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Performance Evaluation Team Report

MISSION 4354/84

FLIGHT MISSION CHARACTERISTICS

DIRECTORATE OF SPECIAL PROJECTS
OFFICE OF THE SECRETARY OF THE AIR FORCE

BYE-8915/84
NOVEMBER 1984
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Performance Evaluation Team Report

MISSION 4354/84

FLIGHT MISSION CHARACTERISTICS

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FOREWORD

This report prepared for and by direction of
the Director of Special Projects
Office of
the Secretary of the Air Force

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PUBLICATION REVIEW

This report has been reviewed and is approved.

[redacted] Major, USAF
PFA Chairman

(b)(3)

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ABSTRACT

This report is a performance evaluation of the last GAMBIT reconnaissance satellite, Mission 4354. The planned 120-day mission began with a launch on 17 April 1984. Air recoveries were successfully accomplished on 11 June and 11 August 1984. One day of solo was conducted. Image quality of the returned film ranged from fair to excellent.

Several revs having potential payload activity were missed during diagnosis of two hardware anomalies: binding of the viewport door hinges resulting in incomplete closure, and failure of the primary inertia changer to completely actuate following SRV-1 ejection. The effects of these anomalies were overcome by restricting periods of door actuation and by use of the redundant inertia changer, respectively.

A bias between the approved platen position and the position of best photographic focus resulted in minor degradation of the imagery acquired during the first mission segment. Image quality following correction of this bias early in the second mission segment showed measurable improvement.

In the following categories, Mission 4354 surpassed all previous GAMBIT missions:

NUMBER OF FRAMES:	27,689
GROSS NUMBER OF TARGETS:	56,532
TARGETS TASKED:	27,304
UNIQUE TARGETS ATTEMPTED:	16,638
REQUIREMENTS TASKED:	40,679
UNIQUE REQUIREMENTS ATTEMPTED:	26,699
UNIQUE REQUIREMENTS SATISFIED:	18,445

[redacted] (b)(1) (b)(3)

SO-409 CORN photography from the first half of the mission yielded an average geometric mean GRD of [redacted] with a best reading of [redacted] CORN photography from the second half of the mission yielded an average geometric mean GRD of [redacted] with a best reading of [redacted] (b)(1) (b)(3)

The 9-inch film load consisted of film types SO-312, SO-409, and small quantities of SO-315 and 3414. The 5-inch film load consisted primarily of SO-312 with smaller quantities of SO-315, SO-130, and SO-255.

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SAFSP PERFORMANCE EVALUATION TEAM

SAFSP

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	OD-4	
	OD-4	

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SECTION I

MISSION OPERATION AND STATISTICS

A. INTRODUCTION

This section presents data on Mission 4354 primary and secondary flight objectives, orbital data, comments concerning on-orbit support activities, and statistics for the mission.

B. PRIMARY FLIGHT OBJECTIVE

The primary objective was a 120-day reconnaissance mission to obtain high resolution photography. Mission 4354 had 1404 revs of photographic activity; 666 during 4354-1 and 738 during 4354-2.

C. SECONDARY FLIGHT OBJECTIVES

The following secondary flight objectives were performed during the mission:

1. Zone of interior photography
2. Roll Settling Test (RST)
3. Stereo mirror Settling Test (SST)
4. Continuous DeFocus Record (CDFR)
5. Stereo continuous defocus record
6. Focus biased continuous defocus record
7. Focus biased stereo continuous defocus record
8. Payload health check
9. COntrolled Range Network (CORN) utilization
10. Focus sensor calibration check
11. Mensuration photography

D. ORBITAL DATA

1. Launch Objectives

The satellite was launched from Space Launch Complex 4, West Pad, Vandenberg AFB. Orbital elements at injection are listed in Table 1-1.

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TABLE 1-1

ORBITAL ELEMENTS

Element	Actual	Nominal
Launch date/time	17 Apr/1845Z	17 Apr/1845Z
Period (minutes)	88.590	89.042
Inclination (degrees)	96.439	96.390
Argument of perigee (degrees)	135.537	152.724
Perigee altitude (NM)	76.234	75.093
Apogee altitude (NM)	174.869	174.392
Eccentricity	.01394	.01399

2. Orbit Adjustments

One hundred thirteen orbit adjusts were performed during the primary mission. One adjust was made during the solo portion of the mission. Engines 1 and 2 were burned serially 57 times. The serial burn procedure was implemented because of throat wear on Thrust Chamber Assembly (TCA) No. 1 and rising throat temperatures on TCA No. 2. Orbital elements following each adjustment are listed in Table 1-2. An orbit profile of Mission 4354 is shown in Figure 1-1.

TABLE 1-2

ORBIT ADJUST ELEMENTS

OA#	Rev	Period (min)	Perigee alt (NM)	Apogee alt (NM)	Argu-ment (deg)	Eccen-tricity	Burn duration (sec)	Engine #	Direc-tion
1	81	88:42	82.90	155.64	126.96	.0103652	117.2	1	+
2	84	88:28	74.91	148.60	135.23	.0105215	76.4	1	-
3	98	88:31	74.98	151.45	135.36	.0109117	62.0	1	+
4	114	88:30	74.94	150.63	134.00	.0109048	40.0	1	+
5	130	88:30	74.91	151.00	133.68	.0108715	53.4	1	+
6	148	88:32	74.87	151.77	136.32	.0109685	88.0	1	+
7	163	88:33	75.19	155.08	130.61	.0113746	61.0	1	+
8	179	88:30	74.98	152.97	127.71	.0111219	30.6	1	+
9	197	88:32	75.08	154.37	128.40	.0113014	71.4	1	+
10	212	88:29	75.02	152.90	126.22	.0111054	31.8	1	+
11	228	88:29	74.89	153.38	125.70	.0111882	55.4	1	+

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TABLE 1-2 (Cont'd)

OA#	Rev	Period (min)	Perigee alt (NM)	Apogee alt (NM)	Argu-ment (deg)	Eccen-tricity	Burn duration (sec)	Engine #	Direc-tion
12	245	88:31	74.92	154.38	126.57	.0113228	72.2	1	+
13	262	88:32	75.07	155.40	126.71	.0114426	63.0	1	+
14	277	88:29	75.01	153.69	124.39	.0112113	29.4	1	+
15	293	88:30	74.98	154.48	123.92	.0113245	56.2	1	+
16	311	88:31	75.05	154.76	124.12	.0113523	64.8	1	+
17	326	88:31	75.02	155.47	122.73	.0114516	46.4	1	+
18	343	88:30	74.97	155.29	121.65	.0114304	47.8	1	+
19	359	88:30	75.02	155.07	120.57	.0113889	45.2	1	+
20	375	88:29	74.94	155.21	119.88	.0114170	52.2	1	+
21	391	88:32	74.98	157.42	120.44	.0117195	70.2	1	+
22	408	88:30	74.94	156.06	119.18	.0115325	43.6	1	+
23	424	88:30	74.97	156.16	118.75	.0115414	52.8	1	+
24	439	88:42	81.01	157.63	127.59	.0109162	114.4	1	+
25	441	88:29	72.96	151.56	134.97	.0112030	69.0	1	-
26	457	88:32	72.88	154.11	135.75	.0115727	80.2	1	+
27	473	88:31	72.94	153.80	135.29	.0115213	56.4	1	+
28	489	88:32	72.86	154.55	136.34	.0116335	75.4	1	+
29	505	88:31	72.97	153.53	135.69	.0114789	53.6	1	+
30	522	88:31	72.86	153.57	135.71	.0115004	67.6	1	+
31	538	88:32	72.91	154.38	136.33	.0116031	70.4	1	+
32	554	88:33	72.94	154.58	136.78	.0116256	68.2	1	+
33	572	88:30	73.07	155.01	129.68	.0116650	60.6	1	+
34	587	88:32	72.87	158.13	124.49	.0121153	69.0	1	+
35	603	88:33	73.01	158.57	126.38	.0121675	85.4	1	+
36	619	88:32	72.89	157.49	125.34	.0120334	54.2	1	+
37	635	88:31	72.94	157.12	125.31	.0119759	62.0	1	+
38	652	88:32	72.99	157.32	125.62	.0119972	68.6	1	+
39	668	88:31	72.97	157.26	125.21	.0119905	59.6	1	+
40	685	88:31	72.96	157.10	125.46	.0119711	70.4	1	+
41	701	88:32	72.94	157.76	125.25	.0120636	61.8	1	+
42	718	88:31	73.04	157.11	125.16	.0119605	62.0	1	+
43	733	88:32	73.01	158.05	124.28	.0120927	56.6	1	+
44	750	88:30	72.89	156.61	123.28	.0119092	52.0	1	+
45	766	88:31	72.94	157.16	123.66	.0119797	67.0	1	+
46	782	88:32	72.95	158.17	124.18	.0121176	71.4	1	+
47	798	88:32	73.09	158.22	124.62	.0121062	65.4	2	+
48	816	88:32	73.15	158.13	124.82	.0120853	67.6	2	+
49	831	88:32	73.02	157.94	123.40	.0120744	49.0	1	+
50	847	88:31	73.13	157.82	123.07	.0120417	57.6	2	+
51	864	88:31	73.03	157.67	122.74	.0120338	61.0	2	+
52	880	88:31	73.00	157.93	122.64	.0120742	62.2	1	+
53	899	88:31	73.09	157.48	123.60	.0120018	76.4	2	+
54	912	88:33	73.00	159.35	123.10	.0122730	54.6	1	+
55	929	88:31	73.05	157.64	122.16	.0120263	47.2	2	+
56	944	88:31	73.09	158.13	121.66	.0120874	53.2	2/1	+

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TABLE 1-2 (Cont'd)

OA#	Rev	Period (min)	Perigee alt (NM)	Apogee alt (NM)	Argument (deg)	Eccentricity	Burn duration (sec)	Engine #	Direction
57	961	88:31	73.05	157.89	121.42	.0120577	59.8	2/1	+
58	978	88:32	72.92	158.48	122.31	.0121602	74.8	2/1	+
59	994	88:34	73.10	159.88	123.41	.0123307	73.2	2/1	+
60	1011	88:31	73.03	157.93	122.44	.0120691	49.6	2/1	+
61	1025	88:32	73.02	158.25	122.58	.0121151	60.4	2/1	+
62	1043	88:32	73.03	158.50	123.31	.0121491	70.6	2/1	+
63	1059	88:33	73.16	159.40	123.57	.0122680	62.6	2/1	+
64	1075	88:30	73.00	156.99	121.77	.0119424	39.6	2/1	+
65	1092	88:32	73.05	158.74	122.91	.0121796	74.6	2/1	+
66	1100	88:32	73.05	158.39	122.70	.0121306	57.0	2/1	+
67	1124	88:31	73.09	158.11	122.50	.0120867	56.2	2/1	+
68	1140	88:32	73.10	158.51	122.22	.0121385	57.6	2/1	+
69	1156	88:31	72.97	157.83	121.51	.0120628	52.0	2/1	+
70	1173	88:31	73.03	157.85	122.33	.0120586	67.8	2/1	+
71	1189	88:33	73.08	159.52	123.33	.0122822	72.8	2/1	+
72	1207	88:32	73.11	158.66	123.27	.0121604	59.6	2/1	+
73	1222	88:32	73.06	158.53	122.32	.0121462	48.2	2/1	+
74	1238	88:31	73.04	157.72	121.84	.0120365	51.4	2/1	+
75	1256	88:31	72.94	157.83	122.82	.0120683	70.2	2/1	+
76	1270	88:33	73.06	159.14	122.87	.0122330	56.6	2/1	+
77	1287	88:31	73.11	157.92	122.82	.0120058	55.0	2/1	+
78	1303	88:31	73.07	158.11	122.61	.0120894	57.0	2/1	+
79	1321	88:31	73.67	156.93	124.06	.0118450	65.0	2/1	+
80	1336	88:32	73.56	157.64	123.43	.0119571	51.6	2/1	+
81	1352	88:32	73.69	157.68	123.58	.0119440	54.8	2/1	+
82	1368	88:31	73.64	157.35	122.94	.0119043	49.4	2/1	+
84	1384	88:31	73.64	157.45	122.81	.0119174	53.8	2/1	+
84	1401	88:31	73.64	157.30	123.03	.0118972	58.2	2/1	+
85	1419	88:30	73.54	155.83	123.39	.0117114	60.8	2/1	+
86	1433	88:33	73.65	158.30	124.96	.0120378	75.8	2/1	+
87	1450	88:34	73.70	158.37	125.47	.0120416	62.6	2/1	+
88	1468	88:31	73.66	156.30	124.95	.0117610	51.0	2/1	+
89	1482	88:31	74.57	154.84	126.41	.0114349	49.6	2/1	+
90	1499	88:32	74.60	155.79	127.29	.0115625	61.8	2/1	+
91	1515	88:31	74.56	154.97	126.48	.0114540	43.0	2/1	+
92	1532	88:31	74.59	155.13	126.40	.0114716	51.4	2/1	+
93	1547	88:30	74.45	155.06	124.63	.0114790	38.2	2/1	+
94	1563	88:31	74.57	155.26	124.57	.0114901	47.6	2/1	+
95	1579	88:30	74.58	155.13	123.86	.0114684	43.4	2/1	+
96	1597	88:31	74.54	155.45	123.90	.0115186	54.8	2/1	+
97	1613	88:32	74.54	156.42	123.69	.0116517	50.8	2/1	+
98	1629	88:30	74.55	155.27	122.70	.0114901	39.4	2/1	+
99	1646	88:32	74.63	156.56	123.33	.0116567	58.2	2/1	+
100	1661	88:30	74.49	155.83	121.83	.0115727	37.6	2/1	+
101	1677	88:31	74.62	156.62	122.29	.0116636	54.2	2/1	+

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OA#	Rev	Period (min)	Perigee alt (NM)	Apogee alt (NM)	Argu-ment (deg)	Eccen-tricity	Burn duration (sec)	Engine #	Direc-tion
102	1694	88:32	74.65	156.78	122.03	.0116823	49.2	2/1	+
103	1710	88:31	74.61	156.27	120.94	.0116138	40.2	2/1	+
104	1727	88:31	74.61	156.77	121.80	.0116843	59.6	2/1	+
105	1743	88:31	74.52	156.08	121.66	.0116016	48.4	2/1	+
106	1760	88:32	74.54	157.16	122.41	.0117503	60.4	1	+
107	1775	88:32	74.58	157.29	121.96	.0117618	45.6	2/1	+
108	1791	88:31	74.57	156.86	121.50	.0117026	44.8	2/1	+
109	1807	88:31	74.63	156.74	121.71	.0116771	45.2	2/1	+
110	1825	88:30	74.60	156.06	120.74	.0115065	47.8	2/1	+
111	1841	88:31	74.54	156.90	120.50	.0117098	50.0	2	+
112	1857	88:30	74.52	156.22	120.09	.0116170	43.8	2/1	+
113	1874	88:32	74.63	157.07	121.02	.0117213	49.2	2/1	+
114	1892	88:33	74.61	158.40	122.14	.0119115	64.4	2/1	+

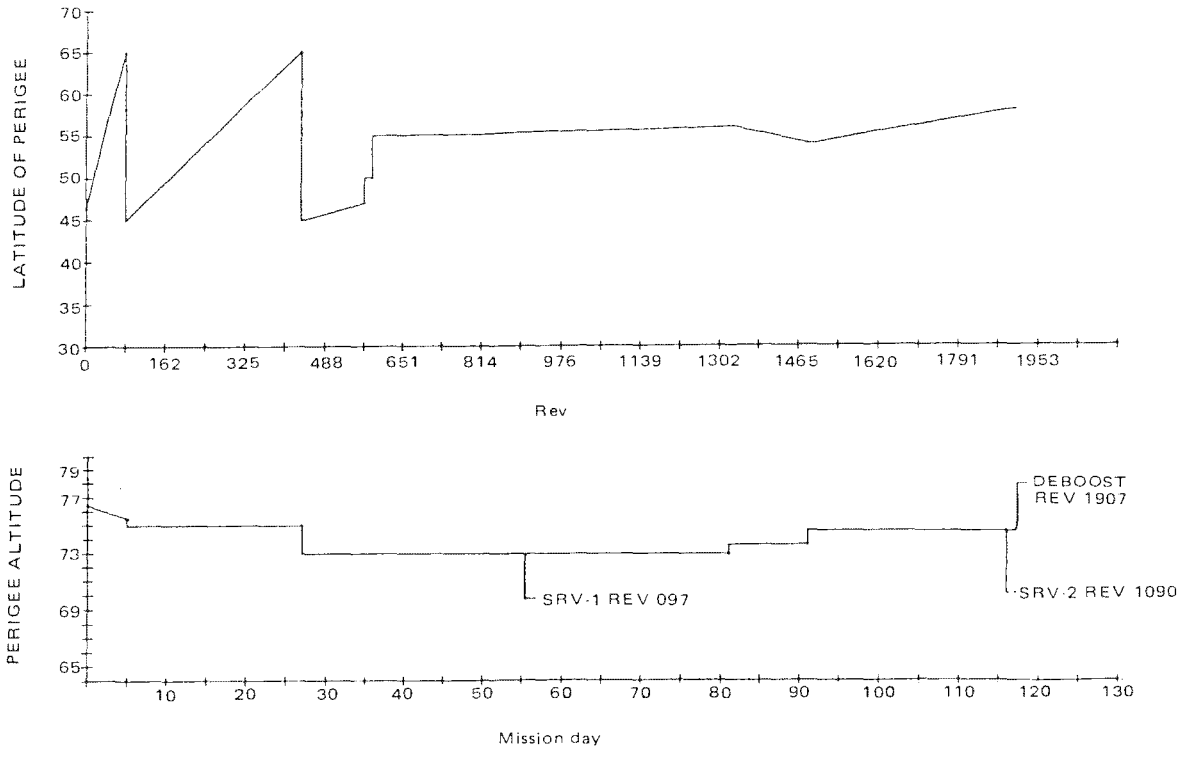

FIGURE 1-1: ORBIT PROFILE

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3. Recoveries

SRV-1 was deorbited on rev 897 and recovered by air catch at 2145Z, 11 June 1984. SRV-2 was deorbited on rev 1890 and recovered by air catch at 2134Z, 11 August 1984.

4. Deboost

Mission 4354 terminated with the deboost of the satellite on rev 1907, 12 Aug 1984, at 2220Z after one day of solo flight. The probable impact point was 30.00°N, 171.06°W.

E. ON-ORBIT SUPPORT

1. Controlled Range Network Utilization.

a. The following targets were utilized on this mission:

1. 5TN12 (Panels 3-8 plus 8a)
2. 5TN (Panels 3-9)
3. 6 Step Gray Scale
4. 3 Step Gray Scale
5. Double Annulus (Abbreviated and/or full)
6. 12 Color Target
7. 6 Color Target
8. IR Panels
9. Point Source Domes (size 3, 6, 12, and 19 inches)
10. 150 Mil Spec Target

b. Fifty-eight COntrolled Range Network (CORN) targets were requested for this mission. Their distribution, and accomplishment are as listed in Table 1-3 below.

TABLE 1-3

CORN TARGET ACQUISITION SUMMARY

	SRV-1			SRV-2		
	Req	Accomp	Attempt	Req	Accomp	Attempt
Nominal	16	16	21	22	22	30
Color (SO-255)	1	1	1	-	-	-
IR (SO-130)	1	1	1	-	-	-
Defocused (mils)						
+0.5	4	4	4	3	3	3
-0.5	4	4	5	3	3	3
SBCT	1	1	1	-	-	-
GBCT	2	2	2	-	-	-
Special 150 Mil	1	1	1	-	-	-

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2. Additional R&D Requirements.

A total of 36 mensuration targets were acquired during 4354. Additional R&D requirements were requested and accomplished as listed in Table 1-4 below.

TABLE 1-4

ADDITIONAL R&D ACQUISITION SUMMARY

	SRV-1			SRV-2		
	Req	Accomp	Attempt	Req	Accomp	Attempt
CDFR	12	11	14	4	4	5
SST	8	8	8	4	4	5
RST	5	5	6	4	4	6

3. Anomalies

a. A spurious take-up activation on the 9-inch system caused the vehicle memory to be erased at Pogo on rev 128. Nine-inch photography was suspended until rev 136.

b. An antenna problem at Pogo caused a command message not to be loaded at rev 314. Payload on rev 314 executed from a command message loaded at rev 313.

c. A viewport door anomaly resulted in suspension of payload from rev 338 through rev 349.

d. A viewport door anomaly resulted in the vehicle memory being erased at Boss on rev 364. Payload was suspended from rev 364 through rev 373.

e. A current spike in the nine-inch slit electronics resulted in the vehicle memory being erased at Pogo on rev 405. All payload on rev 405 was lost. Slit positions were limited from rev 410 through rev 526.

f. Computer problems resulted in a missed load at Guam on rev 452. The payload for rev 452 executed from the message loaded at Hula on rev 449.

g. Post pass data from the rev 899 inertia adjust indicated that the primary inertia change did not occur as planned. Payload was suspended from rev 900 through rev 914.

h. The viewport door was binding in a partially open position on revs 1257 and 1258, resulting in vehicle memory erasure at Pogo on rev 1260. All payload of rev 1260 and 1261 was lost. Payload operations were resumed on rev 1262 with implementation of an operational procedure to restrict door actuations to periods of favorable thermal conditions.

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i. The viewport door was binding again on rev 1271. The vehicle memory was erased at Pogo on rev 1271. Payload was lost on rev 1271 and rev 1272. Payload operations resumed on 1273.

F. SATELLITE TEST CENTER COMPUTER SUPPORT

1. Block 1.1 flight software was used to support Mission 4354.

2. Software enhancement and minor problems necessitated modification to the existing preflight software. Twenty-one auxiliary master tape binary deliveries were made to the existing software package.

G. MISSION STATISTICS

1. Weather

Weather statistics for Mission 4354 are shown in Table 1-5.

TABLE 1-5

CLOUD FREE RETURN (%)

	SRV-1	SRV-2	Mission
Average Forecast operated on	33.2	64.6	75.0
Average DMA readout	76.2	60.0	69.0

The daily averages for the forecast and assessment versus DMA readout are shown in Figures 1-2 and 1-3, respectively.

An in-depth discussion of weather support can be found in the Mission 4354 Weather Critique.

2. Acquisition Parameters

Mission statistics for each camera are shown in Figures 1-4 through 1-7. The figures show slant range, sun elevation, obliquity, and slit utilization statistics for the total mission and for each mission segment.

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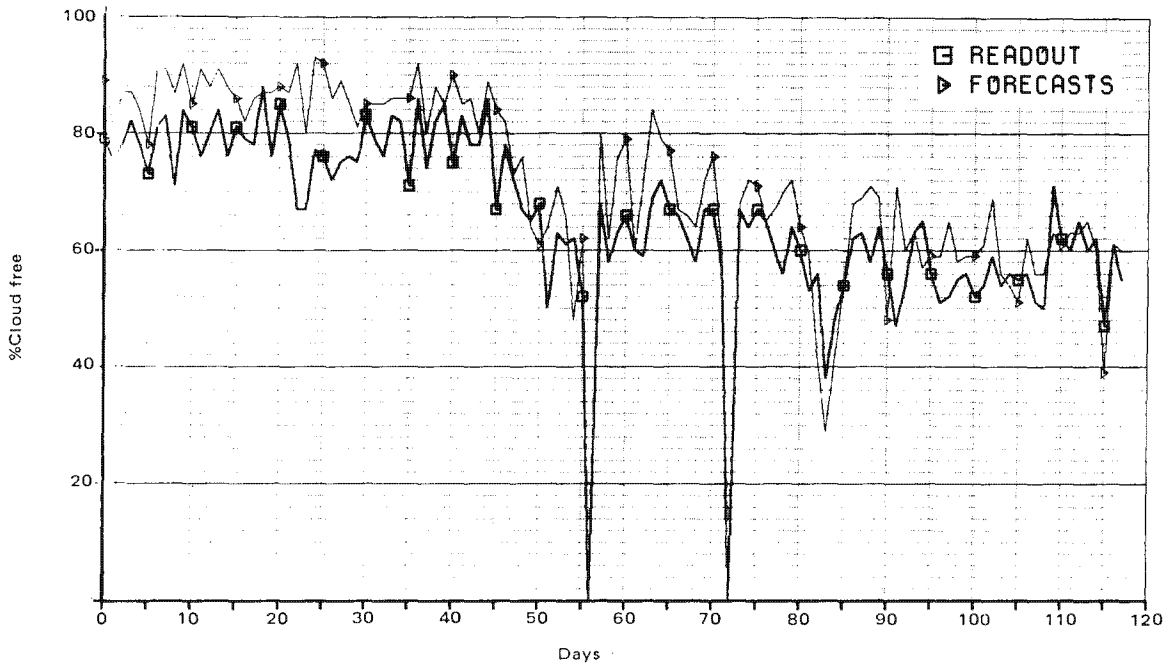

FIGURE 1-2: ASSESSED WEATHER VERSUS DMA READOUT AVERAGES

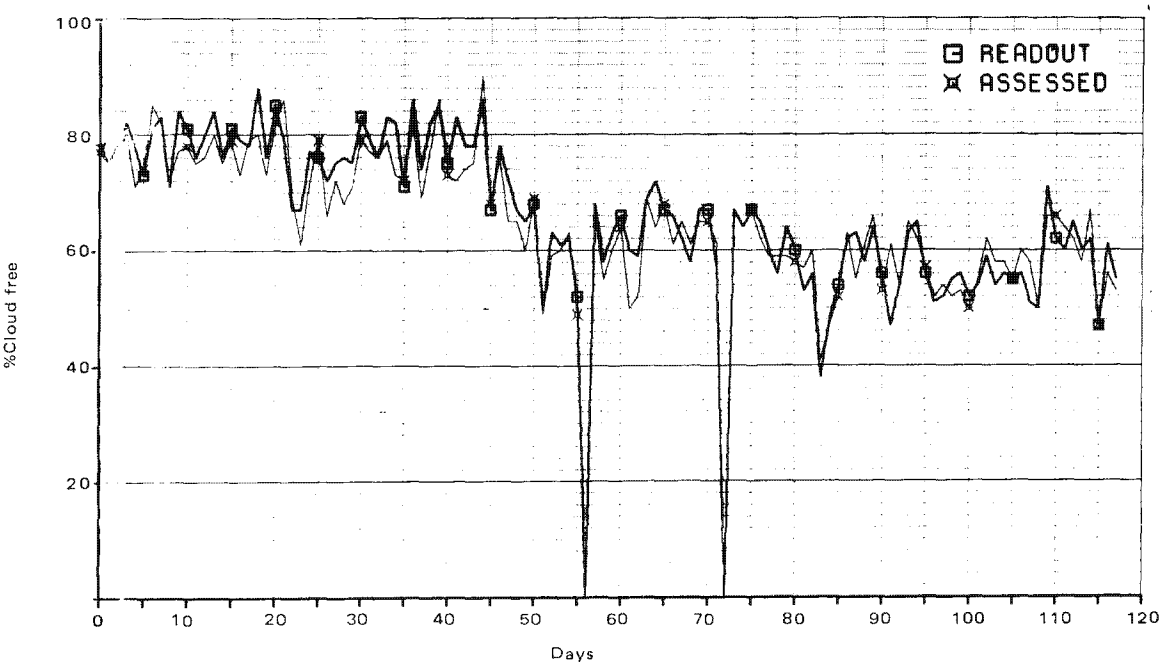

FIGURE 1-3: WEATHER FORECAST VERSUS DMA READOUT AVERAGES

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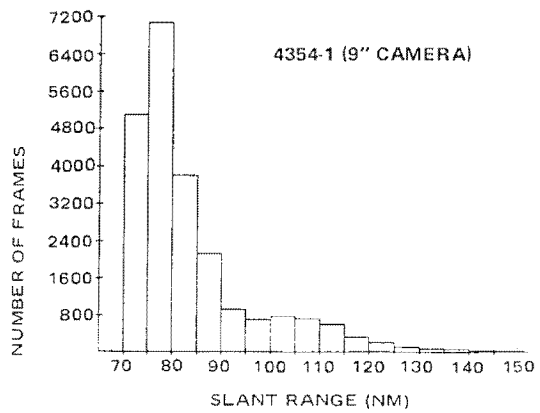

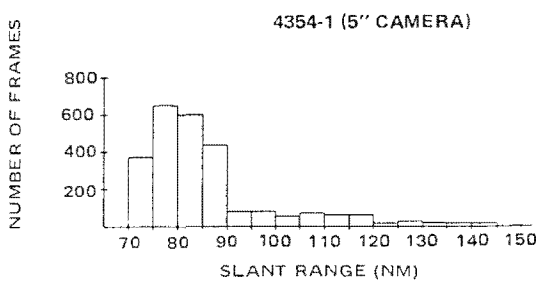

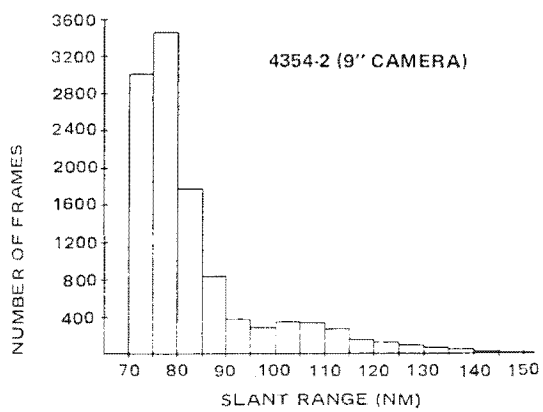

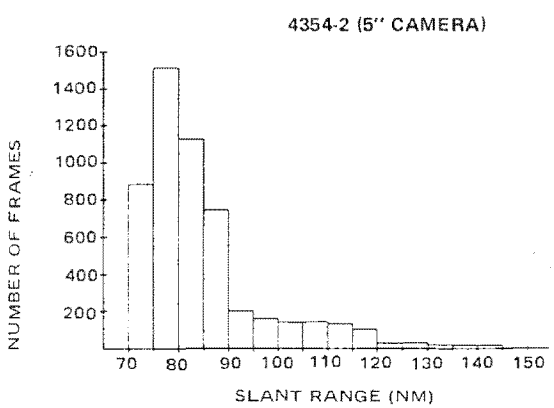

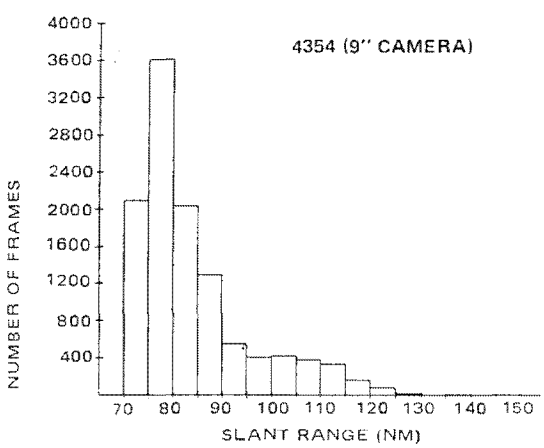

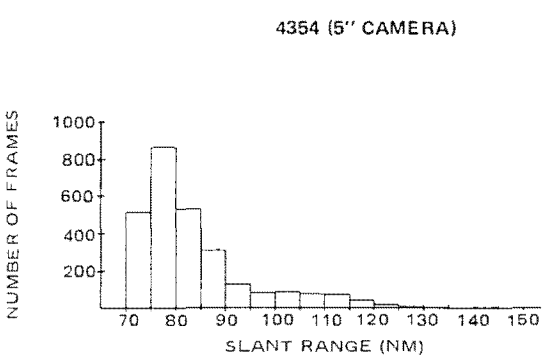

FIGURE 1-4: SLANT RANGE

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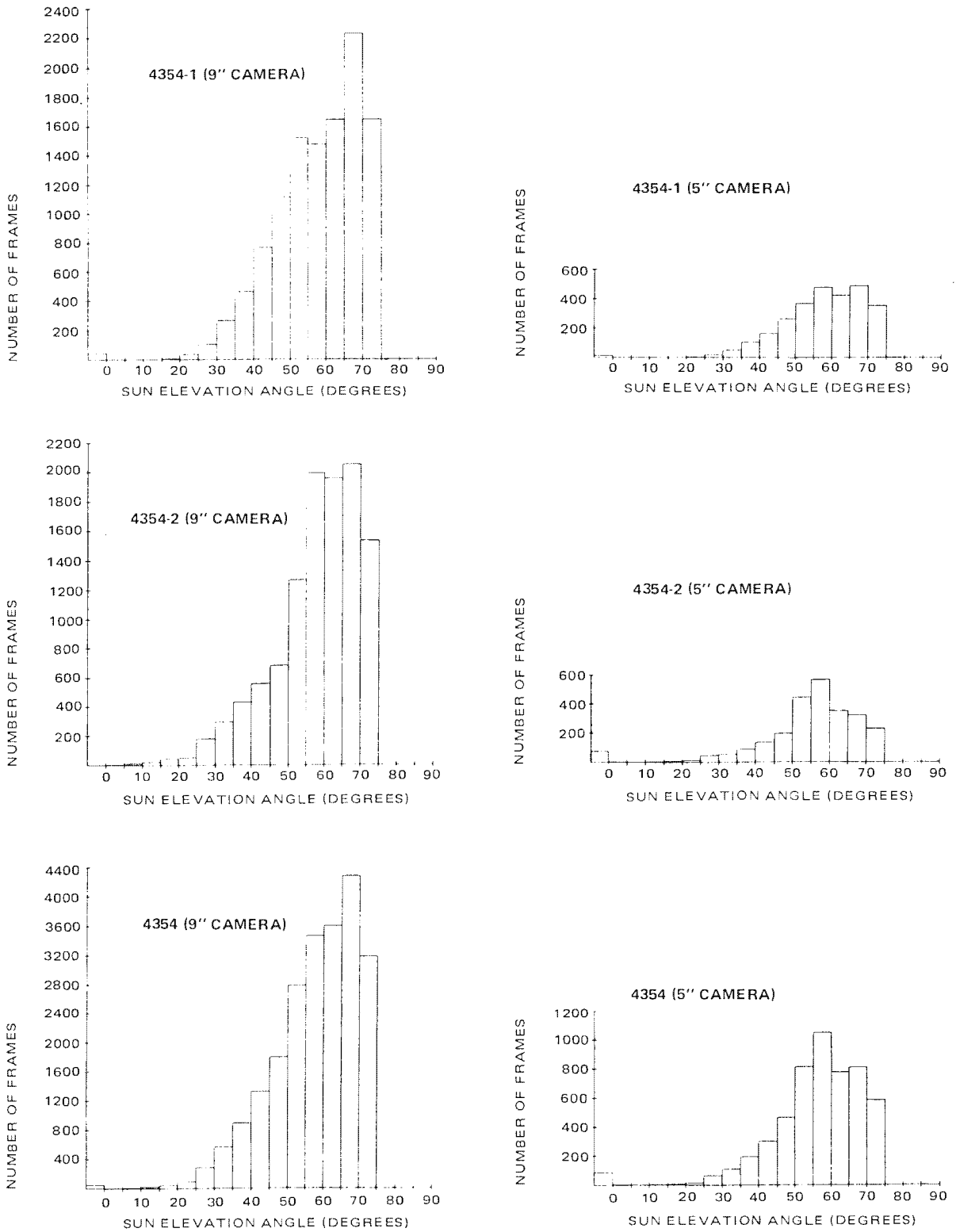

FIGURE 1-5: SUN ELEVATION ANGLE

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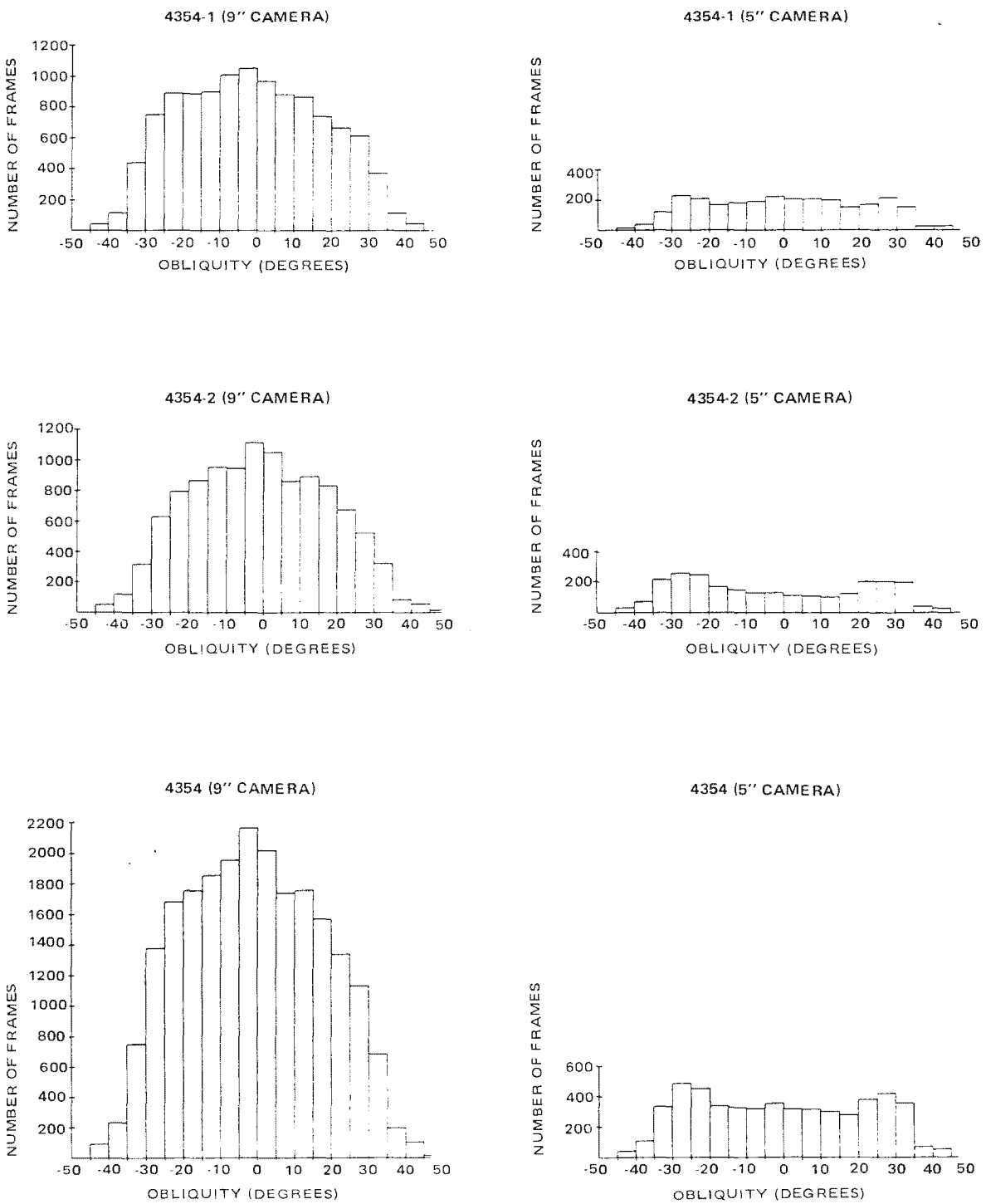

FIGURE 1-6: OBLIQUITY

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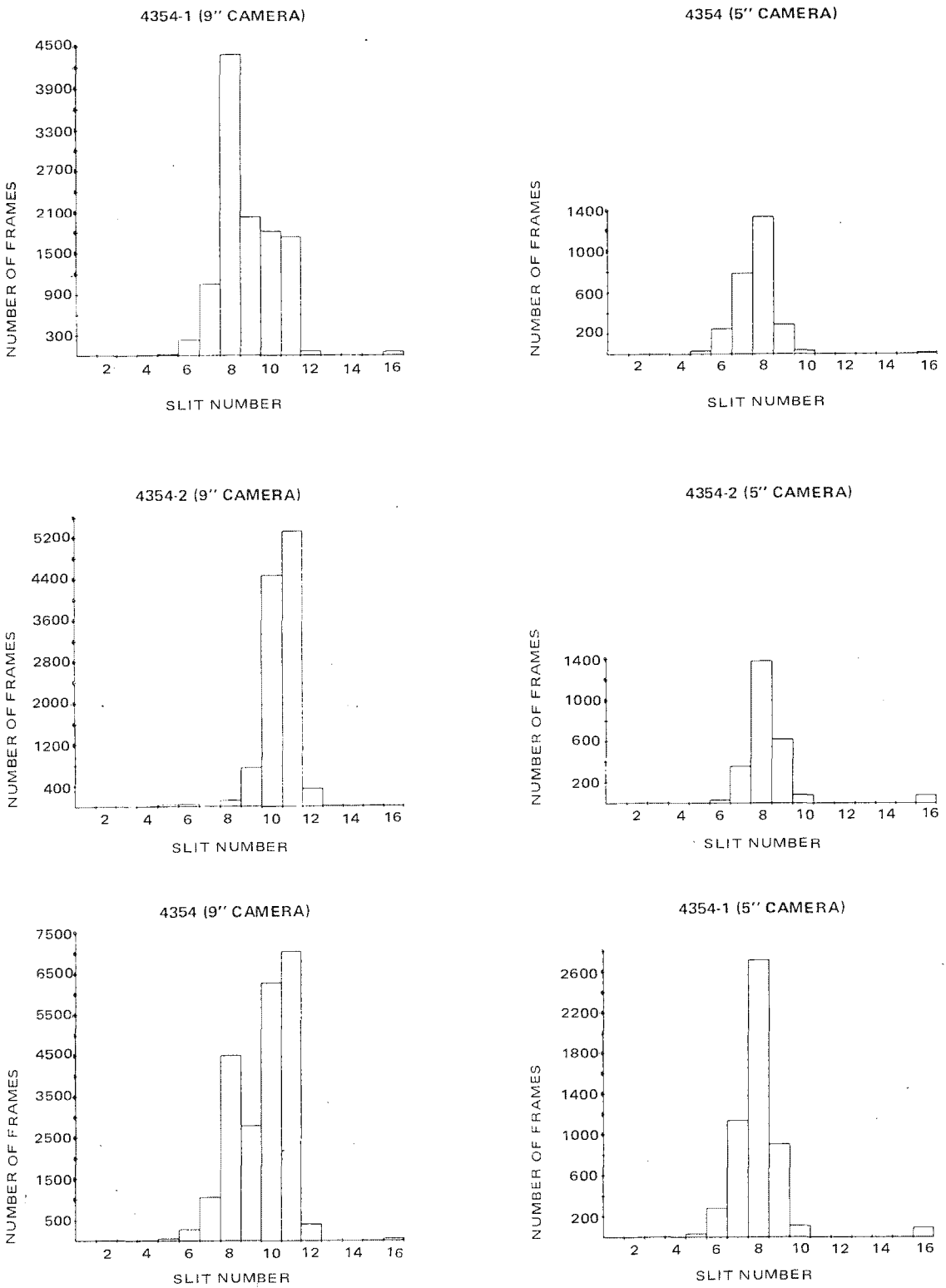

FIGURE 1-7: SLIT NUMBER

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H. COMMAND SUMMARY

1. All payload selection and vehicle commanding was performed through TRW and General Electric software systems.

[redacted] (b)(1) (b)(3)

3. Command message history is shown in Table 1-6.

TABLE 1-6

COMMAND MESSAGE HISTORY

Profiled messages generated	1057
Messages regenerated	13
Messages altered	11
Special messages generated	129
Total messages	1210
Total messages loaded	1044

4. Camera operations are shown in Table 1-7.

TABLE 1-7

CAMERA OPERATIONS

System	Total Camera Ops	Ops Frames	R&D Frames	Door Open Jogs	Door Shut Jogs
			Mission Segment 1		
9	11535	11252	103	11	169
5	2906	2653	74	14	165
			Mission Segment 2		
9	11205	10981	98	13	113
5	2654	2480	48	13	113
			Mission Totals		
9	22740	22233	201	24	282
5	5560	5133	122	27	278

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SECTION II

SATELLITE VEHICLE PERFORMANCE

A. INTRODUCTION

This section describes hardware performance, as it relates to the photographic mission. All secondary flight objectives involving photography, including results, are also described in this section, with the exception of the CDFRs, which are reported in section IV.

B. SATELLITE CONTROL SECTION (SCS)

1. General SCS Information

a. Pertinent Changes

The SCS configuration remained essentially the same as the 4353 configuration with the exception of the Integrated Secondary Propulsion System (ISPS). In an attempt to reduce the high Thrust Chamber Assembly (TCA) throat temperatures which have been a recurring problem since Mission 4348, the operating point (mixture ratio and total propellant flow rate) of the ISPS was changed on side 1 of 4353. Calibrated orifices were installed in both the fuel and oxidizer supply lines, resulting in a three percent increase in mixture ratio and a three percent decrease in total propellant flow rate. This change was implemented on both sides of the ISPS for this mission. TCA No.1 throat temperatures remained well below the "red-line" limit of 2400° F for the duration of the mission as a result of this change. Burn time restrictions were imposed beginning on day 59, in order to limit the rate of TCA throat coating crack growth.

b. SCS Pointing Data

Miss-distance statistics for the 9-inch camera system were estimated based on a sample of 78 targets from Mission 4354-1 and 56 targets from Mission 4354-2. The geographic locations of these targets are well known. The differences between the actual frame coordinates of the targets and the predicted grid coordinates from the Mission Correlation Data (MCD) were converted into equivalent line-of-sight pitch and roll pointing errors and are listed in Table 2-1. These values are called "equivalent" line-of-sight errors, because they contain inherent map, target location, and ephemeris errors.

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Imagery from SRV-1 exhibited a cross-track target miss-distance bias of slightly greater than 1 cm (toward the timing track side of the film format). This bias is equivalent to the 0.13 degree roll attitude bias in Table 2-1. This bias is significantly larger than that observed on previous vehicles, and was the same during periods of RACS and PACS control, eliminating attitude control as a source of the error. A pointing data base correction was implemented, effective on rev 981, after this condition became apparent at the SRV-1 Quick-Look. The effectiveness of this correction is evident from the SRV-2 statistics in Table 2-1. The specific source of this roll misalignment remains indeterminate.

TABLE 2-1

EQUIVALENT POINTING ERROR
(degrees)

Nine-Inch System

Line-of-sight	Mean	Std. deviation	50 Percentile
		SRV-1 (78 targets)	
Pitch	-0.01	0.07	0.05
Roll	0.13	0.05	0.13
		SRV-2 (56 targets)	
Pitch	-0.03	0.05	0.04
Roll	-0.02	0.05	0.04

Periodic updates of certain parameters, which are used to improve pointing by software modeling of adaptive bias and orbit dependent attitude offsets, were made throughout the flight as changes in PSV mass properties, aerodynamic torques, and orbit eccentricity occurred.

[redacted] (b)(1) (b)(3)

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2. SCS Secondary Flight Objectives

a. Adaptive Bias Calibration Tests

Tests to determine magnetic torques, aerodynamic torques, and vehicle mass properties were successfully conducted throughout the flight.

The information obtained during these tests served as a basis for adjustment of the coefficients used by the adaptive bias software.

b. Hardware Health, Verification, and Engineering Tests

Reaction control cluster temperature tests, roll joint tests (rate, linearity, and thermal), guidance system gyro drift tests, [redacted] were successfully accomplished to verify health, measure hardware performance, or collect engineering data. (b)(1) (b)(3)

c. Roll Settling Tests (RSTs)

Twelve roll settling tests, designed to measure the transient response of the PSV line-of-sight immediately after the end of roll joint motion and subsequent microdynamics, were performed during the flight. Nine of these RST frames showed imagery with sufficient detail in the smear slit for analysis. The results of these tests characterize time and command profile-dependent smear rates and allow judicious determination of the settling time required for low smear rate, high resolution photography. Results which illustrate the transient behavior best are reproduced in Figures 2-1 through 2-5. RSTs not shown but containing data include rev/frames 177/9005, 358/9002, 796/9003, 812/9004 and 1057/9003.

The RSTs of Mission 4354 demonstrated that the smear rates caused by roll joint operation were well damped. Smear rates decayed to within acceptable limits well within the allotted settling time. No changes were required to the prelaunch value of settling time in the operational software. Identifiable frequencies of oscillatory modes observed in the RSTs, and their probable causes, were 2 Hz (viewport doors), 4-8 Hz (roll joint), 8-12 Hz (stereo mirror), and 14-16 Hz (solar arrays).

Figure 2-1 illustrates the smear rates observed in the RST of rev 421, frame 9001. A large amplitude 12 Hz component is noticeable in the cross-track component, and a mixture of 6 and 12 Hz is observable in-track. Figure 2-2, a fine-scale plot of the same data, shows that the cross-track oscillation persists until about 1.5 seconds after roll joint stop; a 4 Hz oscillation becomes noticeable after the higher frequency in-track oscillation damps out and persists until about 1.6 seconds. The allowable settling time for operational photography would have been 1.8 seconds in this instance, demonstrating that adequate settling time was allowed for damping of transients associated with large rolls.

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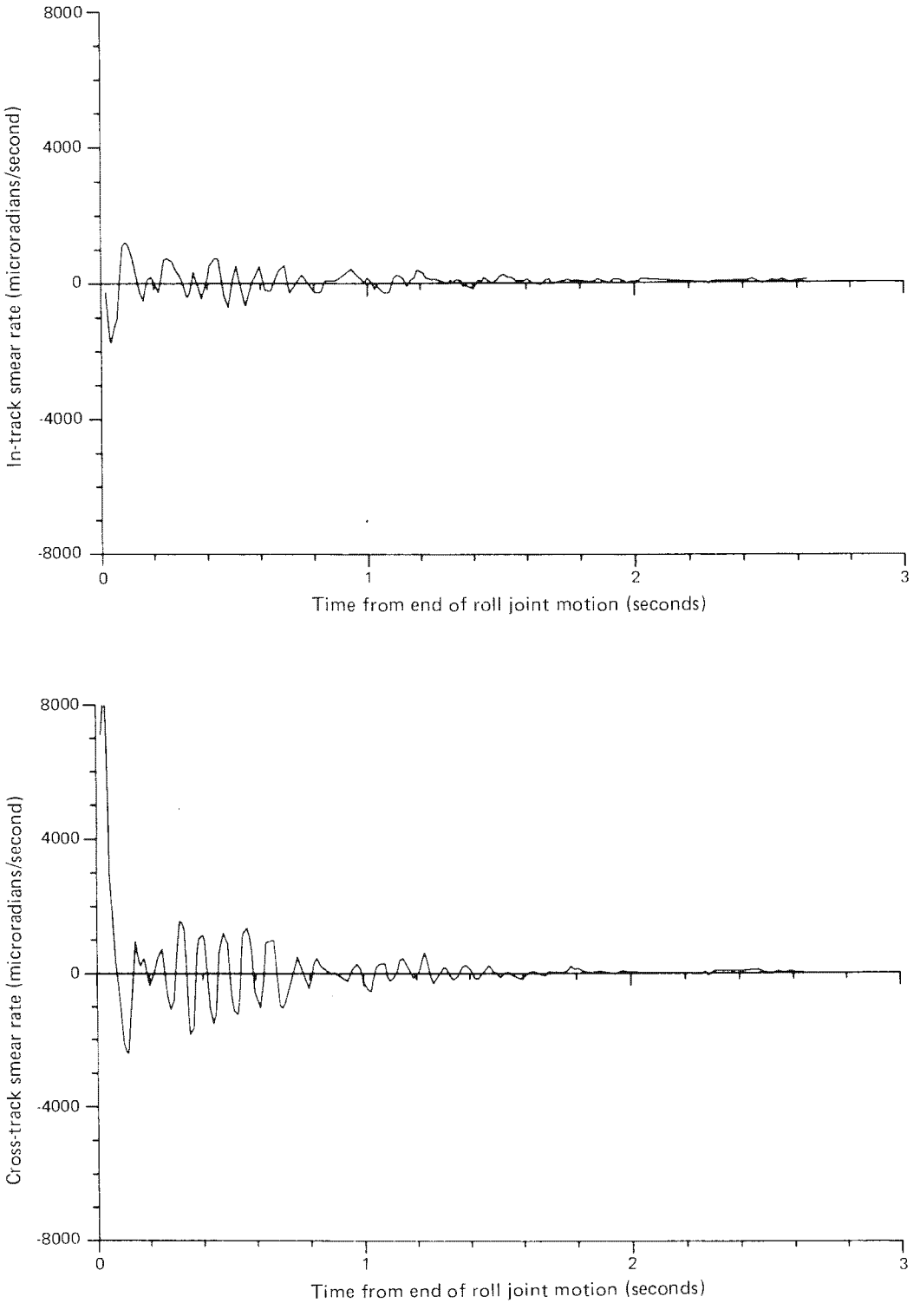

FIGURE 2-1: ROLL SETTLING TEST (REV 421, FRAME 9001)

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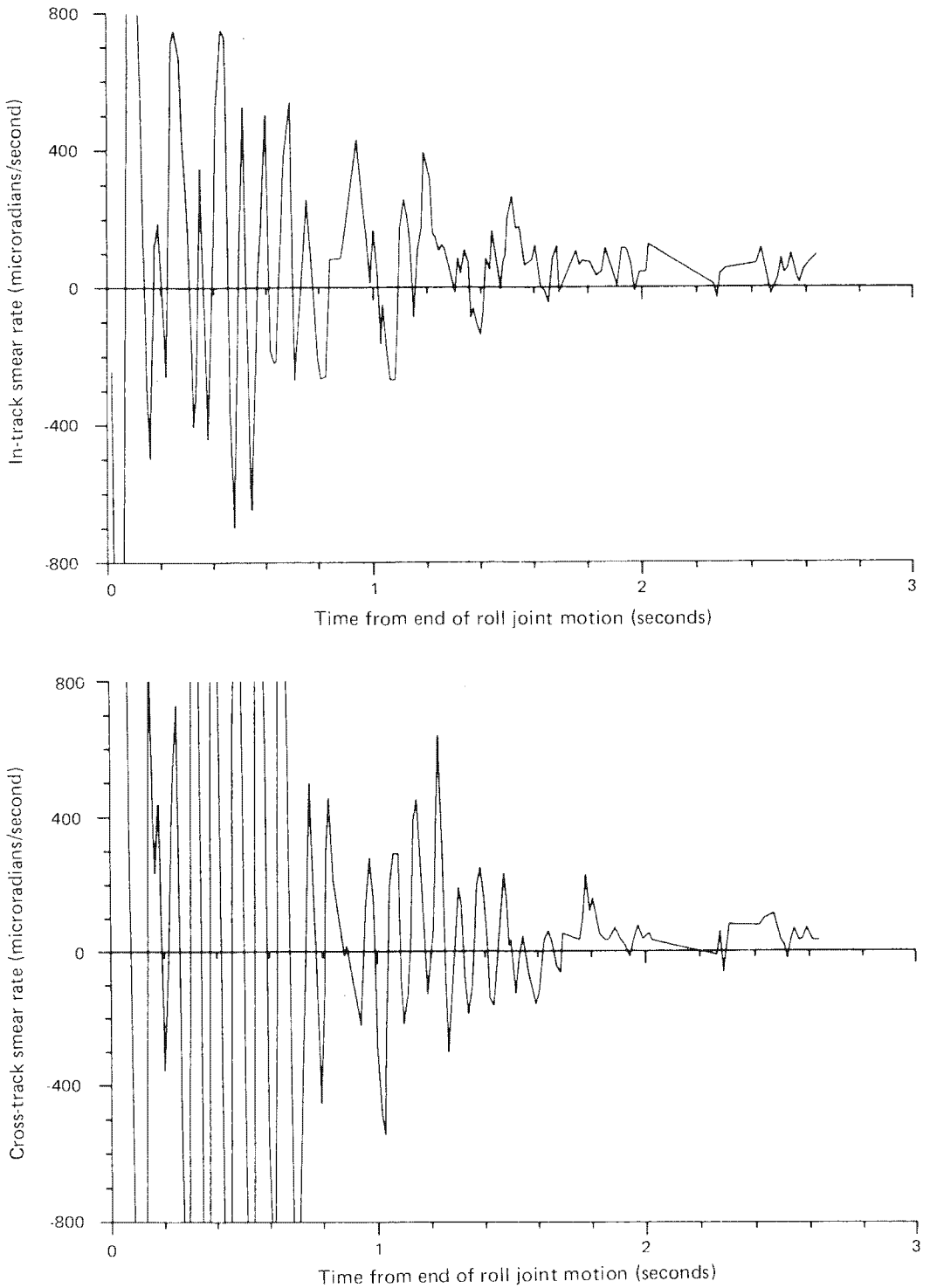

FIGURE 2-2: ROLL SETTLING TEST (REV 421, FRAME 9001)

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Figure 2-3 illustrates a normal, sustained, low-level oscillation of about 1.7 Hz in the cross-track direction. This mode is usually associated with the viewport doors. This data is from the RST of rev 1024, frame 9002. In contrast to this data, Figure 2-4 shows a sustained 3 Hz oscillation, which may indicate some binding of a viewport door, a concern on this mission.

It should be noted that, although these low frequency oscillations persist beyond the allotted settling time (1.58 seconds), the amplitude is sufficiently low (within ±100 microradians per second) so that quality is not degraded.

Figure 2-5 shows data from the RST of rev 1545, frame 9002, and exhibits similar frequency characteristics to the RST of rev 421, frame 9001 (Figures 2-1 and 2-2). A mixture of 6 and 12 Hz in-track, and a 12 Hz cross-track oscillation both persist for a significant period of time, but are reduced to acceptable amplitude levels by the end of the 1.80 second settling interval. The normal 1.7 Hz viewport door frequency is observable in the cross-track direction; although not obvious from visual inspection of Figure 2-5, spectral analysis of these data indicate that a 3.3 Hz component is also present in the cross-track direction, which may be another instance of viewport door binding.

The negligible impact of these residual oscillations is demonstrated by Figure 2-6. This figure illustrates the in-track and cross-track smear rates measured (from operational photography) as a function of settling time from the end of roll joint motion to the camera-on command. The time of camera-on command precedes the time of high resolution photography by approximately 0.3 seconds. The smear rates have been corrected for biases and deterministic effects. Examination of the figure indicates that the range of smear rates encountered during operational photography is not further reduced by increasing allowable settling time beyond that already in the operational software.

d. Stereo Settling Tests

Of the twelve stereo mirror settling tests acquired, nine were evaluated for settling performance. Of those nine, five were half transitions (vertical to forward, aft to vertical) and four were full transitions (aft to forward). Test results are summarized as follows:

(1) All tests exhibited damping rates as fast as or faster than the predicted settling profile.

(2) As with previous missions, the in-track settling profiles exhibited a rapidly damping 6-12 Hz component with a more sustained low amplitude 12-16 Hz oscillation.

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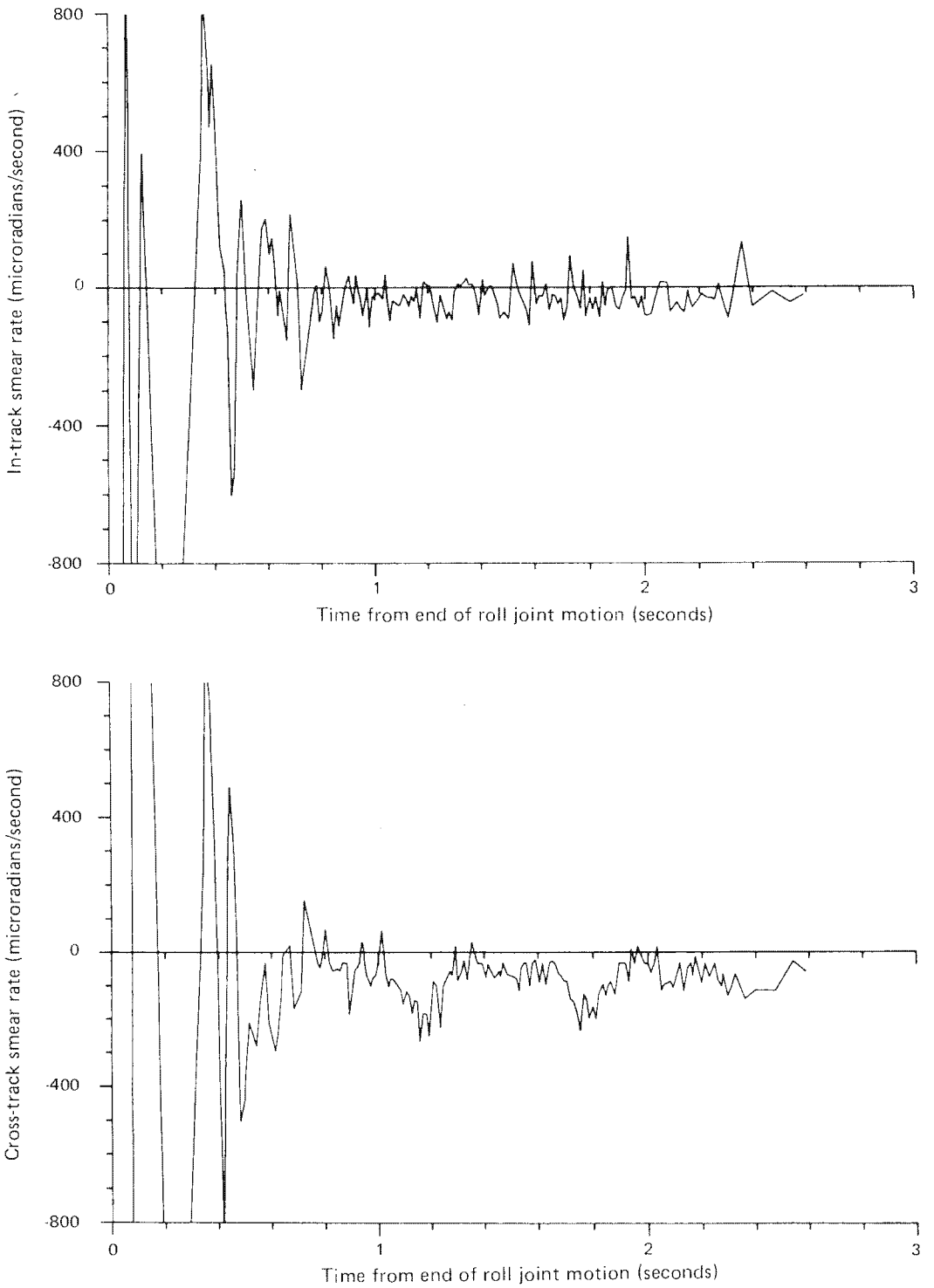

FIGURE 2-3: ROLL SETTLING TEST (REV 1024, FRAME 9002)

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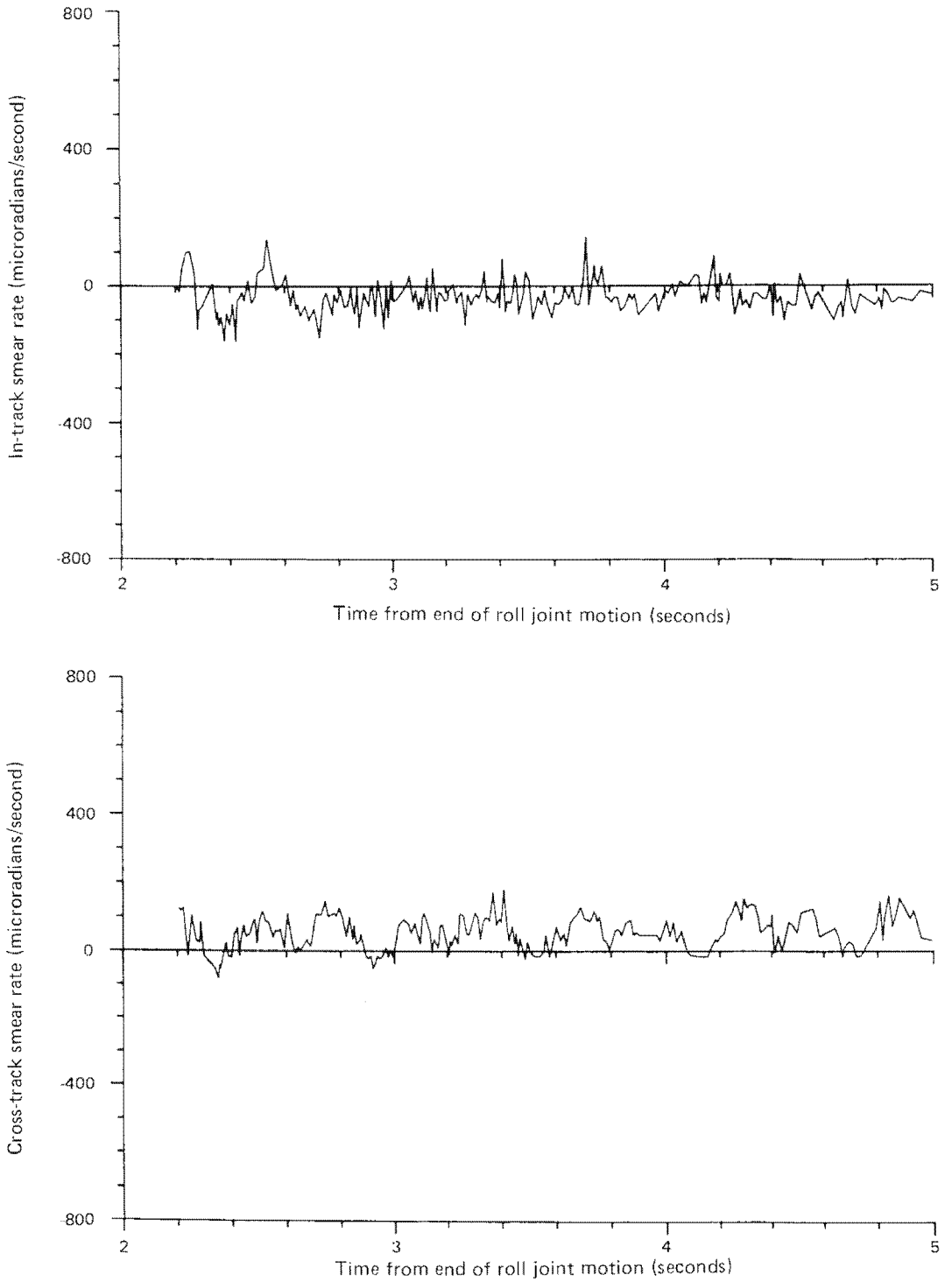

FIGURE 2-4: ROLL SETTLING TEST (REV 1578, FRAME 9002)

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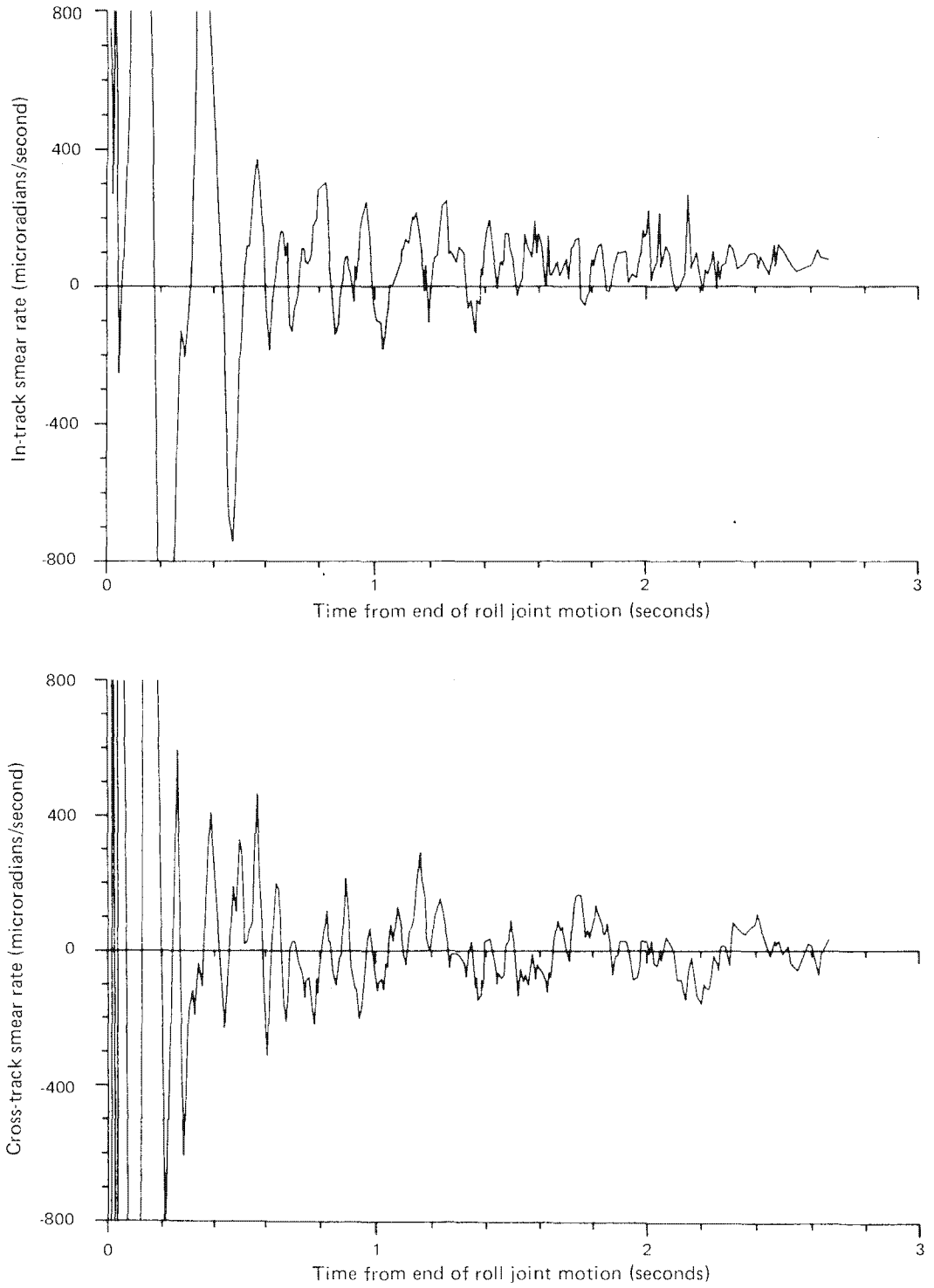

FIGURE 2-5: ROLL SETTLING TEST (REV 1545, FRAME 9002)

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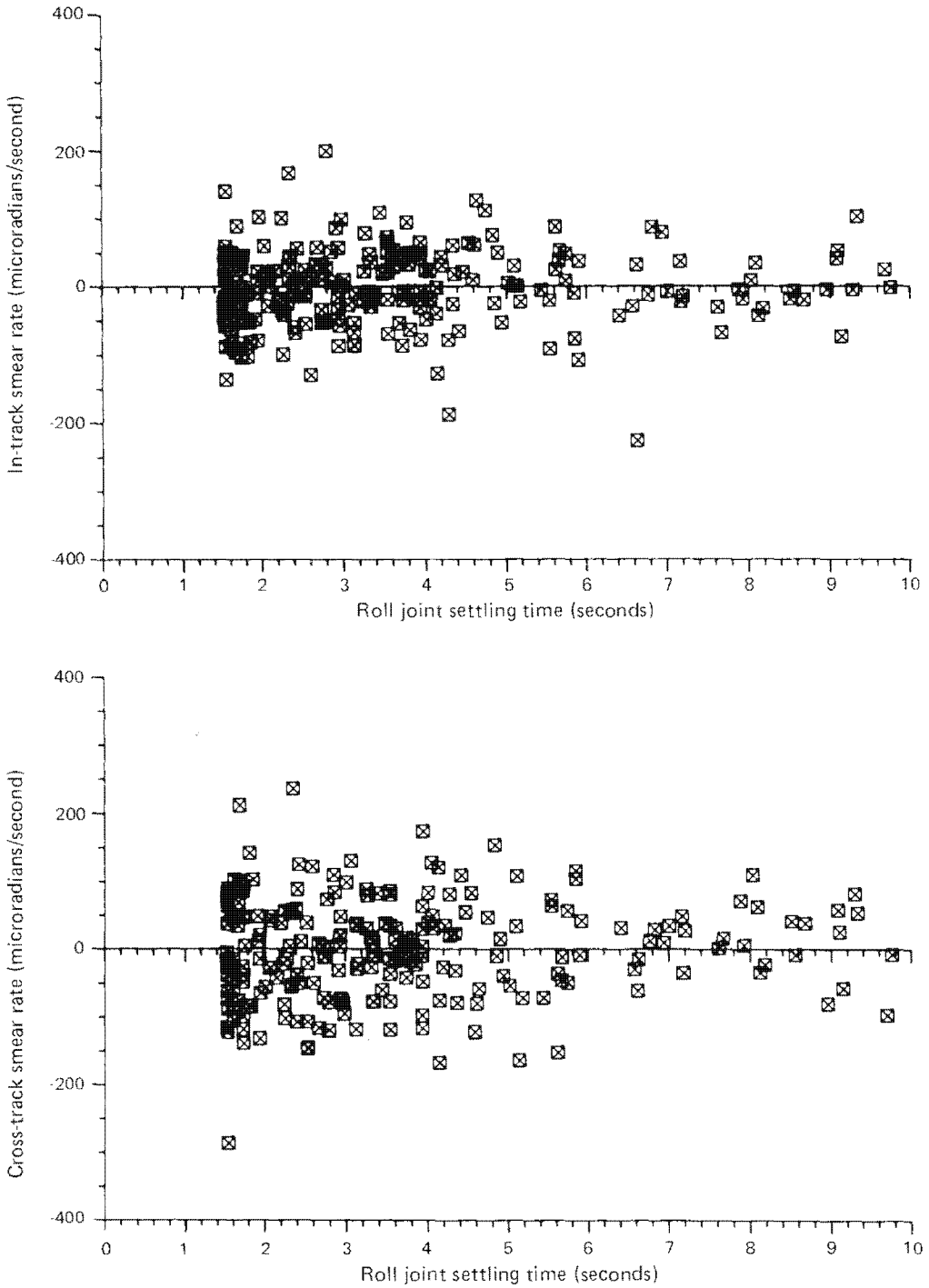

FIGURE 2-6: SMEAR RATE MEASURED FROM THE END OF ROLL JOINT MOTION

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The proper stereo mirror settling data base values were particularly critical on this mission because of the extensive use of the slower SO-409 film. While requiring longer settling times for the SO-409 film, it was necessary that the times be kept as short as possible to maximize the number of possible acquisitions in high target density areas.

Prior to the start of the mission, predictions on settling were made on the basis of factory measured data for this vehicle and operational data from previous missions. Eight settling tests were scheduled for 4354-1 to provide verification of the predicted settling performance.

Examination of 4354-1 data indicated that a reduction (0.2 seconds for all transitions) in settling times could be made without significantly degrading image quality, thus allowing even shorter inter-frame times and providing more target opportunities. This reduction was accomplished beginning on rev 1061. A further reduction (0.04 seconds) in half-transition settling times was implemented on rev 1192, providing significantly more target opportunities while having insignificant impact on image quality.

Analysis of two settling tests from 4354-2 confirmed no change in settling performance from 4354-1.

Figure 2-7 shows settling profiles (in-track and cross-track) typical of all transitions. The particular example illustrated is a half transition, rev 438, frame 9002. In-track, the high amplitude, low frequency (6-12 Hz) components damped to below ±100 microradians/sec within 0.8 sec after end of mirror slew while the low amplitude, higher frequency (12-16 Hz) component continued to slowly damp below the 80 microradians/sec level. Cross-track, the profile settled rapidly with sustained low amplitude (less than ±50 microradians/sec) oscillations at 16-18 Hz. These profiles support the adequacy of the stereo mirror settling time data base values.

The impact of oscillatory smear rate is shown in Figure 2-8, which plots in-track and cross-track smear rates measured from operational photography. The smear rates are corrected for biases and deterministic effects as a function of settling time from the end of stereo mirror motion to the time of the camera-on command. The data represent a subset of the random smear sample taken over rev spans 393 through 1888 when the spacecraft was being controlled by the primary attitude control system. Examination of the figure illustrates the validity of the settling time data base recommendations.

3. SCS Anomalies

Following the separation of SRV-1, the Payload Adapter Section (PAS) primary inertia changer was commanded on rev 899 to adjust the roll joint flywheel inertia to compensate for the reduction in the PPS roll moment of inertia caused by the separation. A series of roll joint operations was then performed to assess the resulting momentum mismatch between the PPS and the flywheel. These test rolls indicated that only about one-half of the planned inertia adjustment had occurred. Payload operations were suspended on rev 900, so that further diagnostic testing could be performed. Subsequent

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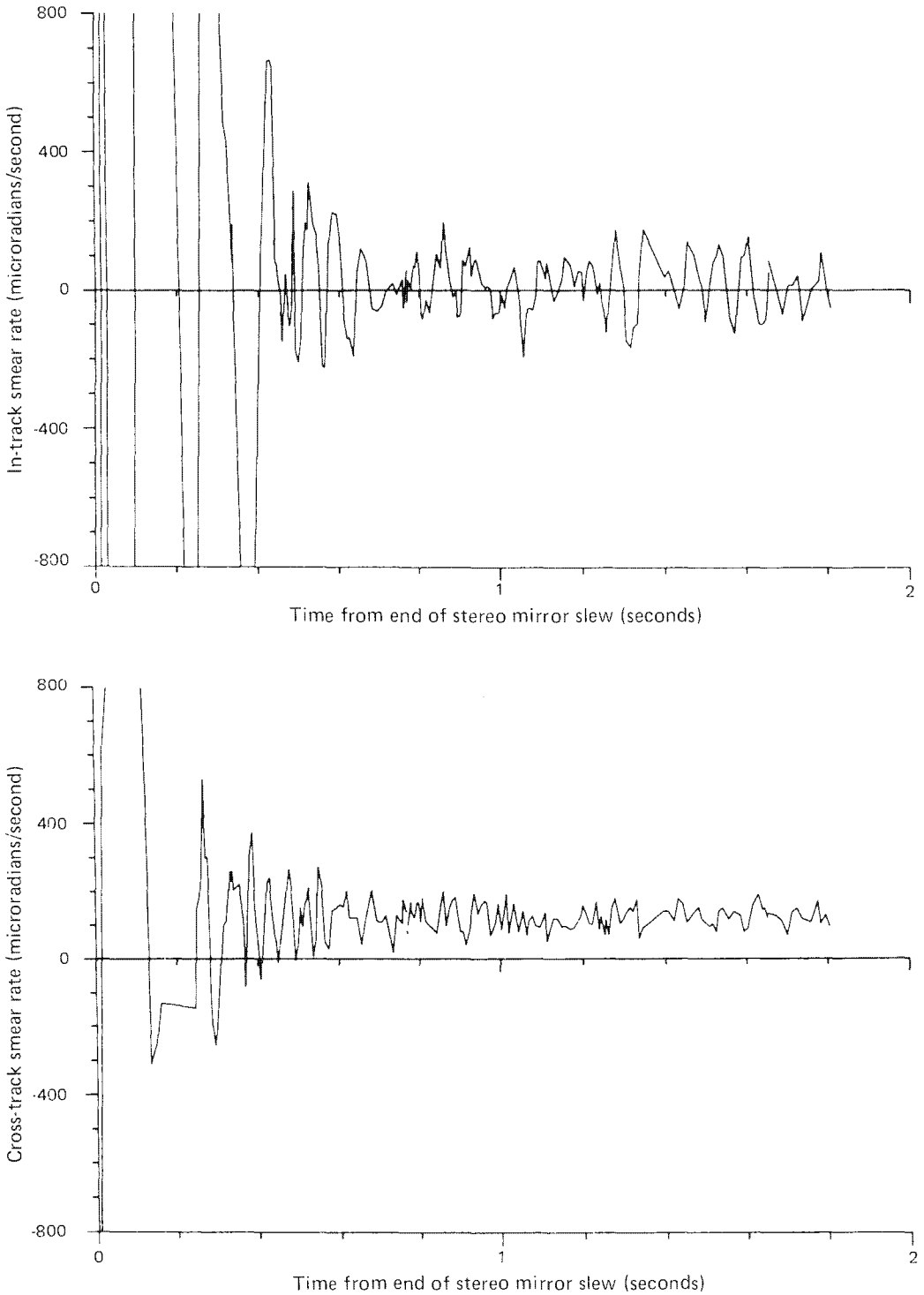

FIGURE 2-7: STEREO MIRROR SETTLING TEST (REV 438, FRAME 9001)

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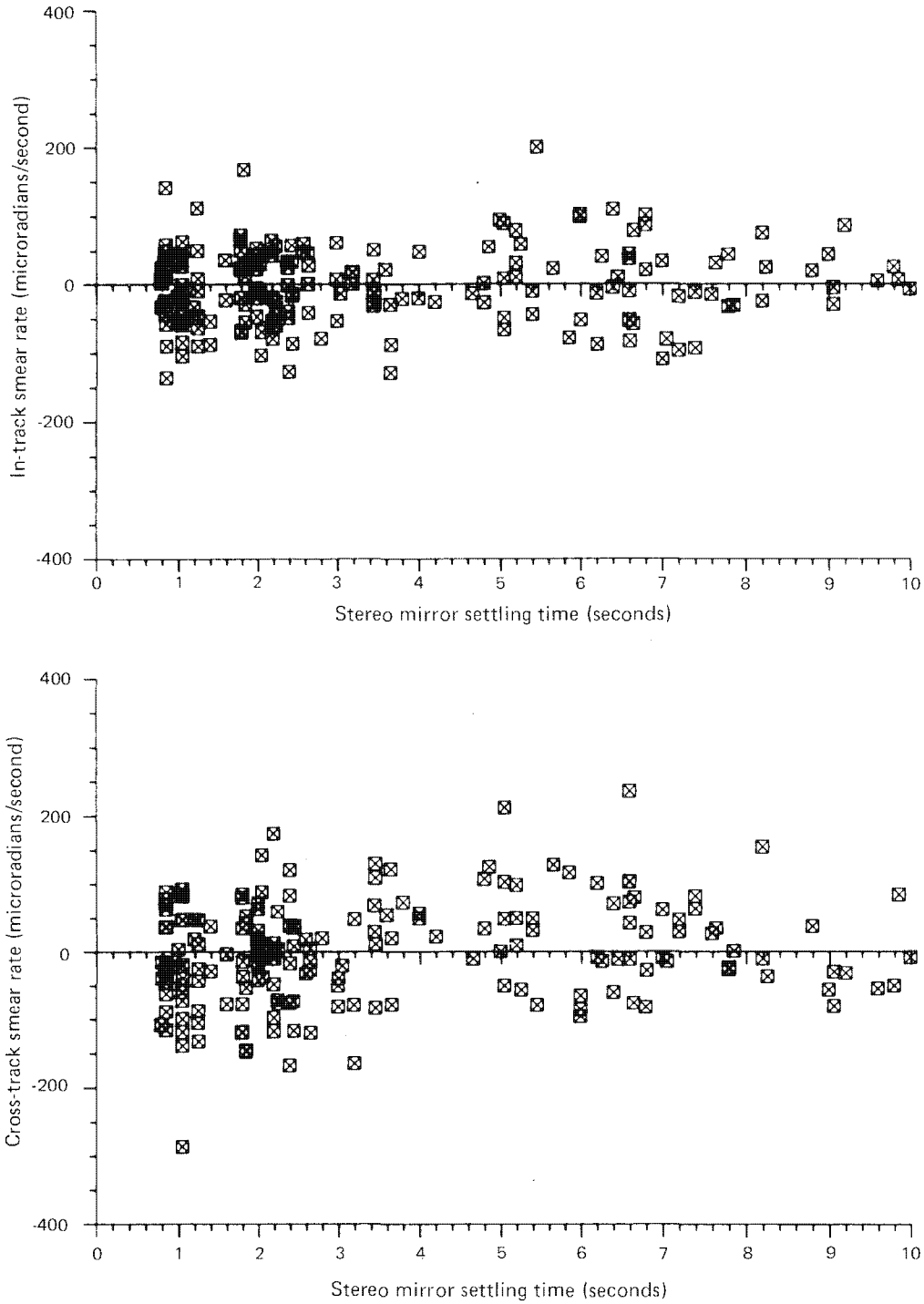

FIGURE 2-8: SMEAR RATE MEASURED FROM THE END OF MIRROR MOTION

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testing confirmed that the achieved inertia adjustment was very nearly one-half of the planned adjustment, and that the value appeared to be stable. A second adjustment was planned and was performed on rev 912, using the redundant inertia changer. The results indicated that the resultant momentum mismatch was within acceptable limits, and payload operations resumed on rev 915.

The primary inertia changer consists of two equal weights located in diametrically opposite positions on the roll joint flywheel. Each weight is capable of sliding along a radial arm. The weights are spring loaded toward an inboard position on the flywheel, but each is initially held in an outboard location by its own trip lever. These trip levers extend beyond the outer circumference of the flywheel.

When it is desired to actuate the primary inertia changer, the flywheel is moved to position the two trip levers away from a pyro-actuated pin pusher. Activation of the pin pusher causes a pin to be placed in the path of the inertia changer trip levers, so that the trip levers will be contacted when the flywheel is rotated. A roll joint operation is performed to rotate the flywheel approximately one and one-half revolutions. Under normal conditions, both weights and their associated trip levers spring to the inboard flywheel position; subsequently, the pin pusher and trip levers serve no function.

Since the symptoms indicated that only one-half of the inertia adjustment was achieved, the most probable cause of this anomaly is that one of the weights failed to move to the inboard position. There is a known failure mode that would occur if one of the trip levers were positioned along the axis of the pin pusher; pin pusher actuation would bend the trip lever to an extent that it would not contact the pin when the flywheel was rotated. This is not the case in this instance, since the command sequence specifically positioned the flywheel so that pin/lever interference would not occur. Another probable cause for failure of the weight to move is that the trip lever was damaged during preparations for shipment or for launch. The specific cause for this anomaly will probably never be known.

C. PHOTOGRAPHIC PAYLOAD SECTION (PPS)

1. General PPS Camera System Information

a. Camera Data

The general camera data for Mission 4354 is shown in Table 2-2.

TABLE 2-2

CAMERA DATA

Instrument No.	FM-54
Type	Strip
Focal Length (inches)	174.841
Filter	Wratten 2-E Equivalent
Axial static optical quality factor:	
9-inch camera	88.4%
5-inch camera	85.6%

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b. Pertinent Changes

(1) The S-1/PRG calibrate mode function was disabled as a result of a potential generic mechanical problem discovered in factory testing. This had no effect on the S-1/PRG read mode function used for normal data gathering.

(2) The primary film path pressure transducer was disabled due to an out-of-spec condition in factory testing. The loss of this instrumentation point had no impact on the mission.

2. Camera Performance

a. Film Drive Smoothness

Photographic evaluation and Frequency Phase Locked Loop Electronics (FPLLE) phase error diagnostic data indicated that film drive smoothness on both cameras was within specification limits.

b. Focus Subsystem

Early focus data on Mission 4354 showed the typical early rise in Best Electrical Focus (BEF) seen on other vehicles. Once again, this early data correlated well with mirror temperatures. As the mission progressed, the predicted BEF value calculated using the Camera Optics Assembly isothermal response coefficient did not correlate well with actual measured BEF data. The magnitude of the disparity was approximately 1 mil by the time BEF and temperatures stabilized on day 6. As stated in previous PET reports, the disparity probably results from non-isothermal effects and/or relaxation of launch-induced stresses. The non-isothermal response has never been measured, but on-board thermal sensors indicate that the condition exists.

The very earliest focus data agreed perfectly with the initial prelaunch recommendation of 0.0 mils. By day 6, BEF had stabilized at 1.3 mils and, through the remainder of the mission exhibited only minor fluctuations about 1.3 mils. The mean bias between BEF and Best Photographic Focus (BPF) during the first mission segment was +0.2 mils with a standard deviation of 0.2 mils. During the second mission segment, the mean bias was 0.0 mils with a standard deviation of 0.2 mils.

3. PPS Anomalies

a. Spurious Take-ups

Beginning on rev 123, a probable broken brush or conductive contamination in the 9-inch film looper control encoder resulted in 111 spurious 9-inch take-up actuations throughout the mission. Preliminary analysis of the anomaly indicated that the problem might be film looper position dependent and that a potentially catastrophic failure mode could exist. Initial response to the anomaly was implementation, on rev 136, of a software modification to limit the quantity of film in the looper to a position below the hypothesized encoder problem area. The software

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modification resulted in more frequent take-up actuations during camera operations. Subsequent analysis showed that the anomaly was not film looper position dependent, and that limiting the amount of film in the looper would not significantly decrease the probability of spurious take-up cycles. Further, it was determined that the encoder design would not allow a catastrophic failure. Normal operation was resumed on rev 150. A total of 43 feet of film was affected by the software modification and 28 feet by the spurious take-up operations.

b. Viewport Doors

On ten occasions the -Y viewport door did not close completely when commanded to do so. All PPS activity was suspended on four occasions during the mission, totaling 26 revs. Analysis revealed that the failure to close was most probably caused by thermally induced binding in the door hinge assembly. To minimize binding, the passive door-open thermal control policy was modified to limit the number of door actuations and the latitude at which they occurred, especially on the sunlit side of the rev, where binding was most pronounced. The result was a slight increase in total power consumption for additional heater usage, with no impact on operational photography or mission duration.

c. Camera Electronics Assembly Pulses

Spurious current spikes were seen in the camera electronics assembly monitor a number of times during the mission. This condition was probably caused by insufficient rotation of the slit encoder shaft into the dead band after slit transition. Subsequent drifting of the shaft out of the dead band region resulted in the retriggering of the braking one-shot. On rev 389, the slit electronics was switched to side B. When the problem persisted, the 9-inch slit position was restricted to a narrow range around the nominal position. This reduced the possibility of a slit lockup in a position grossly incompatible with that required for the majority of operational photography. On rev 527, when testing and analysis showed the risk of a slit lockup was minimal, the restriction was removed and normal operations resumed. There was no impact on acquired operational photography.

d. Blast Shield Valve

Instrumentation indicated that the blast shield valve door did not close completely following SRV-1 ejection. This is believed to be an ambiguous instrumentation reading resulting from potentiometer contamination and/or oxidation. This failure had no impact on the mission.

e. Termination Event Instrumentation

Several instrumentation switches monitoring termination-related functions (9-inch and 5-inch TSRTs and Cutter/Sealer #2) failed to give proper readings several times during the mission. As in past missions, this is attributed to microswitches and/or adjustment thereof. Redundant monitor-only switches indicated proper function of the associated cutters, hence these failures had no impact on the mission.

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SECTION III

FILM AND PROCESSING EVALUATION

A. INTRODUCTION

This section presents information on Mission 4354 film load and usage, original film processing and physical degradation, and mission sensitometry.

B. FILM LOAD AND PROCESSING SUMMARY

1. Film Load Data

A summary of film loads by type and quantity is shown in Table 3-1.

2. Processing and Defilming

Mission 4354 processing information based on readout data is presented in Table 3-2. Locations of manufacturing splices are listed in Table 3-3. Optical titling information is given in Table 3-4. The cut between SRV-1 and SRV-2 occurred in frame 9037 of rev 889 on the 9-inch film and in frame 5004 of rev 878 on the 5-inch. The last titled frames of the mission were rev 1881, frame 9025 and rev 1883, frame 5005.

a. Mission 4354-1

SRV-1 arrived at Bridgehead at 0745 EDT on 12 June 1984. The SRV was in good condition and was opened and prepared for defilming operations without incident. The rolls were firmly wound, and the roll diameters were below the film flanges. The SRV was clean with no sign of battery acid leakage or venting. The 9-inch diameter roll measured 13.435 inches, and the 5-inch diameter roll measured 6.929 inches.

The 9-inch film was removed by 1418 EDT, and the 5-inch film by 1700 EDT. The 9-inch SO-315 film was processed first, followed by the 9-inch SO-312, 9-inch SO-409, 5-inch SO-315, 5-inch SO-312, and 9-inch 3414. All the black-and-white films were processed on Ontario black-and-white processors. The SO-130 infrared film and the SO-255 color film were processed on the MP^2 color processor. All processing was completed by 1200 EDT on 14 June 1984.

Optical titling was incomplete on some portions of both the 9-inch and 5-inch films (see Table 3-4). Flare marks on the jog frames were interpreted by the optical titling sensor as extra frame marks causing loss of synchronization which resulted in untitled frames. These frames were subsequently manually titled.

b. Mission 4354-2

SRV-2 arrived at Bridgehead at 1615 hrs EDT, 12 August 1984. The SRV was in good condition. Both rolls had 2-3 convolutions of unspooling at the outer wraps, typical of previous SRV-2's. The last three inches of film on the 5-inch roll was shredded as a result of the run-out after loss of tension. No imagery was affected.

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TABLE 3-1

FILM LOAD: TYPES, QUANTITIES, AND USAGE

Nine-Inch Camera System (feet)

Film Type	SO-315	SO-312	SO-409	3414	Total
Film delivered to pad (preflight measurements)	350	4,045	9,075	100	13,570
Mission Segment 1 (revs 1-895)					
Preflight usage (unexposed)	108	-----	-----	--	108
Total exposed	238	4,040	2,405	53	6,736
Total film	346	4,040	2,405	53	6,844
Mission Segment 2 (revs 896-1888)					
Film wrap (unexposed)	---	----	13	--	13
Total exposed	---	----	6,642	46	6,688
Total film	---	----	6,655	46	6,701
Mission Totals (revs 1-1888)					
Total unexposed	108	-----	13	--	121
Total exposed	238	4,040	9,047	99	13,424
Total film	346	4,040	9,060	99	13,545

Five-inch Camera System (feet)

Film Type	SO-315	SO-312	SO-255	SO-130	Total
Film delivered to pad (preflight measurements)	355	2,320	200	400	3,275
Mission Segment 1 (revs 1-895)					
Preflight usage (unexposed)	117	-----	---	---	117
Total exposed	238	1,013	100	199	1,550
Total film	355	1,013	100	199	1,667
Mission Segment 2 (revs 896-1888)					
Film wrap (unexposed)	---	8	--	---	8
Total exposed	---	1,297	99	199	1,595
Total film	---	1,305	99	199	1,603
Mission Totals (revs 1-1888)					
Total unexposed	117	8	---	---	125
Total exposed	238	2,310	199	398	3,145
Total film	355	2,318	199	398	3,270

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TABLE 3-2

FILM PROCESSING SUMMARY

Mission Segment	Film	Processor	Process Spec. No.	9-inch camera Total frames	9-inch camera Total Footage	5-inch camera Total frames	5-inch camera Total Footage
1	SO-315	Ontario 10	878	441	346	558	355
	SO-312	Ontario 9	881	7,151	4,040	1,908	1,013
	SO-409	Ontario 10	882	3,942	2,405	---	---
	3414	Ontario 9	845	59	53	---	---
	SO-255	MP^2	101	----	----	186	100
	SO-130	MP^2	121	----	----	309	199
	Segment Total			11,593	6,844	2,961	1,667
2	SO-312	Ontario 10	881	---	---	2,225	1,305
	SO-409	Ontario 9	882	11,141	6,655	---	---
	3414	Ontario 9	845	103	46	---	---
	SO-255	MP^2	101	---	---	182	99
	SO-130	MP^2	121	---	---	233	199
	Segment Total			11,244	6,701	2,640	1,603
	Preflight *			------	108	-----	117
	Postflight *			------	13	-----	8
	Mission total			22,837	13,545	5,601	3,270

* Preflight and postflight footages included in total film footages.

TABLE 3-3

SPLICE LOCATIONS

Mission Segment	Camera	Rev	Frame	Film Types
1	9"	026	9033	SO-315 to SO-312
		528	9014	SO-312 to SO-409
		888	9030	SO-409 to 3414
	5"	135	5004	SO-315 to SO-255
		253	5001	SO-255 to SO-312
		472	5001	SO-312 to SO-130
		595	5001	SO-130 to SO-312
		710	5025	SO-312 to SO-130
		808	5003	SO-130 to SO-312
2	9"	919	9017	3414 to SO-409
	5"	1014	5001	SO-312 to SO-255
		1196	5002	SO-255 to SO-130
		1311	5002	SO-130 to SO-312
		1702	5002	SO-312 to SO-130
		1813	5001	SO-130 to SO-312

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TABLE 3-4

OPTICAL TITLING

Mission Segment	Film	Percent Titled 9-inch	5-inch
1	SO-315	50.1	74.0
	SO-312	90.6	74.4
	SO-409	97.9	----
	3414	15.3	----
	SO-255	----	75.8
	SO-130	----	88.0
2	SO-312	----	47.9
	SO-409	89.2	----
	3414	20.4	----
	SO-255	----	0
	SO-130	----	0

There was evidence of battery leakage on the bottom and sides of the SRV. A small amount of electrolyte had spilled onto the extreme tail of both the 9-inch and 5-inch films. No imagery was affected.

Excessive curl, characteristic of film dryness, was noted during the defilming of the 9-inch film. A number of static marks were observed on this mission segment, which is also indicative of film dryness. The 9-inch roll diameter measured 13.286 inches, and the 5-inch roll diameter measured 6.821 inches. Defilming of the 9-inch and 5-inch films was completed by 1810 and 2130 EDT respectively.

Processing of the 9-inch SO-409 was started on the Ontario black-and-white processors at 2245 EDT followed by the 5-inch SO-312 and the 9-inch 3414 film. The SO-255 film and SO-130 films were processed on the MP^2 color processor. Processing was accomplished without any problems and was completed at 1815 EDT on 13 August 1984.

Optical titling was incomplete because of flare and the large number of equal frame lengths which made synchronization by the titling system difficult.

C. PHYSICAL DEGRADATIONS

1. Mission 4354-1

Typical minor film defects were found, however, none of the defects occurred with a frequency that would indicate a problem with films, camera system, or processors.

2. Mission 4354-2

Typical minor film defects were found, however, none of the defects occurred with a frequency that would indicate a problem with films, camera system, or processors.

D. SENSITOMETRIC CURVES

Mission film samples exposed on the Kodak 1B sensitometer and processed with the recovered mission films were used to derive the sensitometric curves. The D-log H curves for the individual film segments are presented in Figures 3-1 through 3-8.

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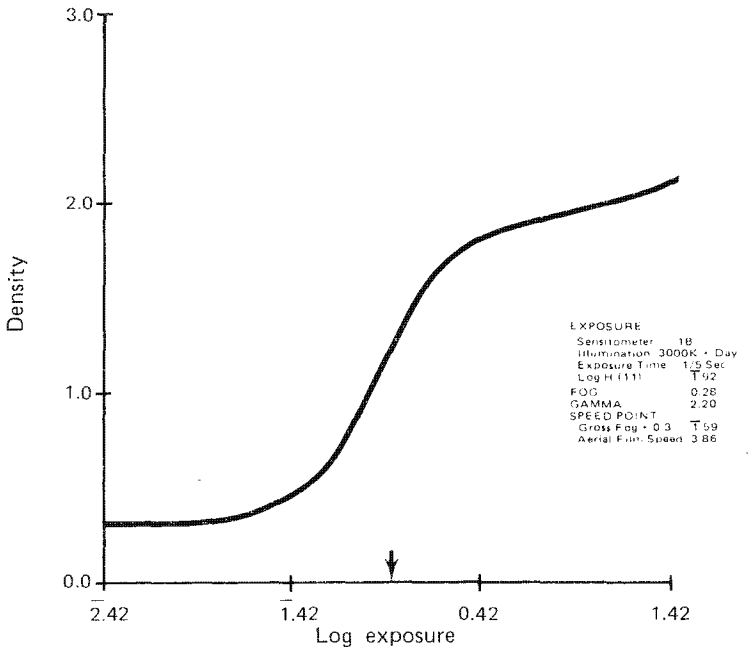

FIGURE 3-1: SENSITOMETRIC DATA, SO-312 FILM(9-INCH CAMERA)

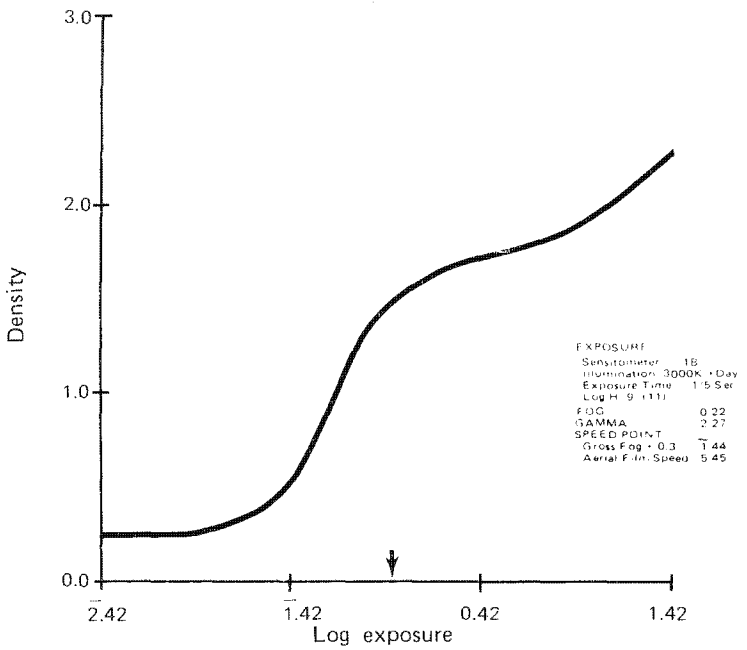

FIGURE 3-2: SENSITOMETRIC DATA, SO-315 FILM(9-INCH CAMERA)

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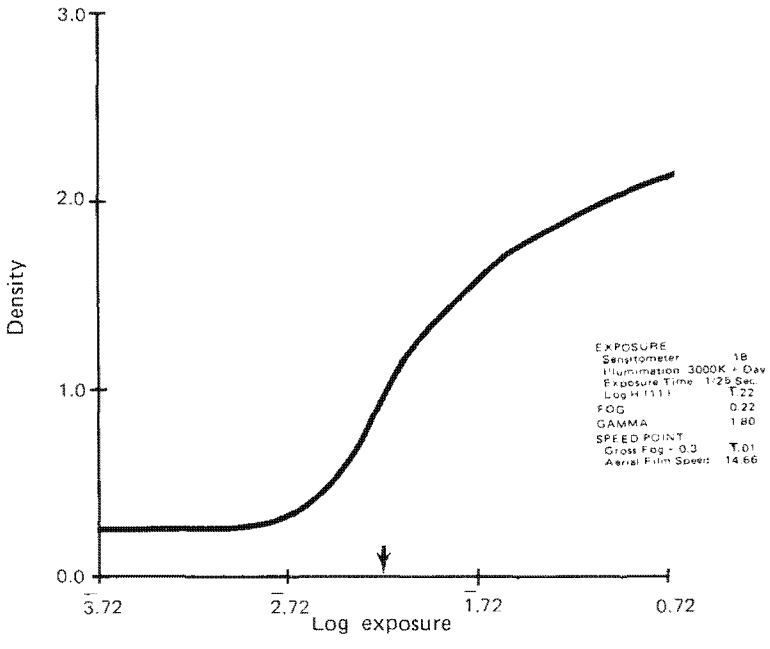

FIGURE 3-3: SENSITOMETRIC DATA, 3414 FILM(9-INCH CAMERA)

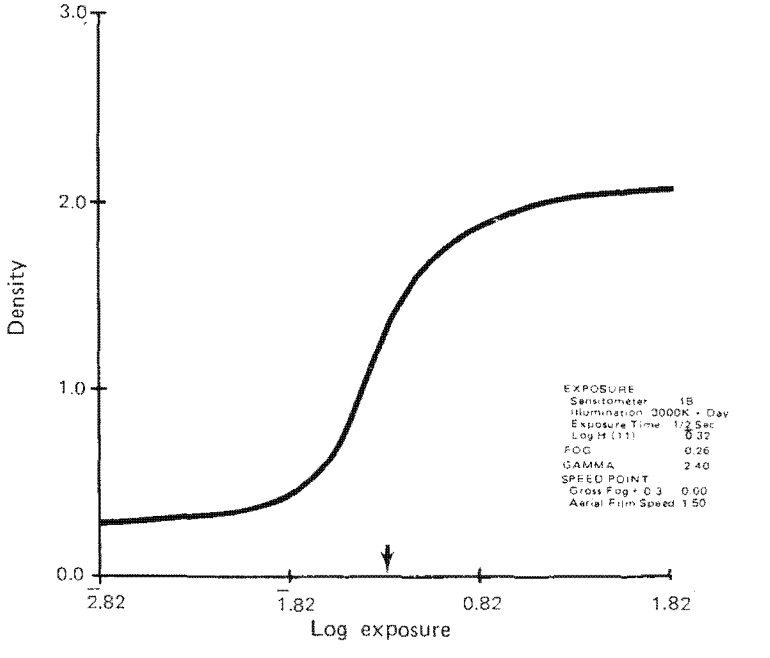

FIGURE 3-4: SENSITOMETRIC DATA, SO-409 FILM (9-INCH CAMERA)

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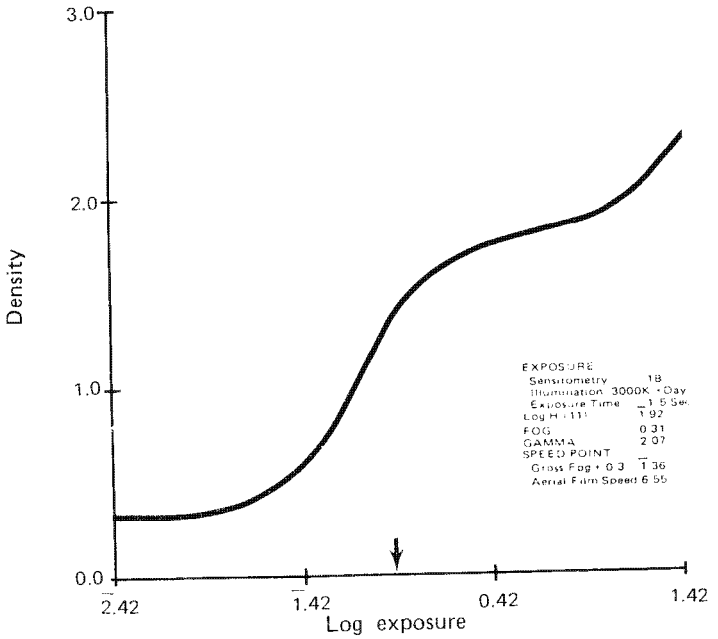

FIGURE 3-5: SENSITOMETRIC DATA, SO-315 FILM(5-INCH CAMERA)

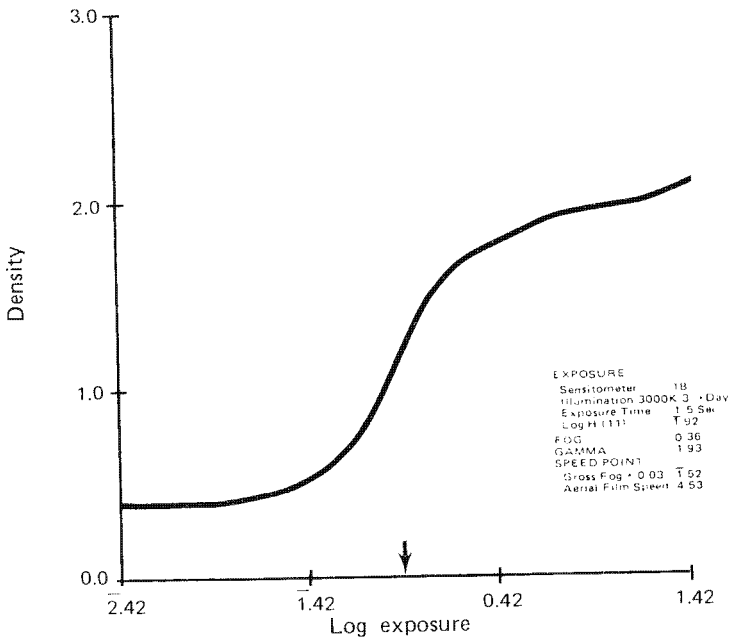

FIGURE 3-6: SENSOTOMETRIC DATA, SO-312 FILM(5-INCH CAMERA)

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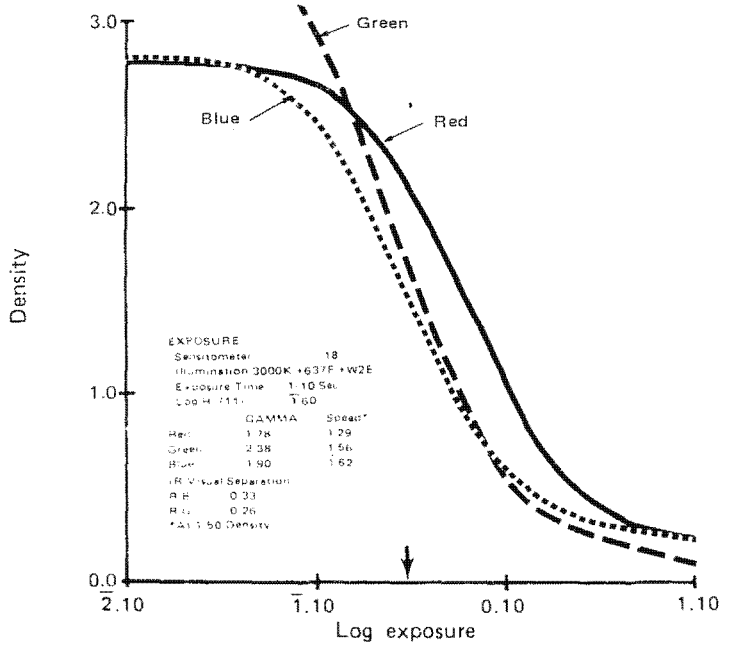

FIGURE 3-7: SENSITOMETRIC DATA, SO-130 FILM(5-INCH CAMERA)

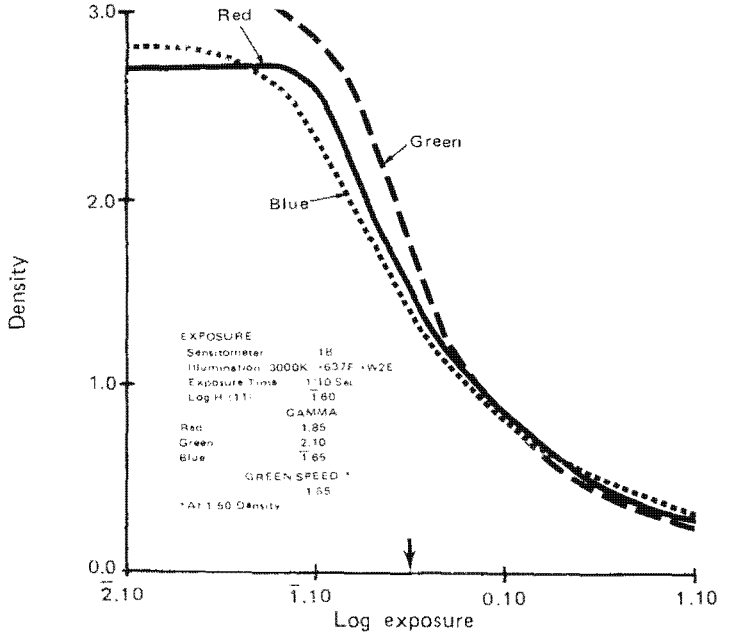

FIGURE 3-8: SENSITOMETRIC DATA, SO-255 FILM(5-INCH CAMERA)

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SECTION IV

IMAGE EVALUATION

A. INTRODUCTION

This section presents the results of the post flight evaluation of the original negative and duplicate positive. The evaluation was based upon tribar readings of CORN displays, focus analysis, smear data, exposure data, and subjective and objective analyses of sample mission photography.

B. OBJECTIVE EVALUATION

1. Focus

The PPS was launched with both cameras in a fail safe Biased Platen Position (BPP) of +0.5 mils. The fail safe position represents the best compromise focus and film bias position for the entire mission, should the platen adjust mechanism fail to function after launch. Platen moves were not required after verification of nominal hardware operation during the rev 2 payload health check, since both 9-inch and 5-inch BPPs corresponded with the film bias required for the first film segment in each camera.

Initial focus sensor data was in excellent agreement with the prelaunch recommendation of 0.0 mils. Subsequent focus data analyses indicated a steady rise in Best Electrical Focus (BEF) associated with rising Camera Optics Assembly temperatures. Like Mission 4353, this positive rise in BEF was not consistent with the factory isothermal coefficient measured for this vehicle (+0.08 mil focus change per 1^{0} F increase in temperature). However, as has been pointed out in previous PET reports, the Camera Optics Assembly is never isothermal on orbit.

The unresolved BEF vs. Best Photographic Focus offset experienced on Mission 4353 led to the development of a focus predictor to corroborate the electrical focus sensor output. Analysis of focus data from vehicles 48 through 53 resulted in development of an "isothermal" model which estimated BPF based upon the factory measured isothermal coefficient of the vehicle and on-orbit measurements of stereo mirror temperature. The model indicated that after the initial change in focus due to launch-induced factors, changes in BPF were, for the most part, related to changes in stereo mirror temperature. Figure 4-1 shows the relationship between predicted BEF from the isothermal model (ISOBEF) and actual photographic focus (BPF) for vehicles 48 through 53.

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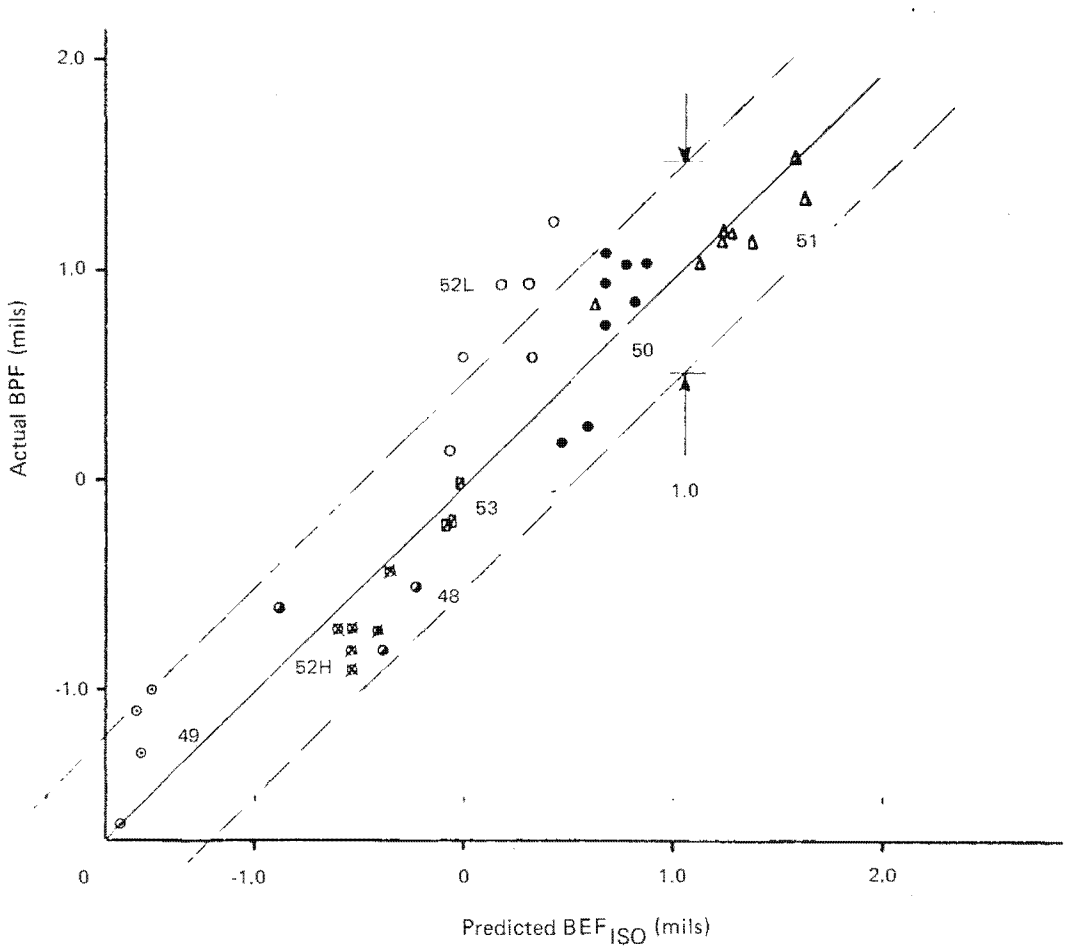

FIGURE 4-1: APPLICATION OF THE ISOTHERMAL MODEL TO RECENT MISSIONS

A contingency plan was developed to prepare for the possibility of a non-thermally driven focus change. In this case there would be a discrepancy between BEF and ISOBEF. The plan was to make platen adjustments in response to focus sensor readings until the discrepancy between BEF and ISOBEF was equal to 0.7 mils, and, if greater than 0.7 mils, no further adjustments were to be made until the discrepancy was resolved. A discrepancy did occur on this mission, and a recommended platen position of +0.9 mils was submitted by the contractor. The approved platen position, however, was heavily weighted by the isothermal model, and remained at the ISOBEF value of 0.3 mils for the first mission segment. Figure 4-2 traces the Mission 4354 focus history and should be referred to for the following discussion.

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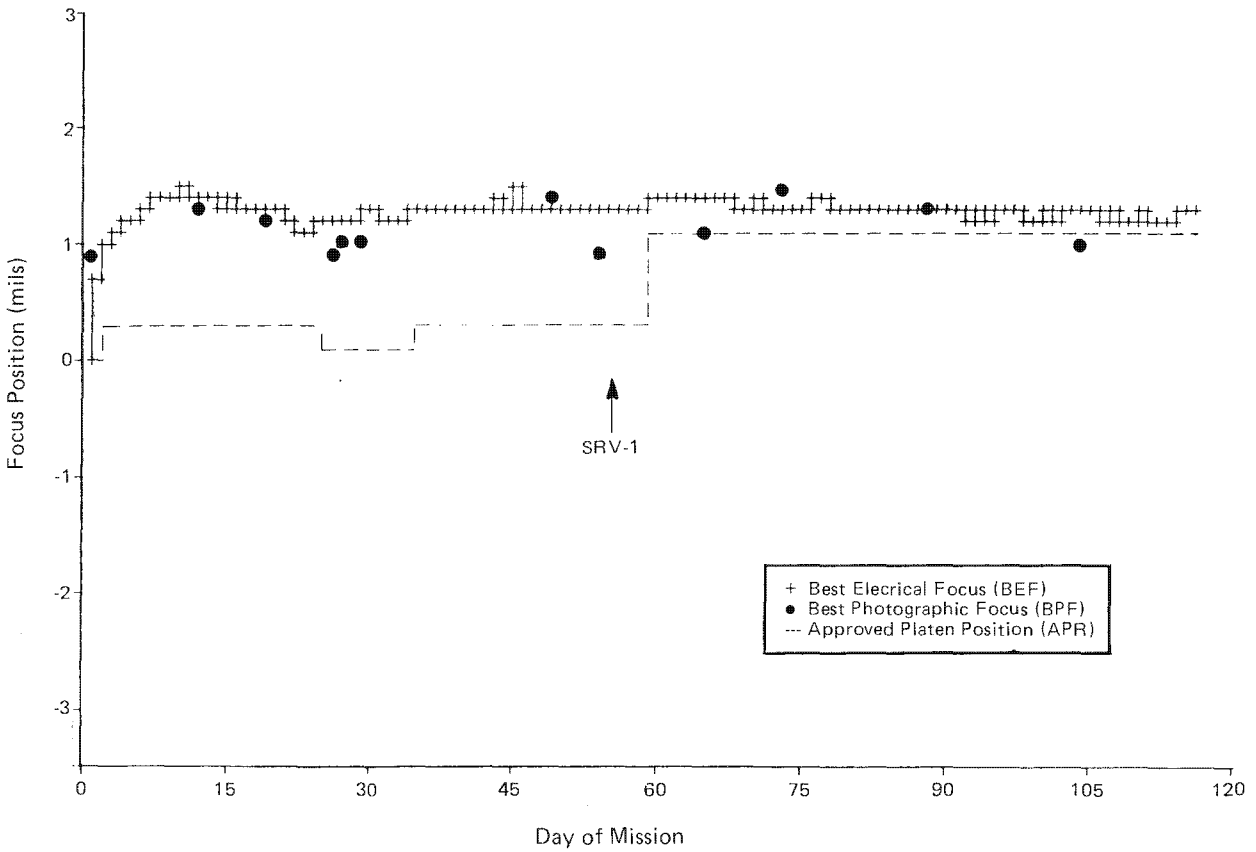

FIGURE 4-2: FOCUS HISTORY, MISSION 4345

After recovery of the first SRV, eight CDFR experiments were analyzed to determine the platen position for best photographic focus. Results of the analysis revealed that the platen position for best photographic focus should have been 1.1 mils (standard deviation = 0.2 mils). BPF appeared to be biased relative to BEF by -0.2 mils. Focus was corrected on rev 947 (day 60) by moving the platen from 0.3 to 1.1 mils. The "isothermal" model used to set focus during the first mission segment did not prove to be representative of actual 4354 focus. The reason for the non-correlation is not known. Focus sensor data remained extremely stable for the remainder of the mission and no additional focus recommendations were made.

Four CDFRs were analyzed at the SRV-2 Quick Look. These experiments confirmed that the platen was set at near optimum focus, with BPF at +1.3 mils and a standard deviation of 0.2 mils. The +0.2 mils bias of BPF relative to BEF and APR is not considered significant.

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2. Lens System

Operational astigmatism was estimated from analysis of defocused CORNs. Although this is considered a relatively crude method, it was estimated that the on-orbit astigmatism was within the 0.5 mil value measured in the factory.

3. Smear

Smear data were collected from 4354 9-inch frames chosen at random from operational photography. Overall smear statistics are better than the average for this block of vehicles. Table 4-1 compares Mission 4354 overall smear statistics with those of 4342 through 4353. All data refers to computed smear at the center of the film format. Smear rate histograms are shown in Figure 4-3.

TABLE 4-1

SMEAR RATE DISTRIBUTION BY MISSION
(Microradians/Sec.)

		IN-TRACK				CROSS-TRACK				
	Mission	Signed Distribution		Folded distribution		Signed distribution		Folded distribution		Sample
Camera	Number	Mean	Std. Dev.	Mean	Std. Dev.	Mean	Std. Dev.	Mean	Std. Dev.	Size
	4342	20	123	98	76	-44	129	107	82	80
	4343	-21	91	71	59	9	113	94	63	87
	4344	53	157	128	106	-68	128	118	84	104
	4345	-55	162	135	105	23	137	112	81	203
	4346	-53	133	115	86	10	104	80	68	194
	4347	-48	149	124	87	-46	109	94	70	163
					BLOCK 48					
	4348	-30	142	115	88	-3	121	96	73	199
	4349	24	140	108	92	-58	141	123	88	592
	4350	6	120	89	81	-65	123	109	87	581
	4351	14	102	77	68	-70	119	109	85	838
9-inch	4352-High	9	57	32	48	-23	37	35	26	94
	4352-Low	28	90	69	64	-135	88	138	82	128
5-inch	4352-High	11	29	26	16	-14	48	35	34	17
	4352-Low	33	144	108	98	-94	92	107	76	21
9-inch	4353	-41	81	70	57	3	112	90	66	500
5-inch	4353	-19	122	97	76	81	111	112	79	75
9-inch	4354	-17	81	62	54	-1	100	82	58	435

Note: There were no smear slits on the 5-inch camera prior to 4352.

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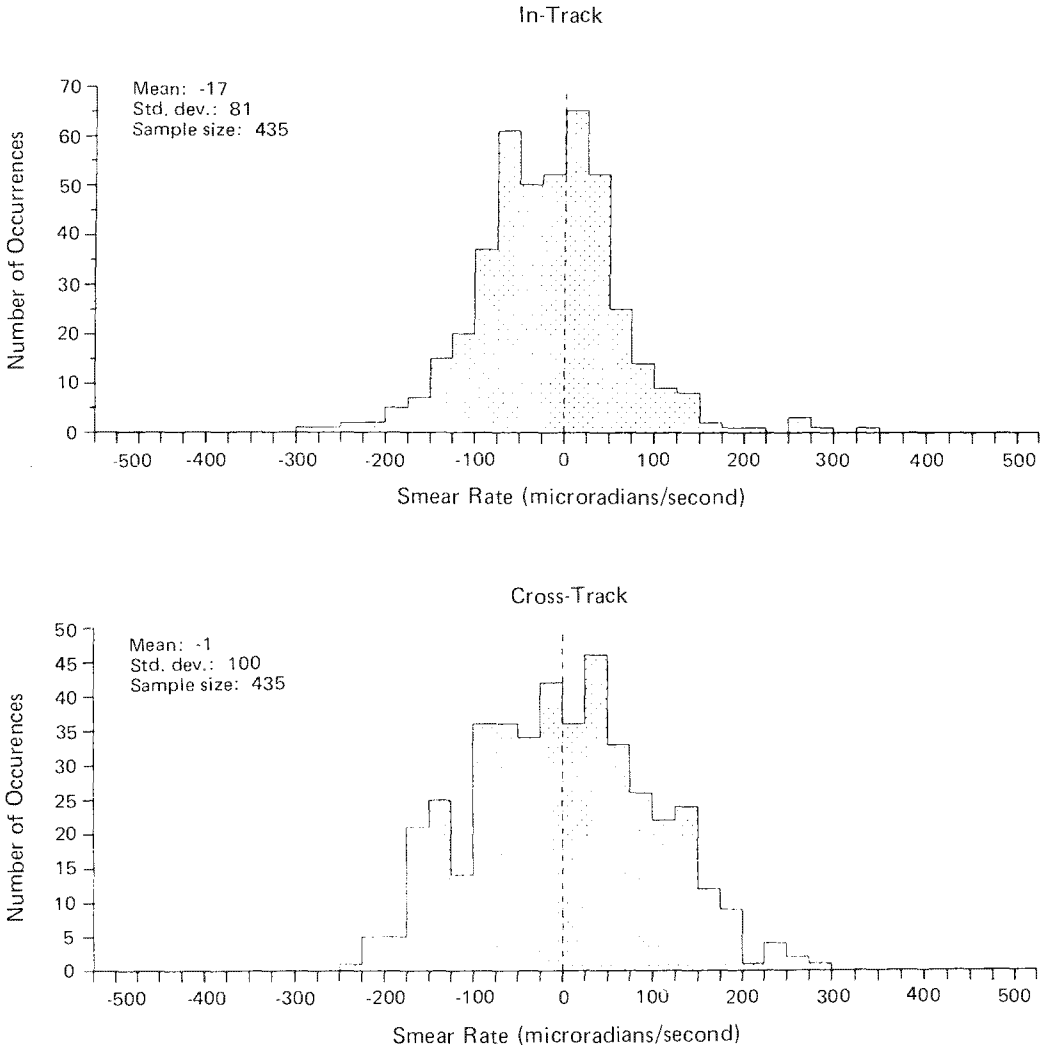

FIGURE 4-3: SMEAR RATE DISTRIBUTION, MISSION 4354

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Table 4-2 shows the smear rate data from the entire mission grouped by hardware and software bias configuration. Line A presents the results obtained during the first half of 4354-1, when the Redundant Attitude Control System (RACS) was in control. Line B depicts the results obtained while the Primary Attitude Control System (PACS) was in control, beginning about midway into 4354-1 and extending into the early portion of 4354-2. Line C shows the results obtained after a software bias (roll correction) of +0.133 degrees was implemented to correct the target location cross-track bias described in Section II. An a priori -0.1 degree yaw bias was in effect for the entire mission; this bias was estimated from cross-track smear biases observed on previous missions and was successful in reducing the cross-track smear bias on this mission to a negligibly small value.

TABLE 4-2

HARDWARE AND SOFTWARE EFFECT ON SMEAR RATES

			SOFTWARE BIASES (degrees)						SMEAR RATES (microradians/second)			
				SCS		PPS			IN-TRACK		CROSS-TRACK	
Line	Rev Span	Guidance System	Roll	Pitch	Yaw	Pitch	Yaw	Samples	Mean	Std. Dev	Mean	Std. Dev
A	1-392	RACS	-.059	0	-.100	-.025	-.031	131	-23	95	-19	102
B	393-980	PACS	-.059	0	-.100	-.025	-.031	137	-19	86	5	95
C	981-1884	PACS	.074	0	-.100	-.025	-.031	167	-11	63	9	101

Attitude and misalignment bias errors were estimated by performing a least squares fit to the target miss-distance and random sample smear data. Results of these fits are presented in Table 4-3. Line A utilized data gathered while the SV attitude control was provided by RACS; line B used PACS data. The results of the two fits are very close, with the exception of the individual yaw components. Because the PPS yaw is highly correlated with SCS yaw, and PPS pitch is highly correlated with SCS pitch, the individual attitude/misalignment bias components cannot be thought of as indicating actual sources of error, but rather a means for providing an optimum compensation of observed smear and pointing biases. Since it is unlikely that the PPS yaw misalignment bias would change during the flight, a reasonable conclusion to be drawn from Table 4-3 is that the yaw bias is attributable to the SCS, and has a value of approximately -0.1 degrees. This is consistent with results from recent missions. The specific cause of this yaw bias has never been determined.

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TABLE 4-3

RESULTS OF LEAST-SQUARES FITS OF SMEAR AND POINTING DATA FROM MISSION 4354

Estimated Biases (degrees)

Line	Rev Span	Roll	SCS Pitch	SCS Yaw	PPS Pitch	PPS Yaw	Number of Smear Samples	Residual Smear Rates* IT	Residual Smear Rates* XT
A	1-392	.070	.091	-.057	-.138	-.092	130	82	72
B	393-1884	.057	.096	-.100	-.120	-.018	304	61	71

*microradians/second, one sigma

4. Resolution Statistics

All CORN acquisitions were read by three readers representing EK and SAFSP. Table 4-4 summarizes the average performance for the black-and-white films carried on the 9-inch camera. Resolution values were read from the original negative and include all CORN acquisitions that were taken at a nominal platen position. Overall and individual SRV statistics are shown in order to demonstrate the improvement in quality after the focus bias was implemented. Complete CORN results are shown in Appendix B.

TABLE 4-4

AVERAGE RESOLUTION SUMMARY OF TRIBAR TARGETS
(GRD)

Original Negative

Mission Segment 1

Camera	Film Type	IT	XT	GM	No. of Samples	
9-inch	SO-312				16	(b)(1)
9-inch	SO-315				2	(b)(3)
9-inch	SO-409				14	

Mission Segment 2

9-inch	SO-409				33	(b)(1) (b)(3)

Mission Total

9-inch	SO-312				16	(b)(1)
9-inch	SO-315				2	(b)(3)
9-inch	SO-409				47	

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C. EXPLOITATION SUITABILITY

Tables 4-5 and 4-6 summarize NIIRS data by mission segment and film type. Comparison of the cameras based on NIIRS statistics indicates no real difference in exploitation suitability between the 9 and 5-inch camera imagery. NIIRS data shows that the SO-312, SO-315 and SO-409 films were comparable throughout this mission.

The segment to segment comparison of each film type, using only the clear weather/complete coverage NIIRS ratings, indicates little or no change in average NIIRS between segments.

(b)(1)
(b)(3)

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(b)(1)
(b)(3)

D. FILM EVALUATION

1. Subjective Evaluation By Film Type

The 9-inch film load consisted of SO-409 with lesser quantities of SO-312, SO-315, and 3414. This was the first mission to use SO-409 as the primary 9-inch black-and-white film. SO-409 has the finest grain size (and slowest speed) of the available films. It has the potential for the best image quality, but actual quality as compared with other film types will vary more as smear varies. SO-312, a faster film than SO-409, was the primary film used on the 5-inch camera. The 5-inch camera also contained small quantities of SO-315, SO-130 (color IR), and SO-255 (color). The small quantities of SO-315 and 3414 films were used primarily for their physical properties. The frictional characteristics of SO-315 reduce looper slippage during prelaunch vertical testing. The thickness of the 3414 provides better tracking characteristics than the thinner films and is used in the 9-inch camera to optimize the splice/cut/run-in operation at the start of SRV-2.

The overall image quality of the cloud-free and haze-free imagery acquired on 4354-1 black-and-white films ranged from fair to very good, with the majority of the frames judged to be in the good category.

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The overall image quality of the cloud-free and haze-free imagery acquired on 4354-2 black-and-white films ranged from fair to excellent, with the majority of the frames judged to be in the good to very good category. Image quality improved after the focus setting adjustment initiated early in 4354-2.

Subjective assessments indicate that the image quality of each film type was uniformly consistent prior to the focus setting adjustment. The quality improved after the adjustment and remained consistent. This suggests that the system performed in a stable manner throughout mission 4354.

a. SO-312 (9-inch)
Used only during 4354-1. The cloud-free and haze-free imagery varied in quality from fair to good.

b. SO-312 (5-inch)
Quality of the cloud-free and haze-free imagery varied from fair to good. SO-312 5-inch image quality was comparable to SO-312 9-inch image quality, implying that both cameras were comparable.

c. SO-315 (9-inch and 5-inch)
This film type was used in the beginning of mission segment 1 on both cameras. The image quality ranged from fair to good and compares to the quality acquired with the first segment SO-312 film.

d. SO-409 (9-inch)
Film type SO-409 was used in the 9-inch camera only, comprising three-quarters of the film load. The cloud-free and haze-free imagery varied in quality from fair to excellent. The number of very good ratings increased on 4354-2.

e. 3414
The 9-inch camera contained a 100 foot segment of 3414 film located at the end of SRV-1 and the beginning of SRV-2. The image quality was good and comparable to the quality expectations from this film type.

f. SO-255
This color film was used only in the 5-inch camera. The color image quality as characterized by contrast and color balance was good to very good.

g. SO-130
This infrared film was used only in the 5-inch camera. Color balance and contrast were good. IR image quality was similar to that of previous color infrared imagery acquired with similar seasonal and weather conditions. There are instances of strong IR returns.

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2. Reproduction System Evaluation

The modulation transfer function of Figure 4-4 depicts the nominal image transfer of SO-312 original negative images to SO-299 duplicate positives. The curve describes the modulation transfer of the system as a function of spatial frequency.

It is important to note that inferences which relate to other measures of system performance, such as resolution transfer, cannot be made from the Modulation Transfer Function.

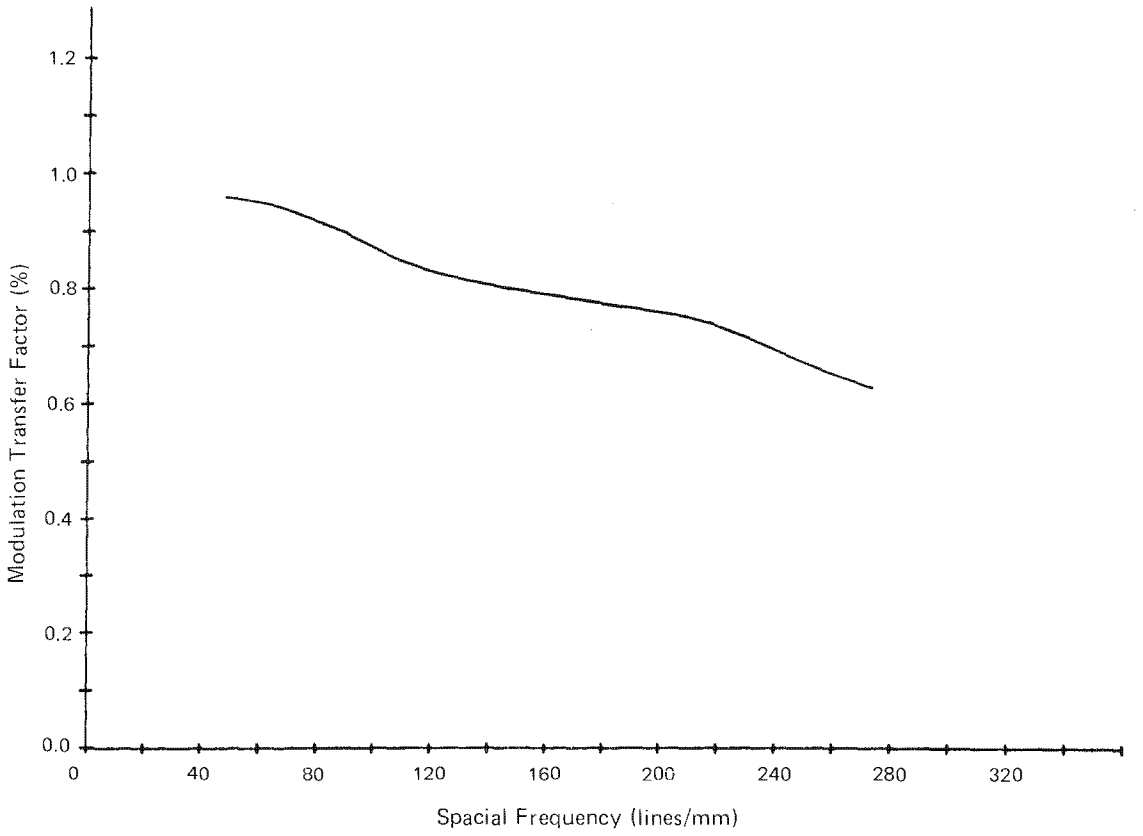

FIGURE 4-4: MISSION 4354 REPRODUCTION MTF (SO-312 onto SO-299)

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E. EXPOSURE ANALYSIS:

Exposure of all black-and-white films (SO-315, SO-312 and SO-409) was nominal throughout the mission. SO-255 color film tended to be a little underexposed on SRV-1. A 1/3 stop (.10 log E) exposure increase was implemented on SRV-2.

1. Exposure Recommendations

a. Basic Exposure Recommendations

The general exposure algorithm for each film was generated using the exposure recommendation program FASTERK. FASTERK calculates aim densities as a function of solar altitude and includes provisions for the following biases: smear-exposure trade-off, orbital environment speed shift, and an empirical bias based on observed data.

The environmental biases for SO-315, SO-312, and SO 409 were -0.05 log E, -0.10 log E, and -0.15 log E, respectively. Empirical biases of +.05 log E for SO-255 and +.15 log E for SO-130 were also used for mission 4354.

Figures 4-5 through 4-9 show the initial exposure recommendations as well as the subsequent modification for SO-255 film.

b. On-orbit Applied Exposure Biases

(1) Snow Bias

No snow bias was applied for less than four inches of snow. A -0.10 log E bias was applied for four inches of snow or more. Where the total snow depth was ten inches or greater a bias of -0.20 log E was applied.

(2) Reflectance Bias

Exposure modifiers were applied to account for different target reflectances. These modifiers are kept on file for each specific target.

2. Description of Exposure Analysis

Exposure evaluation was based upon density measurements of urban/industrial scenes made with a MacBeth macrodensitometer. The measured mean densities of each scene were converted to log exposure using macrosensitometry. The exposure differential corresponding to the difference between the mean scene density and the aim density is the "Total Log E Error". Part of this error is the "Camera Log E Error," caused by deviation from the recommended exposure time. Camera error may be due to slit granularity or an applied exposure bias, or both. The remainder of the "Total Log E Error" is the "Algorithm Log E Error" (a plus value of this algorithm causes overexposure).

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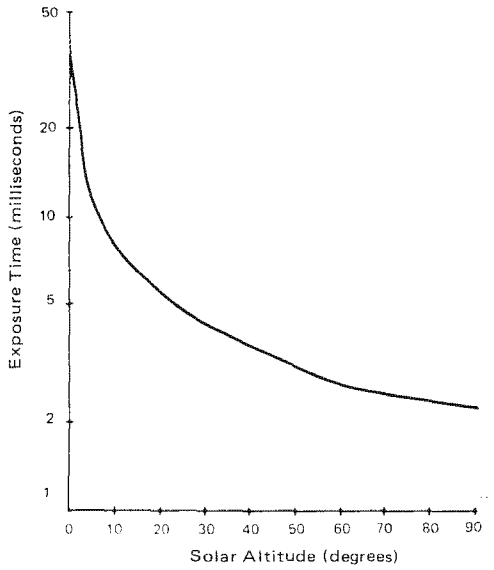

FIGURE 4-5: SO-315 FILM EXPOSURE RECOMMENDATION

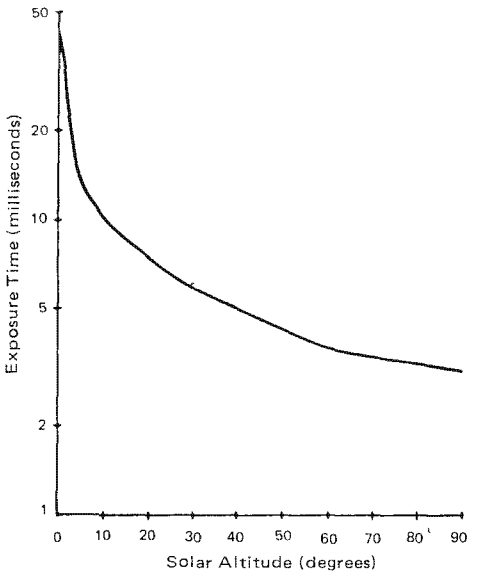

FIGURE 4-6: SO-312 FILM EXPOSURE RECOMMENDATION

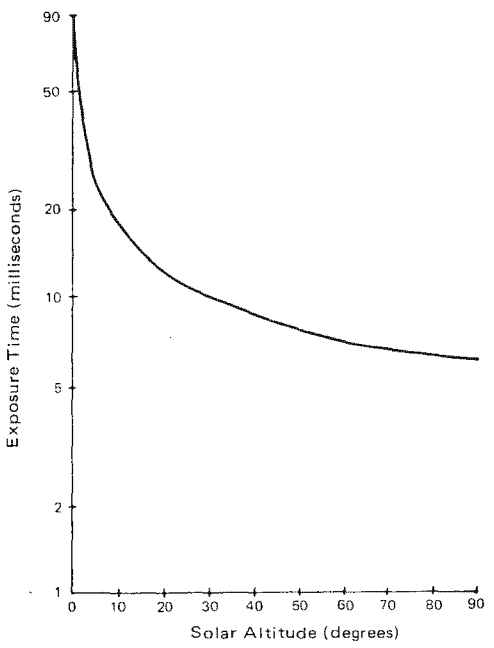

FIGURE 4-7: SO-409 FILM EXPOSURE RECOMMENDATIONS

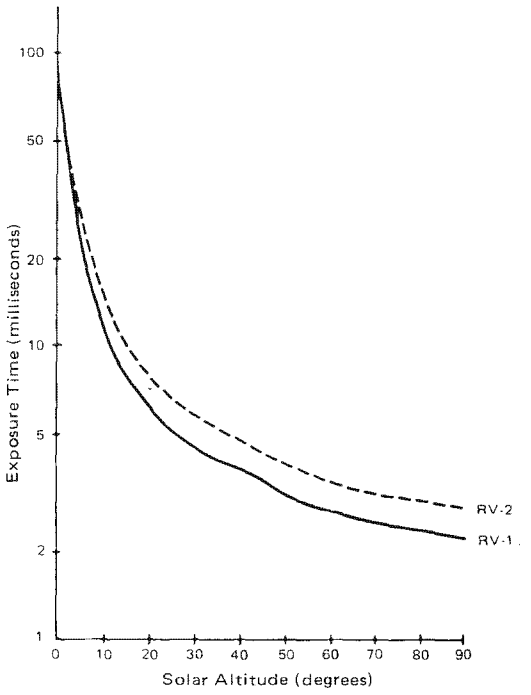

FIGURE 4-8: SO-255 FILM EXPOSURE RECOMMENDATION

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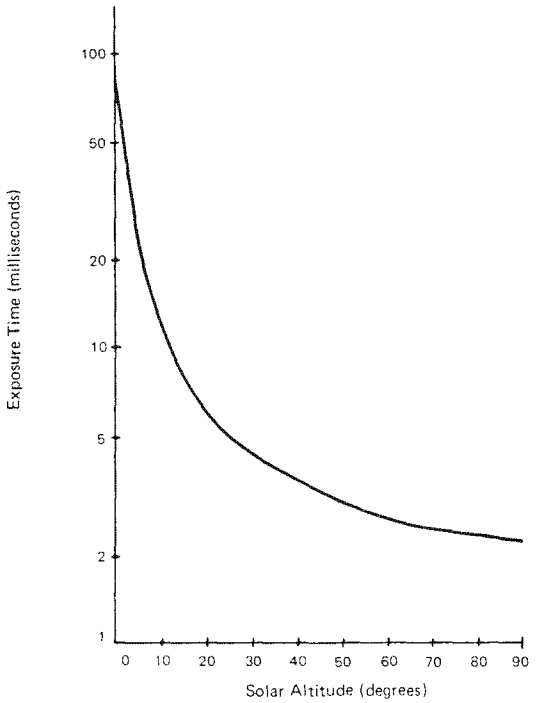

FIGURE 4-9: SO-130 FILM EXPOSURE RECOMMENDATION

3. Evaluation of Exposure

The average exposure error on each of the black-and-white film types was 0.04 log E or less. This is well within the bounds considered nominal exposure. SO-255 film was evaluated subjectively and judged to be slightly underexposed. Subsequent densitometry confirmed this evaluation. A 0.10 log exposure increase was implemented on SRV-2 for this film type. The exposure increase was implemented by issuing a revised solar altitude vs. exposure time table. The exposure on SRV-2 was evaluated against this revised recommendation and showed nominal exposure. Exposure of SO-130 was evaluated subjectively and by densitometric measurements. The exposure ranged from nominal to slightly underexposed. No exposure change was made for this film type. A summary of average measured exposure error is shown in Table 4-7.

TABLE 4-7

MISSION 4354 EXPOSURE SUMMARY

				Log Exposure Error		
Film	Camera	SRV	No. of Samples	Total	Camera	Algo
SO-315	9-inch	1	13	.03	0	.04
SO-315	5-inch	1	16	.02	0	.02
SO-312	9-inch	1	23	-.02	0	-.03
SO-312	5-inch	1	21	-.03	-.02	-.02
SO-409	9-inch	2	19	.02	.01	.01
SO-255	5-inch	1	10	-.13	.02	-.15
		2*	8	-.05	-.02	-.03
SO-130	5-inch	1	17	-.09	-.01	-.07
		2	13	-.04	-.01	-.03

*0.10 Log exposure increase implemented on SRV-2

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SECTION V

SUMMARY OF CONCLUSIONS

A. SECTION I - MISSION OPERATION AND STATISTICS

1. Mission 4354 surpassed all previous GAMBIT missions in the categories outlined in the abstract.

[redacted]

3. Mission 4354 returned a best resolution of [redacted] (b)(1)
(cross-track). The mission median geometric mean value on the 9-inch system was (b)(3)
[redacted] during 4354-1 and [redacted] during 4354-2.

B. SECTION II - SATELLITE VEHICLE PERFORMANCE

1. The cross-track smear bias was lower than on any previous mission since 4342. This was due in part to an a priori yaw bias compensation applied for the duration of the mission.

2. Cross-track pointing bias observed during 4354-1 was eliminated by the application of software compensation.

3. The effects of the failure of the primary inertia changer to compensate for the reduced PPS inertia following SRV-1 separation were negated by use of the redundant inertia changer.

4. An expanded analysis of stereo mirror settling characteristics allowed significant reductions in settling time requirements. This led to greater target opportunities in the second mission segment without significant impact on image quality.

5. A procedure was successfully implemented to minimize the effects of a thermally induced binding in the viewport door hinge assembly. Effect on the mission from this anomaly was minimal. Imagery was not affected.

6. Spurious current spikes originating in the 9-inch slit mechanism were found to have no effect on mission performance or quality.

7. A 0.8 mil focus setting bias was found after analysis of the 4354-1 focus experiments. The bias was subsequently corrected for the balance of the mission.

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C. SECTION III - FILM AND PROCESSING EVALUATION

1. Defilming on 4354-1 was accomplished without incident. On 4354-2 a small quantity of vehicle battery electrolyte was present on the tail ends of both the 9-inch and 5-inch film strands. Both the 9-inch and 5-inch film stacks had two to three convolutions of loose film as a result of a slight amount of unspooling, probably a result of film tension losses as the tail portions of the film ran through the camera. The unspooling seemed typical of that experienced on previous SRV-2's. Both major defects noted, the spots from battery electrolyte and film damage at the tail ends, occurred on post-flight film containing no imagery.

2. Processing on 4354-1 and 4354-2 was accomplished without any problems.

3. The 9-inch camera film load consisted of primarily SO-409 with some SO-312 and a small quantity of SO-315. The 5-inch camera contained SO-312 as the main black-and-white film payload with small amounts of SO-255 color film and SO-130 infrared film.

4. As on previous missions, film jogs were used before and after daily payload periods to reduce flare. This procedure was effective on the slower films but not on the faster 3414 film.

D. SECTION IV - IMAGE EVALUATION

1. In-focus ground resolution as measured by CORN readings on 4354-2 was better than that measured on 4353-2.

2. Overall, black-and-white films returned good to very good imagery.

3. Exposure on all black-and-white film types was determined to be well within acceptable error limits. The SO-255 color film was slightly underexposed during 4354-1 and was adjusted by 0.10 log E for 4354-2. Although SO-130 IR film was very slightly underexposed, no adjustment was necessary.

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
4 5001	2496.77	52 48N	156 10E	81.6	190.7	2.170	12.25	46.7	SO315	.0315U	8.8962	0.6	F
5002	2499.77	52 48N	156 10E	80.7	190.7	2.170	12.60	46.7	SO315	.0315U	9.0859	0.4	V
5003	2549.37	49 27N	154 41E	77.7	189.9	2.385	5.25	49.5	SO315	.0171U	9.4322	0.6	V
5004	2552.17	49 28N	154 41E	78.7	189.9	2.385	5.60	49.5	SO315	.0171U	9.2178	0.6	A
5005	2557.77	48 55N	154 14E	76.8	189.8	2.385	-2.10	49.9	SO315	.0315U	9.5394	0.6	V
5006	2560.57	48 55N	154 14E	77.7	189.8	2.385	-1.75	49.9	SO315	.0315U	9.3415	0.6	A
9001	2499.77	52 48N	156 9E	80.7	190.7	2.170	12.60	46.7	SO315	.0309U	9.0869	0.4	V
9002	2502.57	52 48N	156 9E	81.6	190.6	2.170	12.60	46.7	SO315	.0309U	8.8808	0.4	A
9003	2539.57	50 4N	155 24E	82.8	190.1	2.170	18.90	49.1	SO315	.0168U	8.8561	0.4	V
9004	2542.57	50 4N	155 24E	84.0	190.0	2.170	19.25	49.1	SO315	.0168U	8.6252	0.4	A
9005	2567.57	48 7N	153 17E	82.7	189.7	2.170	-22.05	50.4	SO315	.0220U	8.7159	0.8	F
9006	2570.57	48 8N	153 17E	81.5	189.6	2.170	-21.70	50.4	SO315	.0220U	8.9797	0.8	V
9007	2576.77	47 42N	152 59E	84.2	189.6	2.033	-26.25	50.7	SO315	.0220U	8.7076	0.4	V
9008	2579.77	47 42N	152 58E	85.1	189.5	2.033	-26.25	50.7	SO315	.0220U	8.5345	0.4	A
5 5001	7895.97	48 45N	132 59E	87.1	189.8	2.170	25.55	50.4	SO315	.0226U	8.4545	0.6	V
5002	7899.17	48 45N	132 59E	88.4	189.7	2.170	25.90	50.4	SO315	.0226U	8.2119	0.6	A
5003	7913.17	47 42N	132 30E	87.3	189.6	2.385	24.85	51.5	SO315	.0171U	8.3191	0.4	F
5004	7930.97	46 47N	130 22E	86.6	189.3	2.170	-28.70	51.5	SO315	.0171U	8.3933	1.0	A
5005	7953.37	44 38N	131 33E	84.7	189.1	2.511	22.05	53.8	SO315	.0226U	8.5747	0.6	F
5006	7956.77	44 24N	131 32E	85.7	189.1	2.511	23.45	54.0	SO315	.0226U	8.4758	1.0	F
5007	7962.77	44 25N	131 23E	83.4	189.0	2.385	20.30	53.9	SO315	.0226U	8.6984	0.6	A
5008	7968.77	43 50N	131 29E	87.8	188.9	2.385	26.25	54.4	SO315	.0171U	8.2951	0.6	A
9001	7881.37	50 4N	132 11E	78.2	190.0	2.385	-7.35	48.9	SO315	.0220U	9.2766	0.6	A
9002	7918.17	47 15N	132 17E	83.0	189.5	2.385	20.65	51.6	SO315	.0220U	8.8613	0.4	V
9003	7935.57	46 2N	130 16E	85.0	189.3	2.170	-26.60	52.1	SO315	.0220U	8.5015	0.4	F
9004	7946.77	45 8N	131 21E	79.5	189.2	2.511	12.60	53.3	SO315	.0220U	9.1499	0.4	F
9005	8726.17	3 44S	120 29E	92.5	186.5	3.211	9.10	60.0	SO315	.0168U	7.8006	0.8	F
9006	8746.77	9 20S	119 16E	101.7	186.5	3.574	-28.35	58.6	SO315	.0168U	7.0667	1.0	A
6 5001	13267.37	46 20N	108 21E	80.8	189.4	2.033	-20.65	51.9	SO315	.0226U	8.9457	0.4	F
5002	13273.17	46 22N	108 26E	79.6	189.3	2.385	-18.20	51.9	SO315	.0226U	9.1271	0.6	A
5003	13349.37	41 0N	107 51E	77.8	188.5	2.733	9.80	56.6	SO315	.0226U	9.3250	0.4	A
5004	13360.57	40 21N	106 59E	77.5	188.4	2.733	-13.30	56.8	SO315	.0226U	9.3745	0.4	A
5005	13372.57	39 55N	107 18E	76.7	188.3	2.733	7.70	58.1	SO315	.0226U	9.4652	0.6	F
5006	13380.97	38 55N	106 23E	79.0	188.2	2.511	-19.60	58.1	SO315	.0226U	9.1436	0.8	F
5007	13384.97	38 31N	106 17E	79.4	188.2	2.511	-21.70	58.1	SO315	.0226U	9.2260	0.4	V
5008	13387.77	38 31N	106 17E	80.3	188.2	2.733	-21.70	58.1	SO315	.0226U	9.0694	0.6	A
5009	13393.17	38 7N	106 23E	77.3	188.2	2.733	-15.40	58.5	SO315	.0226U	9.4157	0.4	A
5010	13568.37	25 40N	103 43E	77.3	187.2	3.090	-16.45	66.3	SO315	.0226U	9.3662	0.6	F
5011	13571.17	25 40N	103 43E	76.4	187.1	3.090	-16.10	66.3	SO315	.0226U	9.6053	0.6	V
5012	13579.97	25 6N	103 40E	75.7	187.1	3.090	-12.95	66.6	SO315	.0226U	9.6878	0.4	V
5013	13583.17	25 1N	103 39E	76.8	187.1	3.090	-13.30	66.6	SO315	.0171U	9.4754	0.6	A
5014	13592.97	23 59N	103 11E	81.9	187.1	3.090	-23.80	66.9	SO315	.0226U	8.8220	0.6	F
5015	13617.97	22 37N	103 10E	78.2	187.0	3.090	-14.00	67.6	SO315	.0226U	9.2920	0.6	A
5016	13673.77	18 54N	102 33E	77.1	186.8	3.090	-8.40	68.9	SO315	.0226U	9.5064	0.8	V
5017	13679.17	18 24N	102 26E	78.7	186.8	3.439	-11.90	68.9	SO315	.0226U	9.2260	0.4	A
5018	13686.37	17 27N	102 47E	79.8	186.8	3.211	9.45	69.5	SO315	.0226U	9.0941	1.0	F
5019	13689.77	17 24N	102 47E	79.2	186.7	3.211	10.15	69.5	SO315	.0226U	9.2508	0.6	V
9001	13201.37	51 7N	111 29E	86.5	190.2	2.033	23.80	48.3	SO315	.0220U	8.3531	0.6	A
9002	13273.57	46 21N	108 25E	80.3	189.3	2.385	-18.20	52.0	SO315	.0220U	9.1282	0.4	A
9003	13283.77	45 50N	108 14E	77.1	189.1	2.385	-10.50	53.2	SO315	.0220U	9.4168	0.4	A
9004	13333.77	41 54N	108 14E	78.4	188.7	2.385	14.70	55.9	SO315	.0220U	9.3508	0.6	V
9005	13397.97	37 20N	106 7E	79.7	188.1	2.733	-19.25	59.0	SO315	.0220U	9.1859	0.8	F
9006	13403.57	37 20N	106 7E	78.4	188.1	2.733	-10.55	59.0	SO315	.0220U	9.2766	0.8	A
9007	13460.57	33 23N	106 9E	79.6	187.7	2.733	15.75	62.3	SO315	.0220U	9.0869	1.2	A
9008	13468.17	32 51N	105 36E	75.8	187.7	3.090	1.75	62.7	SO315	.0220U	9.5735	0.6	F
9009	13470.97	32 51N	105 36E	74.9	187.6	2.872	2.10	62.7	SO315	.0220U	9.7879	0.6	V
9010	13481.37	31 49N	105 19E	74.6	187.6	3.090	-2.80	63.1	SO315	.0220U	9.8291	0.6	V
9011	13484.17	31 49N	105 19E	75.5	187.6	3.090	-2.45	63.1	SO315	.0220U	9.5982	0.6	A
9012	13494.77	30 57N	106 4E	90.3	187.5	2.511	31.15	64.3	SO315	.0168U	8.1504	0.6	V
9013	13502.37	30 30N	105 37E	81.9	187.5	2.733	19.60	64.2	SO315	.0168U	8.8513	1.0	A
9014	13597.17	23 42N	102 58E	85.4	187.0	2.872	-29.75	66.9	SO315	.0220U	8.4438	0.6	F
9015	13600.37	23 41N	102 57E	84.4	187.0	2.872	-29.75	66.9	SO315	.0220U	8.6664	0.6	V
9016	13604.17	23 26N	102 51E	85.3	187.0	2.872	-31.15	66.9	SO315	.0220U	8.5839	0.4	V
9017	13607.17	23 26N	102 51E	86.1	187.0	3.090	-31.15	66.9	SO315	.0220U	8.4438	0.6	A
9018	13656.77	19 29N	103 10E	78.8	186.8	3.090	9.45	69.1	SO315	.0168U	9.2489	0.8	F
9019	13662.57	19 29N	103 10E	79.2	186.8	3.090	10.50	69.1	SO315	.0168U	9.1117	0.8	A
9020	13667.77	19 8N	102 56E	77.6	186.8	3.090	3.50	69.0	SO315	.0168U	9.3096	0.8	A
9021	13693.97	17 10N	102 53E	82.3	186.7	3.211	15.05	69.7	SO315	.0220U	8.7736	0.4	A
9022	13702.77	16 41N	102 58E	86.9	186.7	2.872	22.75	69.9	SO315	.0220U	8.2706	0.8	A
9023	13834.77	7 14N	100 36E	81.7	186.5	3.439	-5.95	68.4	SO315	.0220U	8.8478	0.6	F
9024	13837.77	7 14N	100 36E	80.9	186.5	3.439	-5.25	68.4	SO315	.0220U	9.0375	0.6	V
9025	13844.77	6 58N	100 24E	82.9	186.5	3.439	-11.20	68.2	SO315	.0220U	8.7159	1.0	A
9026	13849.37	6 43N	100 25E	82.3	186.5	3.439	-6.65	68.0	SO315	.0220U	8.7736	0.8	F
9027	13855.57	6 42N	100 25E	82.5	186.5	3.439	-5.25	68.0	SO315	.0220U	8.7406	0.4	A
9028	13859.57	5 50N	100 24E	82.6	186.5	3.439	-1.75	67.9	SO315	.0220U	8.7571	1.2	F
9029	13866.77	5 25N	100 23E	82.9	186.5	3.439	-0.70	67.9	SO315	.0309U	8.6911	0.6	A
7 5001	18426.77	58 27N	92 18E	86.1	192.4	1.810	19.95	41.7	SO315	.0171U	8.5170	0.4	V
5002	18429.77	58 28N	92 17E	87.1	192.3	1.810	19.95	41.7	SO315	.0171U	8.3273	0.4	A
5003	18462.17	56 9N	90 26E	79.4	191.0	2.033	3.50	43.7	SO315	.0171U	9.2260	0.4	V

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
7 5004	18468.37	55 01N	90 19E	80.5	191.5	2.033	6.65	44.3	SO315	.02260	8.9952	0.6	F
5005	18471.37	55 01N	90 19E	79.6	191.4	2.033	7.00	44.3	SO315	.02260	9.2013	0.4	V
5006	18910.37	25 28N	81 45E	75.5	187.1	3.090	-3.85	66.6	SO315	.02260	9.7943	0.6	V
5007	18913.17	25 28N	81 44E	76.5	187.1	3.090	-3.50	66.6	SO315	.02260	9.4899	0.6	A
5008	19068.57	14 17N	80 7E	83.2	186.7	3.090	15.05	69.9	SO315	.02260	8.7313	0.4	F
9001	18477.77	55 0N	89 39E	78.5	191.5	2.033	-5.25	44.6	SO315	.03090	9.3261	0.6	V
9002	18480.57	55 0N	89 39E	79.3	191.4	2.033	-4.90	44.6	SO315	.03090	9.1364	0.6	A
9003	18867.77	26 49N	82 8E	76.3	187.2	3.090	0.35	66.0	SO315	.02200	9.4992	0.8	F
9004	18893.57	26 47N	82 10E	76.7	187.2	3.090	2.80	66.1	SO315	.02200	9.4415	1.0	A
9005	18905.57	25 56N	81 54E	76.5	187.1	3.090	0.70	66.7	SO315	.02200	9.4745	1.0	F
9006	18926.97	24 56N	81 14E	78.7	187.1	3.090	-16.45	66.8	SO315	.02200	9.2189	1.0	A
9007	18952.17	22 48N	81 47E	82.8	187.0	2.872	19.60	68.3	SO315	.02200	8.7241	1.0	A
9008	18964.77	21 54N	80 18E	87.2	186.9	2.872	-30.45	67.6	SO315	.02200	8.2706	1.0	F
9009	19023.37	17 57N	79 36E	88.1	186.8	3.090	-30.45	68.5	SO315	.02200	8.2459	1.0	A
9010	19045.37	15 52N	80 30E	84.5	186.7	3.090	18.20	69.9	SO315	.02200	8.6087	0.6	F
9011	19051.57	15 51N	80 29E	84.9	186.7	2.872	18.90	69.9	SO315	.02200	8.4767	0.6	A
9012	19075.37	13 48N	80 15E	88.2	186.6	3.090	22.75	70.1	SO315	.02200	8.2376	1.8	F
9013	19081.77	13 46N	80 14E	88.8	186.6	2.872	23.45	70.2	SO315	.02200	8.0892	0.4	A
9014	19082.77	13 42N	80 13E	88.8	186.6	2.872	23.45	70.2	SO315	.02200	8.0892	0.8	A
8 5001	23790.97	56 01N	67 55E	80.3	191.7	1.810	-7.00	43.3	SO315	.02260	8.9952	0.4	F
5002	23859.17	51 58N	66 14E	78.5	190.5	2.170	-4.20	47.4	SO315	.02260	9.2076	0.6	F
5003	23862.97	51 57N	66 12E	78.4	190.4	2.170	-2.45	47.7	SO315	.02260	9.2343	0.4	F
5004	23871.97	51 51N	66 9E	77.4	190.3	2.170	0.70	48.1	SO315	.03150	9.4652	0.4	V
5005	23874.77	51 51N	66 9E	78.3	190.2	2.170	1.05	48.1	SO315	.03150	9.2673	0.4	A
5006	23879.17	50 53N	66 0E	78.2	190.2	2.170	-0.35	48.3	SO315	.02260	9.2920	0.4	A
5007	23942.37	46 15N	63 54E	80.8	189.3	2.385	-19.60	52.1	SO315	.02260	8.9375	0.4	F
5008	23945.17	46 16N	63 54E	79.7	189.3	2.385	-19.25	52.1	SO315	.02260	9.1951	0.4	V
5009	23949.37	45 59N	63 40E	81.8	189.3	2.170	-23.10	52.3	SO315	.02260	8.9540	0.4	V
5010	23952.17	45 60N	63 40E	82.6	189.2	2.385	-23.10	52.2	SO315	.02260	8.8056	1.0	A
5011	23957.77	45 59N	63 20E	86.5	189.2	2.170	-29.05	52.5	SO315	.01710	8.4015	0.4	A
9001	23607.97	68 56N	75 51E	84.3	198.1	1.113	-4.20	31.9	SO315	.02200	8.6582	0.6	V
9002	23610.97	68 56N	75 52E	85.1	197.9	1.113	-3.85	31.9	SO315	.02200	8.4850	0.6	A
9003	23797.57	56 25N	68 20E	80.3	191.6	2.033	4.20	43.5	SO315	.03090	9.0427	0.6	A
9004	23865.37	51 27N	66 8E	78.4	190.4	2.170	-2.80	47.8	SO315	.03090	9.2271	0.6	F
9005	23868.17	51 27N	66 8E	77.4	190.3	2.170	-2.45	47.8	SO315	.03090	9.4863	0.6	V
9006	23871.97	51 11N	66 9E	77.4	190.3	2.170	0.70	48.1	SO315	.03090	9.4663	0.4	V
9007	23874.77	51 11N	66 9E	78.3	190.2	2.170	1.05	48.1	SO315	.03090	9.2684	0.4	A
9008	24245.17	25 28N	60 23E	88.8	187.1	2.511	28.70	67.3	SO315	.01680	8.2706	0.8	V
9009	24248.37	25 28N	60 23E	90.2	187.1	2.511	29.05	67.3	SO315	.01680	7.9985	0.8	A
9010	24288.97	22 34N	59 48E	89.5	187.0	2.733	27.65	68.5	SO315	.02200	8.1304	1.0	F
9011	24300.77	21 36N	58 3E	87.9	186.9	3.090	-31.15	67.6	SO315	.02200	8.2211	1.0	F
9012	24317.97	20 46N	58 54E	79.3	186.9	3.211	9.10	68.8	SO315	.02200	9.1117	0.6	A
9013	24335.17	19 40N	57 38E	89.1	186.8	3.211	-31.85	68.1	SO315	.02200	8.1551	1.0	A
6 5001	29285.17	45 52N	42 36E	78.8	189.3	2.511	12.25	52.7	SO315	.02260	9.3107	0.6	V
5002	29287.97	45 53N	42 36E	79.9	189.2	2.511	12.60	52.7	SO315	.02260	9.0859	0.8	A
5003	29300.17	45 0N	41 57E	77.0	189.1	2.511	0.00	53.3	SO315	.02260	9.4322	1.0	A
5004	29371.37	39 56N	41 19E	83.7	188.4	2.511	23.80	57.7	SO315	.02260	8.7726	0.8	V
5005	29374.57	39 55N	41 19E	85.0	188.4	2.511	24.15	57.7	SO315	.02260	8.5252	0.6	A
5006	29434.57	35 46N	38 34E	87.4	187.9	2.385	-32.90	60.0	SO315	.01330	8.3933	0.4	V
5007	29437.57	35 47N	38 34E	88.1	187.9	2.385	-32.55	60.0	SO315	.01330	8.2696	0.6	A
5008	29811.37	9 50N	35 8E	91.7	186.5	2.733	25.90	69.8	SO315	.01710	7.8491	1.0	A
5009	30127.17	11 51S	31 27E	106.2	186.6	2.511	25.20	57.8	SO315	.01710	6.7278	1.0	A
5010	30207.77	17 40S	30 44E	117.7	186.3	2.170	31.85	55.3	SO315	.01710	6.1542	0.6	V
5011	30212.17	17 40S	30 44E	120.1	186.8	2.170	32.20	53.3	SO315	.01710	5.9416	0.6	A
5012	30266.77	21 58S	29 50E	118.1	186.9	2.511	27.30	49.6	SO315	.01710	6.0682	1.0	F
5013	30271.37	22 19S	29 59E	124.8	186.9	2.170	32.20	49.4	SO315	.01330	5.7467	0.8	F
5014	30298.37	23 49S	29 28E	118.2	187.0	2.170	27.30	48.0	SO315	.01330	6.1177	0.6	V
5015	30302.77	23 49S	29 28E	120.5	187.0	2.170	27.65	48.0	SO315	.01330	5.8951	0.6	A
5016	30375.97	29 16S	27 31E	108.8	187.4	3.090	2.45	42.7	SO315	.02260	6.5629	1.0	F
9001	28954.57	68 0N	53 49E	85.2	197.5	1.332	9.10	32.7	SO315	.02200	8.5757	0.6	V
9002	28957.77	68 0N	53 48E	86.0	197.4	1.332	9.10	32.7	SO315	.02200	8.3943	0.6	A
9003	29083.97	59 42N	49 15E	100.3	192.8	1.687	35.00	41.1	SO315	.02200	7.2976	0.4	V
9004	29087.57	59 42N	49 15E	101.6	192.7	1.475	35.35	41.1	SO315	.02200	7.1162	0.4	A
9005	29131.17	56 10N	46 7E	80.7	191.7	2.033	6.30	43.8	SO315	.03090	8.9633	0.6	F
9006	29136.97	56 10N	46 6E	80.6	191.5	2.033	6.65	43.8	SO315	.03090	8.9797	0.6	A
9007	29142.97	55 9N	46 25E	84.9	191.4	2.033	19.95	44.5	SO315	.03090	8.6252	0.4	V
9008	29145.97	55 9N	46 26E	86.2	191.4	1.810	20.65	44.5	SO315	.03090	8.3943	0.4	A
9009	29157.37	54 41N	44 38E	80.1	191.1	2.033	-14.00	44.9	SO315	.03090	9.1364	0.6	V
9010	29160.37	54 41N	44 38E	80.9	191.1	2.033	-13.65	44.9	SO315	.03090	8.9633	0.4	A
9011	29171.57	53 43N	45 20E	82.7	190.9	2.170	15.05	46.3	SO315	.03090	8.7654	0.6	F
9012	29176.97	53 15N	45 5E	80.0	190.8	2.170	10.85	46.4	SO315	.03090	9.1612	0.6	V
9013	29179.97	53 14N	45 5E	81.0	190.7	2.170	11.20	46.4	SO315	.03090	8.9385	0.6	A
9014	29255.97	47 40N	43 6E	79.5	189.6	2.511	10.15	51.2	SO315	.03090	9.1282	1.0	F
9015	29261.77	47 40N	43 6E	79.6	189.5	2.385	10.85	51.2	SO315	.03090	9.1004	0.6	A
9016	29269.77	47 10N	42 26E	77.3	189.4	2.511	-4.55	51.5	SO315	.03090	9.3756	0.8	A
9017	29295.17	45 1N	42 7E	77.4	189.1	2.733	4.90	53.4	SO315	.03090	9.3591	0.8	F
9018	29300.37	45 4N	41 57E	77.0	189.1	2.511	0.00	53.3	SO315	.03090	9.4333	0.8	A
9019	29305.57	44 42N	41 57E	77.1	189.0	2.511	3.50	53.6	SO315	.03090	9.4003	0.8	A
9020	29429.57	35 54N	38 34E	89.8	188.0	2.385	-34.30	59.9	SO315	.02200	8.0315	0.8	F
9021	29516.37	30 40N	37 29E	86.4	187.4	2.733	-31.15	63.5	SO315	.02200	8.4190	1.2	A
9022	29546.77	27 36N	38 40E	90.6	187.3	2.733	30.10	66.2	SO315	.02200	8.0480	0.6	F

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
9 9023	29549.97	27 37N	38 40E	89.7	187.3	2.511	30.45	66.2	SO315	.02200	8.1716	0.6	V
9024	29590.57	25 6N	37 18E	76.8	187.1	3.211	0.00	66.9	SO315	.02200	9.4250	1.0	A
9025	29696.77	17 46N	36 6E	79.0	186.8	3.211	9.45	69.5	SO315	.02200	9.2766	1.0	V
9026	29725.17	15 43N	35 45E	81.2	186.7	3.211	11.20	69.6	SO315	.02200	8.9365	1.0	F
9027	29730.77	14 56N	35 54E	85.5	186.7	3.090	19.60	70.0	SO315	.02200	8.5015	1.0	F
9028	29744.57	14 4N	35 24E	80.1	186.6	3.439	6.30	69.7	SO315	.02200	9.0457	0.6	F
9029	29750.37	14 4N	35 24E	80.6	186.6	3.211	7.70	69.8	SO315	.02200	8.9468	0.6	A
9030	29777.77	11 50N	34 21E	83.6	186.6	3.439	-20.30	69.0	SO315	.02200	8.6334	1.0	F
9031	29896.57	3 46N	33 45E	85.9	186.5	3.211	13.30	67.5	SO315	.02200	8.5015	1.0	V
9032	30033.97	5 40S	31 50E	88.4	186.5	3.439	1.40	61.8	SO315	.02200	8.2294	1.2	V
9033	30044.57	6 19S	31 6E	93.5	186.5	3.574	-22.05	60.9	SO315	.02200	7.7676	1.0	V
9034	30102.97	10 10S	31 8E	93.4	186.5	3.211	5.25	58.7	SO315	.01680	7.6604	1.0	A
9035	30182.17	15 44S	29 23E	100.9	186.7	3.439	-21.00	56.8	SO315	.02200	7.1821	0.8	V
9036	30193.37	16 49S	29 49E	97.4	186.7	3.439	-0.70	56.3	SO315	.01680	7.3635	1.2	F
9037	30200.77	16 52S	30 14E	102.7	186.7	2.872	14.70	56.6	SO315	.02200	6.9182	1.0	A
9038	30219.37	18 0S	29 59E	103.3	186.8	2.733	13.65	52.5	SO315	.01680	6.8853	0.6	A
9039	30233.97	19 24S	29 52E	104.6	186.8	2.733	16.80	51.5	SO315	.01680	6.9100	1.0	V
9040	30237.77	19 24S	29 52E	106.4	186.8	2.733	17.15	51.5	SO315	.01680	6.6791	1.0	A
9041	30250.17	20 26S	29 2E	99.7	186.9	3.211	-3.50	50.3	SO315	.02200	7.2963	0.4	V
9042	30253.77	20 26S	29 2E	101.1	186.9	3.439	-3.50	50.3	SO315	.02200	7.0419	0.4	A
9043	30278.97	22 43S	29 11E	107.1	187.0	2.733	13.65	48.7	SO315	.02200	6.6956	1.0	F
9044	30287.57	23 13S	28 25E	103.3	187.0	3.211	-6.65	47.8	SO315	.02200	6.9182	1.2	F
9045	30324.17	25 44S	28 2E	105.0	187.1	3.211	-3.50	45.7	SO315	.02200	6.8028	0.6	F
9046	30327.97	25 43S	28 1E	104.1	187.1	3.211	-3.15	45.7	SO315	.02200	6.9265	0.8	V
9047	30333.37	26 8S	28 16E	105.7	187.2	2.872	6.65	45.6	SO315	.02200	6.8193	0.6	V
9048	30337.17	26 7S	28 16E	107.4	187.2	2.872	7.00	45.6	SO315	.02200	6.6049	0.8	A
9049	30346.77	26 36S	27 6E	113.9	187.2	3.439	-23.45	44.6	SO315	.02200	6.2586	1.0	A
9050	30352.57	27 37S	27 20E	108.3	187.3	3.211	-12.25	43.9	SO315	.02200	6.5802	1.0	F
9051	30356.37	27 36S	27 15E	108.0	187.3	3.211	-14.00	43.9	SO315	.02200	6.6709	1.0	V
9052	30360.37	27 36S	27 15E	109.5	187.3	3.439	-14.00	43.9	SO315	.02200	6.4895	1.0	A
9053	30369.37	28 13S	27 10E	109.6	187.3	3.211	-12.25	43.4	SO315	.02200	6.4812	1.2	A
9054	30380.17	29 17S	27 29E	108.6	187.4	2.872	2.10	42.7	SO315	.02200	6.6214	0.6	V
9055	30384.17	29 17S	27 29E	110.4	187.4	2.872	2.80	42.7	SO315	.02200	6.4152	0.8	A
9056	30394.77	30 13S	27 7E	108.3	187.5	3.090	-2.45	41.8	SO315	.02200	6.6379	1.2	V
9057	30401.17	30 23S	26 52E	110.6	187.5	3.211	-8.05	41.5	SO315	.02200	6.4070	0.8	A
9058	30404.97	30 38S	26 45E	111.3	187.5	3.211	-9.80	41.3	SO315	.02200	6.3658	1.2	A
9059	30413.97	31 31S	26 33E	110.6	187.6	3.090	-10.15	40.5	SO315	.02200	6.4977	1.2	V
9060	30422.77	31 53S	26 54E	112.2	187.6	2.872	1.75	40.4	SO315	.02200	6.2998	1.2	A
10 9001	34070.57	81 10N	64 28E	92.8	228.1	0.417	9.80	18.8	SO315	.03090	7.8418	0.8	V
9002	34073.97	81 10N	64 28E	93.7	227.0	0.417	9.80	18.8	SO315	.03090	7.6851	0.6	A
9003	34296.17	67 37N	30 31E	84.3	197.2	1.332	0.35	33.2	SO315	.02200	8.5510	0.4	F
9004	34301.57	67 40N	30 30E	84.1	196.9	1.332	-0.35	33.1	SO315	.02200	8.6004	1.8	A
9005	34307.97	66 50N	30 21E	83.7	196.6	1.332	5.95	33.8	SO315	.02200	8.7324	0.8	V
9006	34310.97	66 50N	30 22E	84.6	196.5	1.332	6.30	33.8	SO315	.02200	8.5427	0.8	A
9007	34326.77	65 59N	29 12E	83.5	195.8	1.475	0.70	34.7	SO315	.02200	8.6582	0.6	A
9008	34377.97	62 16N	25 45E	85.3	194.0	1.475	-17.15	36.1	SO315	.02200	8.4438	0.6	F
9009	34389.57	61 42N	27 17E	86.7	193.6	1.687	17.85	38.8	SO315	.03090	8.3283	0.6	A
9010	34398.77	60 55N	26 44E	84.8	193.3	1.687	16.45	39.6	SO315	.02200	8.6334	0.6	V
9011	34402.97	60 26N	26 16E	84.0	193.2	1.687	12.60	40.0	SO315	.03090	8.6004	0.6	F
9012	34411.57	60 11N	24 58E	81.2	193.0	1.687	-10.85	40.0	SO315	.03090	9.0045	0.6	V
9013	34414.57	60 11N	24 58E	82.0	192.9	1.687	-10.50	40.0	SO315	.03090	8.8313	0.6	A
9014	34418.97	59 28N	24 47E	81.4	192.8	1.687	-7.70	40.7	SO315	.03090	8.8643	0.6	F
9015	34421.77	59 29N	24 45E	80.4	192.7	1.687	-8.05	40.7	SO315	.03090	9.0952	0.8	V
9016	34424.77	59 29N	24 44E	81.3	192.6	1.687	-8.05	40.7	SO315	.03090	8.9055	0.6	A
9017	34433.77	58 27N	24 30E	80.6	192.4	1.810	-3.15	41.7	SO315	.03090	8.9550	0.8	F
9018	34439.57	58 27N	24 29E	80.4	192.3	1.810	-2.80	41.7	SO315	.03090	8.9962	0.8	A
9019	34491.57	54 37N	21 49E	87.7	191.2	1.687	-26.60	44.9	SO315	.03090	8.2411	0.6	F
9020	34494.77	54 37N	21 49E	86.3	191.1	1.687	-26.25	44.9	SO315	.03090	8.4767	0.4	V
9021	34497.97	54 37N	21 47E	87.5	191.0	1.687	-26.60	44.9	SO315	.03090	8.2953	0.6	A
9022	34528.17	52 19N	21 12E	82.9	190.5	2.033	-22.40	46.9	SO315	.03090	8.8313	0.8	V
9023	34531.17	52 20N	21 12E	83.6	190.5	2.033	-22.05	46.9	SO315	.03090	8.6829	0.8	A
9024	34575.97	48 40N	21 43E	86.5	189.8	2.385	23.45	50.5	SO315	.02200	8.3943	0.6	F
9025	34582.17	48 40N	21 43E	86.8	189.7	2.170	24.15	50.5	SO315	.02200	8.3201	0.6	A
9026	34598.17	47 25N	20 46E	78.2	189.5	2.385	9.80	51.4	SO315	.03090	9.3673	0.4	V
9027	34600.97	47 26N	20 46E	79.2	189.5	2.385	10.15	51.4	SO315	.03090	9.1364	0.6	A
9028	34671.77	42 27N	18 42E	76.3	188.7	2.511	-9.80	55.3	SO315	.03090	9.6064	0.6	V
9029	34674.57	42 27N	18 42E	77.1	188.7	2.733	-9.80	55.3	SO315	.03090	9.4085	0.6	A
9030	34686.57	41 19N	19 31E	85.4	188.6	2.385	25.20	56.6	SO315	.02200	8.5922	0.6	V
9031	34689.57	41 19N	19 31E	86.6	188.6	2.385	25.55	56.6	SO315	.02200	8.3446	0.8	A
9032	34831.77	31 12N	16 34E	77.6	187.5	3.090	8.40	63.7	SO315	.02200	9.3591	0.6	F
9033	34834.57	31 12N	16 33E	76.7	187.5	2.872	8.75	63.7	SO315	.02200	9.5632	0.6	V
9034	34838.77	31 6N	16 37E	78.8	187.5	2.872	12.25	63.8	SO315	.01280	9.1777	1.0	A
9035	34863.37	29 14N	16 0E	75.7	187.4	3.090	3.85	64.8	SO315	.01680	9.6807	1.2	V
9036	34893.57	27 2N	14 30E	90.5	187.2	2.733	-34.65	65.3	SO315	.02200	7.9737	0.4	F
9037	34896.77	27 3N	14 30E	89.1	187.2	2.733	-34.30	65.3	SO315	.02200	8.2294	0.4	V
9038	34900.37	27 1N	14 28E	90.3	187.2	2.733	-34.65	65.3	SO315	.01280	8.0562	0.8	A
9039	34906.17	26 9N	14 46E	80.1	187.2	3.090	-20.65	66.0	SO315	.02200	9.0210	0.4	F
9040	34908.97	26 9N	14 46E	79.0	187.2	3.090	-20.30	66.0	SO315	.02200	9.2766	0.4	V
9041	34939.77	24 12N	14 33E	77.8	187.0	3.211	-13.30	67.1	SO315	.02200	9.3096	0.6	A
9042	34968.57	22 1N	14 9E	77.2	186.9	3.211	-12.95	67.9	SO315	.02200	9.4910	1.0	V
9043	34988.37	20 42N	13 30E	84.5	186.9	3.090	-28.00	68.0	SO315	.02200	8.6664	0.8	V
9044	35117.37	11 50N	13 5E	86.9	186.6	2.872	19.60	70.0	SO315	.02200	8.2871	0.8	A
9045	35209.57	5 40N	10 45E	92.1	186.5	3.439	-29.40	67.2	SO315	.02200	7.8500	1.0	A
9046	35226.97	3 54N	11 31E	86.7	186.5	3.211	11.55	67.5	SO315	.02200	8.3448	0.8	F
9047	35229.97	3 55N	11 31E	85.9	186.5	3.211	11.90	67.5	SO315	.02200	8.4850	1.0	V
9048	35248.17	2 54N	11 11E	85.5	186.4	3.211	6.30	66.9	SO315	.02200	8.4025	1.0	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
10 9049	35255.77	2 6N	11 30E	92.7	186.4	2.872	22.40	66.9	S0315	.02200	7.8583	1.0	V
11 9001	39901.77	49 42N	1 53W	81.9	189.9	2.170	-22.05	49.2	S0315	.03090	8.9503	0.6	V
9002	39904.77	49 42N	1 53W	82.7	189.9	2.170	-21.70	49.2	S0315	.02200	8.7736	0.6	A
9003	39990.77	43 20N	2 54W	76.9	188.9	2.733	2.10	54.8	S0315	.02200	9.4250	1.0	F
9004	39994.17	43 18N	2 56W	75.9	188.9	2.511	2.10	54.8	S0315	.03090	9.6559	0.6	V
9005	39996.97	43 18N	2 56W	76.8	188.8	2.511	2.45	54.8	S0315	.02200	9.4333	0.6	A
9006	40035.57	40 27N	3 41W	75.3	188.5	2.733	2.45	57.0	S0315	.03090	9.7486	0.4	V
9007	40038.37	40 27N	3 41W	76.2	188.4	2.733	2.80	57.1	S0315	.02200	9.5075	0.6	A
9008	40101.57	35 49N	5 48W	86.9	188.0	2.385	-31.15	60.0	S0315	.02200	8.2953	0.8	F
9009	40107.77	35 49N	5 49W	86.5	187.9	2.511	-30.80	60.0	S0315	.02200	8.3460	0.6	A
9010	40118.97	35 2N	5 54W	84.7	187.8	2.733	-28.70	60.6	S0315	.02200	8.5757	0.6	A
9011	40128.37	33 55N	5 31W	76.0	187.8	2.872	-8.05	61.7	S0315	.02200	9.5622	0.4	F
9012	40133.77	33 55N	5 31W	75.9	187.7	2.872	-7.35	61.7	S0315	.02200	9.5570	0.6	A
9013	40143.97	32 54N	6 33W	89.8	187.7	2.385	-34.65	61.9	S0315	.02200	8.0315	0.8	F
9014	40150.37	32 26N	6 19W	81.9	187.6	2.733	-24.85	62.4	S0315	.02200	8.8148	1.2	F
9015	40164.97	31 25N	5 58W	75.2	187.6	3.090	-4.55	63.4	S0315	.01680	9.6894	1.0	F
9016	40169.77	31 16N	6 8W	74.8	187.5	2.872	-9.10	63.4	S0315	.01680	9.7961	1.0	V
9017	40174.77	30 57N	6 45W	82.9	187.5	2.733	-26.95	63.5	S0315	.02200	8.7076	1.4	F
9018	40184.77	30 25N	6 24W	76.4	187.5	3.090	-12.25	63.9	S0315	.02200	9.4992	1.4	A
9019	40202.37	28 55N	5 49W	82.3	187.4	2.733	21.35	65.3	S0315	.01280	8.9055	1.0	V
9020	40205.57	28 54N	5 49W	83.5	187.3	2.733	21.70	65.3	S0315	.01280	8.6417	0.8	A
9021	40220.17	27 56N	7 30W	86.9	187.3	2.733	-31.15	65.1	S0315	.01280	8.3056	1.2	F
9022	40235.77	26 55N	7 9W	77.6	187.2	3.211	-13.65	65.8	S0315	.02200	9.3426	1.0	A
9023	40388.77	16 16N	8 9W	90.5	186.7	2.733	26.60	70.1	S0315	.01680	7.9408	1.0	A
9024	40405.17	15 16N	9 35W	83.9	186.7	3.439	-22.75	69.1	S0315	.02200	8.6354	0.6	A
9025	40429.77	13 8N	9 29W	79.5	186.6	3.439	-4.20	69.5	S0315	.01280	9.1034	0.8	F
9026	40458.97	11 27N	9 11W	88.0	186.6	2.872	21.00	69.9	S0315	.02200	8.1716	1.0	A
9027	40469.37	10 29N	9 13W	90.4	186.6	2.733	25.20	69.9	S0315	.01280	8.0809	1.4	V
9028	40473.57	10 26N	9 18W	90.2	186.5	2.733	23.45	69.9	S0315	.01280	7.9655	1.0	A
9029	40499.97	8 12N	9 57W	84.5	186.5	3.211	12.25	69.1	S0315	.02200	8.5757	1.0	F
9030	40530.97	6 20N	10 49W	82.1	186.5	3.439	-9.10	68.0	S0315	.02200	8.8490	0.6	V
9031	40533.97	6 20N	10 49W	83.2	186.5	3.439	-8.75	68.0	S0315	.02200	8.6664	0.6	A
13 9001	51744.77	31 14S	61 30W	114.4	187.5	2.733	10.85	41.1	S0315	.02200	6.2338	1.2	F
9002	51751.77	31 22S	62 7W	110.4	187.5	3.090	-4.55	40.7	S0315	.02200	6.5059	1.2	V
9003	51764.37	32 45S	63 11W	121.8	187.6	3.090	-25.20	39.3	S0315	.02200	5.8298	0.6	F
9004	51768.97	32 48S	63 12W	120.4	187.6	3.090	-24.85	39.3	S0315	.02200	5.9700	0.6	V
9005	51916.37	42 42S	65 5W	123.6	188.7	2.733	-9.10	30.2	S0315	.02200	5.7226	1.4	F
9006	51921.57	42 45S	65 1W	122.2	188.8	2.733	-7.00	30.2	S0315	.02200	5.8463	1.2	V
9007	51928.17	43 11S	65 15W	125.2	188.8	2.733	-9.45	29.8	S0315	.01680	5.7968	0.8	V
9008	51932.77	43 10S	65 16W	125.0	188.9	2.733	-9.10	29.8	S0315	.01680	5.6519	0.8	A
14 9001	56277.77	24 6N	74 32W	79.2	187.0	3.090	-19.25	67.1	S0315	.02200	9.2601	0.6	V
9002	56336.77	19 60N	75 6W	77.5	186.8	3.211	-11.55	68.6	S0315	.02200	9.4498	0.6	V
9003	56339.57	20 0N	75 6W	78.4	186.8	3.439	-11.55	68.6	S0315	.02200	9.2354	0.6	A
9004	56623.57	0 26N	78 7W	86.5	186.4	3.211	7.70	65.7	S0315	.01280	8.2953	1.0	A
15 5001	61421.53	36 59N	93 41W	75.9	188.1	2.872	-6.65	59.6	S0315	.02260	9.5394	0.6	F
5002	61426.93	36 59N	93 41W	75.9	188.0	2.872	-5.95	59.6	S0315	.02260	9.5641	0.6	A
5003	61523.33	29 59N	95 22W	77.0	187.4	3.090	-11.90	64.2	S0315	.02260	9.4074	3.8	F
5004	61530.73	29 51N	95 23W	76.9	187.4	3.090	-10.85	64.3	S0315	.02260	9.4487	3.8	A
9001	61421.33	36 60N	93 41W	75.9	188.1	2.872	-6.65	59.6	S0315	.02200	9.5405	0.6	F
9002	61426.93	36 59N	93 41W	75.8	188.0	2.872	-5.95	59.6	S0315	.02200	9.5652	0.6	A
9003	61523.33	29 59N	95 22W	77.1	187.4	3.090	-11.90	64.2	S0315	.02200	9.4085	3.6	F
9004	61530.73	29 51N	95 23W	76.9	187.4	3.090	-10.85	64.3	S0315	.02200	9.4498	3.8	A
9005	61642.73	21 47N	97 32W	88.5	186.9	2.872	-31.50	67.6	S0315	.02200	8.1387	1.0	F
9006	61653.93	20 59N	97 22W	81.5	186.9	3.090	-20.65	68.2	S0315	.02200	8.8726	1.0	F
9007	61658.93	20 59N	97 28W	82.0	186.9	3.090	-21.70	68.2	S0315	.02200	8.8148	0.6	F
9008	61660.33	20 58N	97 29W	82.1	186.9	3.090	-21.70	68.3	S0315	.02200	8.8066	1.0	F
9009	61692.53	18 28N	97 23W	76.5	186.8	3.211	-1.75	69.2	S0315	.02200	9.5300	0.4	V
9010	61695.33	18 26N	97 23W	77.4	186.8	3.211	-1.40	69.2	S0315	.02200	9.5426	0.4	A
9011	61710.13	17 6N	98 0W	80.5	186.7	3.211	-17.85	69.0	S0315	.02200	8.9797	0.8	F
9012	61715.93	17 6N	98 0W	80.3	186.7	3.439	-17.15	69.1	S0315	.02200	9.0375	0.8	A
9013	61723.33	16 26N	98 5W	79.6	186.7	3.439	-15.05	69.2	S0315	.02200	9.2024	0.6	V
9014	61726.33	16 26N	98 5W	80.5	186.7	3.439	-14.70	69.2	S0315	.02200	8.9962	0.4	A
16 9001	65483.52	54 45N	53 26E	155.5	348.8	-1.685	-39.20	-19.9	S0315	.29770	4.5269	1.0	A
9002	65539.72	54 7N	52 40E	121.6	347.6	-1.685	22.05	-15.4	S0315	.29770	5.8628	0.6	A
18 9001	76092.32	51 22N	12 44E	118.9	349.8	-2.387	-4.20	-22.3	S0315	.29770	5.9452	0.4	F
9002	76095.52	51 17N	12 42E	117.2	349.7	-2.167	-3.85	-22.4	S0315	.29770	6.1101	0.6	V
9003	76102.12	51 6N	13 34E	127.3	349.6	-2.167	-19.95	-22.5	S0315	.29770	5.6494	0.6	A
9004	76107.32	52 10N	14 7E	139.1	349.5	-2.028	-30.80	-22.0	S0315	.29770	5.1371	0.6	V
9005	76114.32	52 55N	12 55E	124.0	349.4	-2.387	-16.45	-21.1	S0315	.29770	5.7061	0.6	F
9006	76119.72	53 1N	13 21E	129.3	349.3	-2.167	-24.15	-21.1	S0315	.29770	5.5329	0.4	V
9007	76121.72	53 3N	13 19E	129.2	349.3	-2.167	-24.15	-21.0	S0315	.29770	5.5412	0.4	V
9008	76125.32	53 4N	13 10E	128.3	349.2	-2.167	-22.05	-21.0	S0315	.29770	5.5082	0.6	A
19 9001	82354.31	64 24N	173 14W	85.8	194.9	1.332	-21.00	36.3	S0315	.02200	8.5180	0.8	V

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
19 9002	82357.31	64 25N	173 13W	86.5	194.8	1.332	-20.65	56.3	SO315	.02200	8.3695	0.8	A
20 9001	1389.91	58 59N	163 49E	88.1	192.7	1.810	23.10	41.6	SD315	.03090	8.2046	0.4	F
9002	1362.91	59 0N	163 48E	87.0	192.6	1.810	23.10	41.5	SO315	.04090	8.4025	0.4	V
9003	1366.31	58 54N	163 33E	87.4	192.5	1.810	22.40	41.9	SO315	.03090	8.2706	0.4	F
9004	1369.51	58 54N	163 33E	86.5	192.4	1.810	22.75	41.9	SO315	.04090	8.4458	0.4	V
9005	1372.71	58 54N	163 33E	87.7	192.3	1.810	23.10	41.9	SO315	.03090	8.2211	0.4	A
9006	1382.91	57 57N	161 48E	79.3	192.1	1.810	-4.90	42.6	SO315	.03090	9.1117	1.6	F
9007	1385.31	57 27N	161 43E	79.2	192.1	1.810	-4.90	42.8	SO315	.03090	9.1199	1.4	F
9008	1391.11	57 27N	161 43E	79.0	191.9	1.810	-4.55	42.8	SO315	.03090	9.1612	1.4	A
9009	1396.91	56 52N	161 25E	78.0	191.8	1.810	-5.60	43.3	SO315	.02200	9.3858	0.8	V
9010	1402.31	56 20N	160 50E	80.8	191.7	1.810	-14.35	43.7	SO315	.01680	8.9385	1.4	F
9011	1408.11	56 20N	160 49E	80.5	191.6	1.810	-14.00	43.7	SO315	.01680	9.0045	1.4	A
9012	1447.51	53 15N	159 45E	79.1	190.8	2.033	-11.55	46.4	SO315	.01680	9.1364	0.4	F
9013	1456.31	52 58N	158 26E	95.2	190.7	1.475	-37.10	46.4	SO315	.01680	7.6686	0.6	V
9014	1459.71	52 59N	158 26E	96.0	190.6	1.687	-37.10	46.4	SO315	.01680	7.5614	0.6	A
9015	2322.11	6 43S	146 59E	90.2	186.5	3.439	-6.30	60.8	SO315	.03090	8.0644	0.6	V
21 9001	6816.91	50 56N	137 6E	77.5	190.2	2.385	1.40	48.9	SO315	.03090	9.3343	1.0	F
9002	6822.51	50 58N	137 5E	77.5	190.1	2.385	2.10	48.9	SO315	.03090	9.3508	1.6	A
9003	6829.11	50 2N	136 28E	77.0	190.0	2.170	-10.15	49.3	SO315	.03090	9.5075	0.4	V
9004	6831.91	50 2N	136 27E	77.8	190.0	2.385	-10.15	49.3	SO315	.03090	9.3178	0.4	A
9005	6847.71	48 56N	136 21E	76.9	189.8	2.385	-2.80	50.3	SO315	.02200	9.4250	0.4	A
9006	6855.91	48 28N	135 23E	83.9	189.7	2.170	-25.55	50.4	SD315	.02200	8.6499	0.6	A
9007	6860.31	48 13N	135 2E	88.6	189.6	2.170	-31.85	50.6	SD315	.02200	8.1881	0.6	A
9008	6905.51	44 28N	135 55E	85.1	189.1	2.511	23.45	54.3	SO315	.01680	8.5262	0.4	F
9009	6908.51	44 29N	135 55E	84.3	189.0	2.511	23.80	54.3	SD315	.01680	8.6911	0.4	V
9010	6911.71	44 28N	135 55E	85.5	189.0	2.511	24.15	54.3	SO315	.01680	8.4458	0.4	A
9011	6917.11	43 43N	135 16E	78.5	188.9	2.733	10.85	54.7	SO315	.02200	9.2519	0.4	F
9012	6919.91	43 43N	135 16E	77.7	188.9	2.511	11.55	54.7	SO315	.03090	9.4498	0.4	V
9013	6923.11	43 32N	135 9E	77.1	188.9	2.511	9.80	54.9	SO315	.03090	9.5157	0.4	V
9014	6925.91	43 32N	135 10E	78.2	188.9	2.511	10.50	54.9	SO315	.02200	9.2601	0.4	A
9015	7694.51	9 28S	123 49E	97.6	186.5	3.439	-22.40	58.5	SO315	.02200	7.4377	1.0	V
9016	7700.91	10 9S	123 40E	100.1	186.5	3.439	-24.15	57.9	SO315	.01680	7.1491	0.8	F
9017	7704.51	10 8S	123 35E	100.5	186.5	3.439	-25.90	57.9	SO315	.02200	7.2234	0.8	V
9018	7708.31	10 8S	123 36E	101.4	186.5	3.439	-25.20	57.9	SO315	.01680	7.0852	0.6	A
9019	7955.31	27 10S	119 55E	123.2	187.2	3.090	-32.20	43.7	SO315	.01680	5.8463	0.6	V
9020	7959.91	27 10S	119 54E	124.7	187.3	3.439	-32.20	43.7	SO315	.01680	5.7143	0.6	A
22 9001	12137.70	51 29N	113 4E	107.0	190.4	1.332	-44.45	47.6	SO315	.02200	6.7368	0.6	F
9002	12141.70	51 28N	113 3E	105.6	190.3	1.332	-44.45	47.7	SO315	.02200	6.9430	0.6	V
9003	12145.70	51 28N	113 2E	106.7	190.2	1.687	-44.80	47.7	SO315	.02200	6.8193	0.6	A
9004	12319.70	38 52N	111 38E	76.2	188.3	2.872	6.65	58.5	SO315	.02200	9.5322	1.2	F
9005	12325.10	38 56N	111 37E	76.3	188.2	2.872	7.35	58.5	SO315	.02200	9.4992	1.4	A
9006	12377.90	34 54N	110 29E	75.7	187.9	2.872	0.00	61.4	SO315	.02200	9.5817	1.0	F
9007	12383.30	34 54N	110 29E	75.7	187.8	2.872	0.70	61.4	SO315	.02200	9.5852	1.0	A
9008	12391.90	34 15N	110 59E	83.9	187.8	2.511	23.45	62.1	SD315	.02200	8.6169	0.8	A
9009	12441.50	30 50N	110 16E	85.2	187.5	2.511	25.20	64.4	SO315	.02200	8.4767	0.4	A
9010	12579.10	21 15N	107 35E	76.8	186.9	3.211	-3.50	68.5	SO315	.03090	9.5322	0.6	V
9011	12581.90	21 14N	107 34E	77.8	186.9	3.211	-3.15	68.5	SO315	.03090	9.3013	0.6	A
9012	12596.70	20 10N	107 44E	80.7	186.8	3.090	11.55	69.2	SO315	.02200	8.9385	1.0	A
9013	12647.90	16 40N	106 44E	78.8	186.7	3.439	-3.15	69.5	SO315	.01680	9.1612	0.6	A
9014	12719.30	11 47N	106 15E	85.1	186.6	3.211	15.75	69.8	SO315	.02200	8.5262	0.6	F
9015	12725.50	11 7N	105 47E	80.2	186.6	3.439	-1.75	69.4	SO315	.01680	9.1417	0.6	V
9016	12728.50	11 7N	105 47E	81.3	186.6	3.439	-1.05	69.4	SO315	.01680	8.8726	0.6	A
9017	12872.30	0 57N	104 32E	91.9	186.4	3.090	18.55	66.2	SO315	.02200	7.9325	0.8	V
23 9001	17277.90	64 8N	99 35E	83.0	195.0	1.687	10.50	36.8	SO315	.02200	8.7076	0.8	F
9002	17283.70	64 9N	99 34E	82.8	194.8	1.475	10.85	36.8	SO315	.02200	8.7241	1.0	A
9003	17396.10	56 22N	93 38E	86.9	191.7	1.475	-26.25	43.6	SO315	.03090	8.2871	0.8	F
9004	17399.30	56 22N	93 37E	85.9	191.6	1.687	-26.60	43.6	SD315	.03090	8.5262	1.4	V
9005	17403.10	56 19N	93 36E	86.5	191.5	1.687	-26.25	43.7	SO315	.03090	8.3860	0.6	A
9006	17622.50	40 49N	89 44E	75.7	188.5	2.733	0.70	57.0	SO315	.02200	9.5817	0.8	F
9007	17627.90	40 49N	89 44E	75.7	188.5	2.733	1.40	57.0	SO315	.02200	9.5735	0.8	A
9008	17797.90	29 5N	87 41E	85.2	187.4	2.511	25.90	65.5	SO315	.01280	8.4767	0.6	A
9009	17835.30	26 13N	85 55E	80.3	187.2	3.090	-19.95	66.2	SO315	.01680	9.0045	0.6	F
9010	17838.10	26 14N	85 55E	79.2	187.2	3.090	-19.60	66.2	SO315	.01680	9.2519	0.8	V
9011	17866.70	24 3N	85 28E	81.0	187.1	3.090	-21.35	67.2	SO315	.02200	8.9158	0.8	F
9012	17876.90	23 40N	86 10E	79.3	187.0	3.090	10.15	68.0	SO315	.01680	9.1034	0.6	A
9013	17887.70	22 41N	86 21E	85.7	187.0	2.733	23.80	68.6	SO315	.02200	8.5427	0.6	V
9014	17890.90	22 41N	86 21E	87.0	187.0	2.733	24.15	68.6	SO315	.02200	8.2706	0.4	A
9015	17911.70	20 55N	85 10E	78.3	186.9	3.211	-9.45	68.5	SO315	.02200	9.2436	0.4	F
9016	17914.50	20 56N	85 10E	77.4	186.9	3.211	-9.10	68.5	SO315	.02200	9.4663	0.6	V
9017	17917.30	20 56N	85 10E	78.3	186.9	3.439	-8.75	68.5	SO315	.02200	9.2436	0.6	A
9018	17925.90	20 16N	85 49E	86.2	186.9	2.872	22.05	69.4	SO315	.01680	8.3581	0.6	A
24 5001	22739.90	55 26N	73 17E	86.8	191.4	2.033	24.50	44.9	SO315	.01710	8.4428	0.6	V
5002	22742.90	55 27N	73 18E	88.2	191.3	1.810	25.20	44.9	SO315	.01710	8.2202	0.8	A
5003	22884.90	45 47N	67 50E	85.1	189.2	2.170	-29.40	52.7	SO315	.02260	8.5912	0.8	V
5004	22888.10	45 47N	67 50E	85.9	189.2	2.170	-29.05	52.7	SO315	.02260	8.4575	0.8	A
5005	22927.10	42 28N	68 47E	86.5	188.8	2.511	25.55	56.0	SO315	.02260	8.4015	0.6	F
5006	22930.30	42 28N	68 47E	85.8	188.7	2.511	25.90	56.0	SO315	.02260	8.5417	0.4	V
5007	23130.30	28 47N	64 55E	76.0	187.3	3.090	7.00	65.4	SO315	.01710	9.6301	0.6	V

Handle via
BYEMAN Channels
BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
24 5008	23133.10	28 47N	64 54E	77.0	187.3	3.090	7.00	65.4	S0315	.01710	9.4074	0.6	A
9001	22780.70	52 47N	72 2E	86.8	190.6	2.170	24.15	47.5	S0315	.02200	8.3695	0.6	F
9002	22783.70	52 28N	72 2E	86.0	190.6	2.170	24.50	47.5	S0315	.02200	8.5345	0.6	V
9003	22786.90	52 28N	72 2E	87.2	190.5	2.170	24.85	47.5	S0315	.02200	8.2953	0.6	A
9004	22862.90	47 18N	68 23E	82.8	189.5	2.170	-25.90	51.5	S0315	.02200	8.8513	0.6	V
9005	22914.70	43 18N	68 12E	76.3	188.9	2.733	1.05	55.1	S0315	.03090	9.4992	0.4	F
9006	22919.50	43 18N	68 12E	75.4	188.8	2.511	1.75	55.1	S0315	.03090	9.7501	0.4	V
9007	22930.10	42 28N	68 47E	85.8	188.7	2.511	25.90	56.0	S0315	.02200	8.5427	0.6	V
9008	22933.30	42 28N	68 47E	87.0	188.7	2.170	26.60	56.0	S0315	.02200	8.2871	0.4	A
9009	23083.90	32 17N	64 47E	82.0	187.6	2.872	-24.85	62.8	S0315	.02200	8.8478	0.8	A
9010	23127.30	28 48N	64 56E	77.0	187.4	3.090	7.00	65.4	S0315	.01680	9.4250	0.6	F
9011	23130.10	28 48N	64 55E	76.1	187.3	3.090	7.00	65.4	S0315	.01680	9.6412	0.6	V
9012	23133.10	28 47N	64 54E	76.9	187.3	3.090	7.00	65.4	S0315	.01680	9.4085	0.4	A
9013	23159.70	26 50N	64 9E	76.6	187.2	3.211	-8.40	66.1	S0315	.02200	9.4580	1.2	A
9014	23181.90	25 19N	63 22E	82.7	187.1	2.872	-25.55	66.6	S0315	.02200	8.8478	0.8	V
25 5001	28098.30	53 34N	49 51E	80.7	190.9	2.170	15.05	46.5	S0315	.02260	9.0776	0.6	V
5002	28101.30	53 34N	49 51E	81.7	190.8	2.170	15.40	46.5	S0315	.02260	8.8633	0.6	A
5003	28151.10	50 11N	48 34E	80.9	190.0	2.170	15.05	49.4	S0315	.01710	8.9705	0.4	A
5004	28202.10	46 28N	47 55E	89.2	189.4	2.170	29.40	52.8	S0315	.02260	8.2566	1.0	V
5005	28205.50	46 28N	47 55E	90.6	189.3	2.170	29.75	52.8	S0315	.02260	7.9975	0.8	A
5006	28273.29	41 32N	45 8E	76.9	188.6	2.511	-11.55	56.3	S0315	.02260	9.4157	0.4	F
5007	28276.09	41 31N	45 8E	75.9	188.6	2.511	-11.20	56.3	S0315	.02260	9.6348	0.4	V
5008	28281.69	41 6N	45 22E	75.1	188.5	2.733	0.00	56.8	S0315	.02260	9.7702	0.4	V
5009	28284.49	41 0N	45 21E	76.0	188.5	2.733	0.35	56.8	S0315	.02260	9.5476	0.4	A
5010	28294.29	40 18N	44 38E	77.1	188.4	2.511	-17.50	57.2	S0315	.02260	9.5064	0.4	V
5011	28297.09	40 18N	44 38E	78.0	188.4	2.733	-17.50	57.2	S0315	.02260	9.3250	0.4	A
5012	28307.89	39 13N	45 25E	79.7	188.3	2.511	17.85	58.5	S0315	.02260	9.2178	1.0	V
5013	28314.69	38 54N	45 38E	87.0	188.3	2.385	26.95	58.8	S0315	.02260	8.6191	0.6	A
5014	28350.29	36 16N	43 60E	75.9	188.0	2.872	-6.30	60.4	S0315	.02260	9.5558	0.6	F
5015	28353.09	36 15N	43 60E	75.0	188.0	2.872	-5.95	60.4	S0315	.02260	9.7785	0.4	V
5016	28359.09	35 53N	44 20E	78.3	187.9	2.872	11.55	61.1	S0315	.02260	9.2858	0.8	F
5017	28362.09	35 53N	44 20E	77.5	187.9	2.872	11.90	61.1	S0315	.02260	9.4652	0.6	V
5018	28405.69	32 44N	43 51E	81.6	187.6	2.733	18.20	63.2	S0315	.02260	8.8633	0.4	A
5019	28427.09	31 1N	43 46E	86.9	187.5	2.511	27.30	64.4	S0315	.01330	8.4428	0.6	V
5020	28431.49	30 56N	43 41E	86.5	187.5	2.511	25.55	64.4	S0315	.01330	8.3603	0.8	A
5021	28529.29	24 7N	41 2E	80.3	187.0	3.090	-21.70	67.2	S0315	.01330	9.1189	0.6	V
5022	28564.29	21 50N	40 33E	81.6	186.9	3.090	-22.05	68.1	S0315	.01330	8.8550	0.6	F
5023	28582.09	20 20N	41 33E	90.1	186.9	2.511	29.05	69.6	S0315	.01710	8.1047	1.0	V
5024	28602.89	19 9N	41 4E	84.0	186.8	2.872	17.50	69.6	S0315	.02260	8.5747	0.6	A
5025	28647.29	15 44N	39 57E	79.6	186.7	3.439	-3.50	69.6	S0315	.02260	9.0859	0.6	F
5026	28653.09	15 44N	39 57E	79.8	186.7	3.439	-2.45	69.6	S0315	.02260	9.0529	0.6	A
5027	28685.29	13 31N	39 28E	79.5	186.6	3.439	-5.95	69.6	S0315	.02260	9.1024	0.6	A
5028	29083.49	13 56S	33 47E	110.5	186.6	3.439	-32.90	54.8	S0315	.01710	6.5629	0.6	V
5029	29087.69	13 57S	33 47E	111.4	186.6	3.439	-32.20	54.8	S0315	.01710	6.4557	0.4	A
5030	29103.89	15 45S	35 0E	104.1	186.7	3.090	16.10	54.3	S0315	.01710	6.9092	0.6	F
5031	29107.69	15 46S	35 1E	103.5	186.7	2.872	16.80	54.3	S0315	.01710	6.9999	0.6	V
5032	29118.69	16 0S	33 38E	107.1	186.7	3.574	-25.20	53.2	S0315	.01710	6.7031	0.6	A
5033	29131.29	17 25S	35 5E	113.5	186.7	2.385	26.95	53.2	S0315	.01710	6.3733	0.6	V
5034	29135.89	17 26S	35 2E	114.9	186.8	2.385	26.25	53.2	S0315	.01710	6.1919	0.6	A
5035	29158.29	19 32S	34 43E	116.6	186.8	2.511	26.60	51.4	S0315	.01710	6.1507	0.8	F
5036	29162.49	19 32S	34 43E	116.0	186.8	2.511	26.95	51.4	S0315	.01710	6.2084	1.0	V
5037	29170.09	19 48S	34 55E	125.8	186.8	2.033	32.90	51.4	S0315	.01330	5.6395	0.8	A
5038	29317.49	29 52S	31 0E	115.1	187.4	3.211	-19.95	41.5	S0315	.02260	6.2414	0.6	V
5039	29321.69	29 51S	30 60E	116.8	187.4	3.439	-19.95	41.5	S0315	.02260	6.0847	0.8	A
9001	27850.90	70 28N	59 5E	85.0	199.2	1.113	-11.90	30.7	S0315	.03090	8.5015	0.4	A
9002	27940.30	64 12N	55 18E	82.6	194.9	1.475	12.60	36.8	S0315	.03090	8.8561	0.8	V
9003	27943.30	64 12N	55 17E	83.5	194.8	1.475	12.60	36.8	S0315	.03090	8.6582	0.8	A
9004	28015.10	59 13N	49 48E	97.5	192.6	1.113	-36.05	41.0	S0315	.02200	7.3718	0.6	F
9005	28016.50	59 7N	49 46E	97.4	192.6	1.113	-36.05	41.1	S0315	.02200	7.3800	0.4	F
9006	28022.10	59 13N	49 48E	97.0	192.5	1.332	-36.05	41.0	S0315	.02200	7.4790	0.6	A
9007	28023.50	59 7N	49 45E	96.9	192.4	1.332	-36.05	41.1	S0315	.02200	7.4872	0.4	A
9008	28067.50	55 49N	49 13E	82.6	191.4	1.810	-21.70	44.2	S0315	.03090	8.8561	0.8	V
9009	28070.50	55 49N	49 13E	83.3	191.4	1.810	-21.35	44.2	S0315	.03090	8.7076	0.8	A
9010	28088.70	53 50N	50 18E	85.1	191.0	2.170	21.00	46.2	S0315	.02200	8.5097	0.6	F
9011	28091.90	53 50N	50 18E	84.2	191.0	2.170	21.35	46.2	S0315	.02200	8.6911	0.4	V
9012	28117.50	52 12N	48 6E	80.4	190.5	2.033	-16.80	47.4	S0315	.03090	8.9797	0.4	F
9013	28124.90	51 49N	48 34E	76.6	190.4	2.170	-1.05	47.9	S0315	.03090	9.5652	0.6	V
9014	28127.70	51 49N	48 34E	77.5	190.4	2.170	-0.70	47.9	S0315	.03090	9.3508	0.6	A
9015	28174.50	48 21N	46 14E	89.3	189.7	1.810	-31.85	50.6	S0315	.02200	8.0644	1.0	F
9016	28180.70	48 21N	46 14E	88.7	189.6	2.033	-31.50	50.6	S0315	.02200	8.1964	1.2	A
9017	28281.69	41 6N	45 22E	75.1	188.5	2.733	0.00	56.8	S0315	.03090	9.7714	0.4	V
9018	28284.29	41 0N	45 22E	75.9	188.5	2.733	0.35	56.8	S0315	.02200	9.5487	0.4	A
9019	28333.09	37 42N	45 5E	81.5	188.1	2.511	19.95	59.7	S0315	.02200	8.8726	1.0	A
9020	28345.49	35 50N	44 22E	79.1	187.9	2.872	13.65	61.2	S0315	.01680	9.1447	1.0	A
9021	28373.49	34 29N	44 36E	88.5	187.8	2.511	28.00	62.1	S0315	.02200	8.2376	0.8	F
9022	28383.69	33 52N	43 51E	77.4	187.8	2.872	8.05	62.2	S0315	.02200	9.3838	1.0	F
9023	28389.29	33 52N	43 51E	77.7	187.7	2.872	9.10	62.2	S0315	.02200	9.3096	0.8	A
9024	28396.69	33 42N	43 37E	76.6	187.7	2.872	4.20	62.5	S0315	.01680	9.4445	1.0	A
9025	28419.29	31 20N	43 11E	76.5	187.6	3.090	3.15	63.8	S0315	.01680	9.4745	0.8	F
9026	28443.49	29 40N	43 30E	88.2	187.4	2.733	27.30	65.3	S0315	.02200	8.2459	1.0	F
9027	28480.49	27 29N	41 42E	79.6	187.3	3.090	-21.70	65.6	S0315	.02200	9.2024	1.0	V
9028	28582.69	20 17N	41 38E	90.2	186.9	2.511	29.05	69.6	S0315	.02200	8.1057	1.0	V
9029	28593.89	19 47N	40 50E	78.9	186.8	3.211	3.15	69.1	S0315	.02200	9.1447	1.0	A
9030	28634.49	16 40N	39 27E	88.5	186.7	3.090	-29.05	68.9	S0315	.02200	8.1387	1.4	F

Handle via
BYEMAN Channels
BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
25 9031	28646.49	15 47N	39 57E	79.6	186.7	3.439	-3.50	69.6	S0315	.02200	9.0869	1.6	F
9032	28652.09	15 48N	39 58E	79.7	186.7	3.439	-2.45	69.6	S0315	.02200	9.0540	1.0	A
9033	28660.49	14 51N	39 22E	82.4	186.7	3.211	-20.30	69.2	S0315	.02200	8.7489	0.6	F
9034	28671.09	14 6N	39 35E	79.1	186.6	3.439	-6.65	69.6	S0315	.02200	9.1364	0.8	F
9035	28676.89	14 5N	39 35E	79.2	186.6	3.439	-5.60	69.6	S0315	.02200	9.1117	0.8	A
9036	28681.69	13 64N	39 28E	78.5	186.6	3.439	-6.65	69.6	S0315	.01280	9.3178	1.0	V
9037	28701.69	12 0N	38 59E	81.9	186.6	3.439	-15.75	69.2	S0315	.02200	8.8148	0.6	F
9038	28712.49	11 9N	39 39E	86.8	186.6	3.090	17.15	69.9	S0315	.02200	8.3551	0.6	F
9039	28747.09	9 4N	38 38E	81.1	186.5	3.439	-8.40	68.8	S0315	.02200	9.0045	0.6	V
9040	28753.89	8 45N	39 1E	84.1	186.5	3.211	10.50	69.2	S0315	.02200	8.5592	1.0	A
9041	28856.69	1 49N	36 48E	94.8	186.4	3.439	-28.35	65.5	S0315	.01280	7.6109	0.8	A
9042	28870.29	0 23N	36 54E	88.7	186.4	3.439	-17.50	65.0	S0315	.02200	8.1057	0.8	F
9043	28875.09	0 5N	36 55E	87.9	186.4	3.439	-14.70	64.9	S0315	.02200	8.1881	0.8	F
9044	28881.09	0 5N	37 2E	86.8	186.4	3.574	-9.10	65.1	S0315	.02200	8.2788	0.8	A
9045	28965.09	6 8S	35 45E	93.3	186.5	3.439	-17.15	61.0	S0315	.02200	7.6934	0.8	F
9046	28972.29	6 10S	35 46E	93.1	186.5	3.574	-15.75	61.0	S0315	.02200	7.7099	0.4	A
9047	29054.49	12 11S	36 9E	114.6	186.6	2.385	31.85	57.5	S0315	.01680	6.5163	1.2	V
9048	29063.29	12 28S	35 27E	99.7	186.6	3.090	12.95	56.9	S0315	.02200	7.1409	1.0	A
9049	29067.49	13 15S	35 17E	98.6	186.6	3.090	10.85	56.2	S0315	.01680	7.2393	0.6	F
9050	29079.09	13 55S	33 43E	114.2	186.6	3.211	-35.00	54.7	S0315	.01680	6.2421	1.4	F
9051	29134.29	17 20S	35 3E	114.6	186.8	2.385	26.25	53.2	S0315	.01680	6.1844	1.2	A
9052	29287.69	27 59S	32 27E	110.4	187.3	2.872	8.40	43.7	S0315	.02200	6.5142	0.8	V
9053	29291.89	27 59S	32 27E	112.2	187.3	2.872	8.75	43.7	S0315	.02200	6.3080	0.8	A
26 9001	32998.49	81 10N	64 27E	88.8	225.7	0.286	-8.05	19.5	S0315	.03090	8.1964	0.8	V
9002	33001.69	81 11N	64 28E	89.7	224.7	0.286	-8.05	19.4	S0315	.03090	8.0315	1.0	A
9003	33320.09	60 45N	30 8E	80.0	193.3	1.810	-3.85	39.9	S0315	.02200	9.0292	0.6	F
9004	33323.09	60 44N	30 8E	78.9	193.2	1.810	-3.50	39.9	S0315	.02200	9.2684	0.6	V
9005	33329.69	60 2N	30 20E	80.9	193.0	1.810	8.05	40.6	S0315	.03090	8.9385	2.6	F
9006	33335.49	60 2N	30 20E	80.9	192.9	1.810	8.75	40.6	S0315	.03090	8.9468	2.6	A
9007	33341.89	59 60N	30 8E	81.0	192.7	1.810	9.45	41.0	S0315	.03090	8.9385	0.6	A
9008	33348.09	58 47N	29 50E	81.5	192.5	2.033	11.20	41.8	S0315	.03090	8.8808	0.6	F
9009	33351.09	58 46N	29 50E	80.6	192.5	1.810	11.90	41.8	S0315	.03090	9.0669	0.6	V
9010	33358.69	58 10N	30 21E	90.1	192.3	1.810	27.65	42.5	S0315	.03090	8.1469	0.6	V
9011	33361.89	58 10N	30 21E	91.1	192.2	1.810	27.65	42.5	S0315	.03090	7.9490	0.8	A
9012	33373.49	57 20N	28 27E	77.9	191.9	2.033	-3.85	43.0	S0315	.03090	9.4003	0.8	V
9013	33376.49	57 19N	28 27E	78.7	191.9	2.033	-3.50	43.0	S0315	.03090	9.2024	0.8	A
9014	33386.09	56 15N	28 20E	79.0	191.7	2.033	4.20	44.0	S0315	.03090	9.1612	1.0	F
9015	33391.89	56 15N	28 20E	78.9	191.6	2.033	4.90	44.0	S0315	.03090	9.1694	0.8	A
9016	33398.09	55 56N	28 16E	79.1	191.4	2.033	9.80	44.7	S0315	.03090	9.2601	0.6	V
9017	33407.09	55 0N	26 45E	82.3	191.3	1.810	-21.70	44.8	S0315	.03090	8.8890	0.6	V
9018	33410.09	55 0N	26 45E	83.1	191.2	2.033	-21.70	44.8	S0315	.03090	8.7324	0.4	A
9019	33412.89	54 57N	26 39E	83.4	191.1	2.033	-22.40	45.0	S0315	.03090	8.6994	0.4	A
9020	33421.89	53 48N	27 34E	79.9	191.0	2.170	10.50	46.3	S0315	.03090	9.0540	0.6	F
9021	33424.69	53 48N	27 34E	79.0	190.9	2.170	10.85	46.3	S0315	.03090	9.2684	0.6	V
9022	33433.69	53 7N	26 4E	82.3	190.8	1.810	-20.65	46.6	S0315	.03090	8.7654	0.6	F
9023	33436.69	53 7N	26 4E	81.1	190.7	2.033	-20.65	46.6	S0315	.03090	9.0292	0.6	V
9024	33444.29	52 18N	26 47E	78.2	190.6	2.385	4.90	47.5	S0315	.03090	9.2519	0.8	F
9025	33449.89	52 16N	26 47E	78.2	190.5	2.170	5.95	47.5	S0315	.03090	9.2601	0.8	A
9026	33455.29	51 56N	26 53E	80.0	190.4	2.170	12.25	47.9	S0315	.03090	9.0540	0.4	A
9027	33461.89	51 21N	25 55E	76.9	190.3	2.170	-8.40	48.3	S0315	.03090	9.5240	0.6	V
9028	33464.69	51 21N	25 55E	77.7	190.3	2.170	-8.40	48.3	S0315	.03090	9.3261	0.6	A
9029	33497.49	48 58N	24 45E	79.4	189.8	2.170	-18.90	50.2	S0315	.03090	9.2271	0.4	V
9030	33500.49	48 57N	24 45E	80.1	189.8	2.170	-18.55	50.2	S0315	.03090	9.0540	0.4	A
9031	33739.89	32 0N	20 4E	89.2	187.6	2.385	-33.25	62.7	S0315	.02200	8.0809	0.6	F
9032	33743.09	32 0N	20 4E	87.8	187.6	2.385	-32.90	62.7	S0315	.02200	8.3448	0.6	V
9033	33746.69	32 1N	20 5E	87.8	187.6	2.733	-32.20	62.8	S0315	.02200	8.2706	1.0	A
9034	33763.29	30 42N	20 13E	78.5	187.5	2.872	-18.90	63.9	S0315	.02200	9.3261	0.6	V
9035	33766.09	30 42N	20 13E	79.3	187.5	2.872	-18.55	63.9	S0315	.02200	9.1447	0.6	A
9036	33781.49	29 16N	19 43E	83.5	187.4	2.733	-26.25	64.6	S0315	.02200	8.6417	0.8	F
9037	33788.29	28 59N	19 47E	80.1	187.4	2.872	-22.05	64.8	S0315	.02200	9.1364	0.8	V
9038	33798.49	28 27N	19 53E	78.1	187.3	3.090	-14.35	65.2	S0312	.03090	9.2849	0.8	A
9039	33904.29	21 0N	18 5E	84.1	186.9	3.090	-27.30	68.1	S0312	.03090	8.7076	1.0	V
9040	34086.09	8 40N	16 5E	85.6	186.5	3.439	-18.55	66.5	S0312	.03090	8.4355	1.0	A
9041	34124.69	5 60N	15 39E	86.2	186.5	3.574	-17.50	67.7	S0312	.03090	8.3695	1.0	A
9042	34143.09	4 10N	15 48E	84.6	186.5	3.439	-0.35	67.4	S0312	.03090	8.5345	1.0	F
9043	34175.09	2 4N	15 14E	86.1	186.4	3.574	-8.05	66.2	S0312	.03090	8.3695	1.0	F
9044	34203.69	0 0N	15 35E	94.2	186.4	3.090	19.25	65.7	S0312	.03090	7.6769	0.6	F
9045	34209.69	0 0S	15 57E	108.2	186.4	2.511	33.25	65.8	S0312	.02200	6.6791	1.0	F
9046	34223.29	0 49S	14 49E	87.8	186.4	3.574	-3.15	64.7	S0312	.03090	8.1799	1.0	A
9047	34390.29	12 10S	13 33E	106.2	186.6	2.733	22.05	57.2	S0312	.03090	6.6956	1.2	A
9048	34426.29	15 10S	12 8E	99.6	186.7	3.439	-9.45	54.3	S0312	.04090	7.2646	0.6	F
9049	34429.89	15 10S	12 10E	97.4	186.7	3.439	-8.05	54.3	S0312	.03090	7.4295	0.6	V
9050	34433.49	15 10S	12 10E	98.7	186.7	3.439	-7.35	54.3	S0312	.02200	7.2254	1.0	A
9051	34456.69	16 49S	12 34E	105.1	186.7	2.872	15.75	53.4	S0312	.03090	6.7616	0.8	A
27 9001	38778.89	51 56N	4 27E	78.2	190.5	2.385	5.25	47.9	S0312	.04090	9.2601	0.8	F
9002	38784.49	51 56N	4 28E	78.3	190.4	2.170	6.65	47.9	S0312	.04090	9.2519	0.6	A
9003	38831.09	48 60N	2 41E	77.2	189.7	2.170	-12.60	50.6	S0312	.04090	9.4828	0.6	V
9004	38833.89	48 59N	2 40E	78.0	189.7	2.385	-12.60	50.6	S0312	.04090	9.2931	0.6	A
9005	38853.49	47 5N	2 23E	76.0	189.5	2.385	-7.35	51.9	S0312	.04090	9.6477	0.6	V
9006	38856.29	47 5N	2 23E	76.8	189.4	2.385	-7.00	51.9	S0312	.04090	9.4415	0.6	A
9007	38900.69	43 40N	1 29E	76.3	188.9	2.511	-5.25	54.8	S0312	.02200	9.4828	1.0	F
9008	38906.29	43 39N	1 29E	76.1	188.9	2.511	-4.55	54.8	S0312	.02200	9.5157	0.8	A
9009	39016.09	35 45N	0 41W	77.0	187.9	2.733	-11.90	60.7	S0312	.04090	9.3920	1.0	F
9010	39021.69	35 45N	0 41W	76.8	187.9	2.872	-11.20	60.7	S0312	.04090	9.4415	0.8	A

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
27 9011	39026.29	35 14N	0 37W	74.9	187.9	2.872	-5.25	61.2	SO312	.03090	9.7879	0.6	V
9012	39029.09	35 10N	0 38W	75.7	187.9	2.872	-4.90	61.2	SO312	.03090	9.5652	0.6	A
9013	39033.69	34 52N	0 47W	75.5	187.8	2.872	-5.95	61.6	SO312	.03090	9.5817	2.0	F
9014	39039.09	34 52N	0 47W	75.4	187.8	2.872	-4.90	61.6	SO312	.03090	9.6064	2.0	A
9015	39047.49	33 44N	0 44W	75.0	187.7	2.872	3.50	62.3	SO312	.03090	9.7714	0.6	V
9016	39050.29	33 44N	0 44W	76.0	187.7	2.872	3.85	62.3	SO312	.03090	9.5322	0.6	A
9017	39058.09	32 46N	0 35W	80.6	187.7	2.872	16.10	63.1	SO312	.03090	9.0210	0.6	F
9018	39060.89	32 47N	0 35W	79.8	187.7	2.872	16.45	63.1	SO312	.03090	9.1941	0.6	V
9019	39068.09	32 9N	1 12W	75.7	187.6	3.090	-1.75	63.3	SO312	.03090	9.5735	1.0	F
9020	39079.29	31 40N	2 15W	87.9	187.6	2.511	-33.60	63.0	SO312	.01680	8.3203	0.6	V
9021	39082.49	31 40N	2 15W	88.7	187.5	2.733	-33.60	63.0	SO312	.01680	8.1964	0.6	A
9022	39089.09	30 57N	2 4W	80.3	187.5	2.872	-23.45	63.7	SO312	.03090	9.1117	1.0	V
9023	39100.49	30 10N	2 8W	78.8	187.4	2.872	-19.95	64.2	SO312	.03090	9.2931	1.0	V
9024	39113.49	29 21N	1 9W	85.1	187.4	2.733	23.45	65.4	SO312	.03090	8.4685	1.2	A
9025	39125.69	28 30N	1 9W	89.7	187.5	2.511	28.70	66.0	SO312	.03090	8.0397	1.4	A
9026	39301.69	16 23N	3 36W	91.1	186.7	2.733	26.25	70.3	SO312	.03090	7.8913	0.8	A
9027	39308.09	15 58N	4 0W	83.7	186.7	3.090	14.70	70.0	SO312	.01680	8.6004	0.8	A
9028	39322.09	14 53N	4 5W	87.2	186.7	3.090	20.30	70.2	SO312	.03090	8.3201	0.8	F
9029	39331.89	14 11N	5 1W	80.8	186.6	3.439	-14.35	69.4	SO312	.01680	9.0540	0.8	V
9030	39338.29	14 0N	5 23W	87.4	186.6	3.439	-26.25	69.1	SO312	.01630	8.2788	0.8	A
9031	39347.09	13 19N	4 54W	80.6	186.6	3.439	-2.45	69.6	SO312	.01680	8.9468	0.6	A
9032	39355.29	12 53N	5 26W	83.6	186.6	3.439	-18.20	69.2	SO312	.01680	8.6252	0.6	F
9033	39376.09	11 22N	5 41W	85.0	186.6	3.439	-19.95	69.0	SO312	.01680	8.5015	0.6	A
29 9001	48335.08	51 15N	128 1E	113.8	349.7	-2.167	3.15	-22.1	SO312	.29770	6.2503	0.8	A
30 9001	53701.48	53 25N	102 36E	142.5	349.0	-1.466	39.20	-19.2	SO312	.29770	5.0134	1.0	A
9002	55233.08	19 49N	70 42W	81.4	186.8	3.211	-18.55	68.7	SO312	.03090	8.8643	0.4	F
9003	55238.88	19 48N	70 34W	79.5	186.8	3.211	-12.25	68.9	SO312	.05410	9.0952	1.0	A
9004	55243.28	19 30N	70 41W	80.3	186.8	3.211	-15.05	68.9	SO312	.03090	9.0210	0.8	A
9005	55253.48	18 29N	69 55W	96.5	186.8	2.872	22.75	69.9	SO312	.03090	8.4436	0.4	V
9006	55256.68	18 29N	69 55W	87.9	186.8	2.872	25.10	69.9	SO312	.03090	8.1716	0.4	A
9007	55419.48	7 4N	72 6W	87.8	186.5	3.090	17.15	66.9	SO312	.03090	8.3036	1.0	V
9008	55459.88	4 17N	72 36W	88.9	186.5	3.090	16.10	67.8	SO312	.03090	8.2046	1.0	V
9009	55695.88	12 1S	77 2W	116.2	186.6	3.090	-37.10	56.1	SO312	.02200	6.1431	1.0	F
9010	55700.08	12 1S	77 1W	113.7	186.6	3.090	-36.05	56.1	SO312	.02200	6.3740	1.0	V
9011	55704.88	12 4S	76 60W	114.1	186.6	3.439	-35.35	56.1	SO312	.02200	6.2996	0.4	A
9012	55723.08	13 43S	76 13W	96.1	186.6	3.439	-2.45	55.5	SO312	.02200	7.5367	0.8	V
9013	55726.48	13 43S	76 13W	97.4	186.6	3.439	-1.75	55.5	SO312	.02200	7.3223	1.0	A
31 9001	59039.28	55 4N	82 59E	114.0	348.9	-2.167	-10.50	-18.7	SO312	.29770	6.2173	0.6	F
9002	59068.28	56 55N	84 53E	155.6	348.3	-1.466	-42.70	-17.9	SO312	.29770	4.5434	1.0	A
9003	60591.88	18 2N	92 47W	79.4	186.8	3.211	0.70	69.5	SO312	.03090	9.1034	0.8	A
9004	60604.48	16 48N	93 20W	80.4	186.7	3.439	-14.35	69.3	SO312	.03090	8.9880	0.8	F
9005	60610.08	16 47N	93 11W	79.4	186.7	3.439	-6.65	69.5	SO312	.03090	9.1034	1.4	A
9006	60619.28	15 45N	93 14W	79.8	186.7	3.439	-1.75	69.7	SO312	.03090	9.0705	1.0	F
9007	60629.28	15 2N	92 50W	85.6	186.7	3.090	17.50	70.2	SO312	.03090	8.4108	0.6	A
32 9001	65705.07	32 12N	110 52W	102.6	187.6	2.385	39.55	64.1	SO315	.01710	7.0906	0.8	F
9002	65712.47	32 12N	110 52W	103.9	187.6	2.033	40.60	64.1	SO315	.01710	6.9339	0.8	A
9001	64234.47	45 56N	63 40E	116.7	350.8	-2.514	-7.00	-27.2	SO312	.29770	5.1349	0.6	V
9002	64239.47	45 56N	63 20E	116.4	350.7	-2.387	-0.70	-27.1	SO312	.29770	5.0936	1.2	A
9003	64375.27	55 8N	61 29E	121.8	348.7	-1.812	-22.75	-18.8	SO312	.29770	5.8215	0.6	A
9004	64384.67	56 1N	60 44E	114.6	348.5	-2.028	-16.10	-17.8	SO312	.29770	6.2668	1.0	V
9005	64412.47	57 54N	60 7E	115.3	347.9	-1.812	-18.90	-16.1	SO312	.29770	6.2421	1.0	V
9006	64418.07	58 32N	59 39E	114.3	347.8	-2.028	-15.75	-15.5	SO312	.29770	6.2091	1.8	F
9007	64423.27	58 37N	59 48E	114.8	347.7	-1.812	-18.90	-15.4	SO312	.29770	6.2668	1.0	V
9008	65705.07	32 11N	110 52W	102.6	187.6	2.385	39.55	64.1	SO312	.02200	7.0914	0.6	F
9009	65712.47	32 11N	110 52W	103.8	187.6	2.033	40.60	64.1	SO312	.03090	6.9347	0.6	A
9010	65728.67	30 45N	112 13W	77.9	187.5	3.090	9.10	64.4	SO312	.03090	9.3096	1.2	F
9011	65734.27	30 45N	112 18W	77.5	187.5	3.090	7.00	64.4	SO312	.03090	9.3343	1.2	A
9012	65740.87	29 57N	112 40W	76.5	187.4	3.090	-1.40	64.7	SO312	.03090	9.4745	1.0	F
9013	65746.67	29 54N	112 23W	78.6	187.4	2.872	10.85	65.0	SO312	.03090	9.2024	0.6	A
9014	65759.27	28 56N	113 30W	81.4	187.3	2.872	-24.15	64.9	SO312	.03090	8.9880	1.2	V
9015	65775.47	27 55N	113 24W	77.4	187.3	3.090	-10.85	65.9	SO312	.03090	9.3426	0.8	F
9016	65783.87	27 20N	112 56W	79.0	187.2	3.090	10.50	66.4	SO312	.03090	9.1447	0.8	A
34 9001	74982.87	52 15N	14 9E	147.5	349.5	-0.982	40.95	-20.2	SO312	.29770	4.7825	0.6	F
9002	74990.27	52 49N	14 2E	148.8	349.4	-0.982	39.90	-19.7	SO312	.29770	4.8732	0.6	F
9003	74996.87	53 9N	13 23E	156.1	349.3	-0.762	44.45	-19.2	SO312	.29770	4.5352	0.6	F
9004	75000.67	53 2N	13 29E	152.4	349.2	-0.982	44.10	-19.3	SO312	.29770	4.7083	0.6	V
36 9001	137.66	64 42N	170 28E	79.1	195.1	1.475	-5.25	36.5	SO312	.04090	9.2436	0.8	V
9002	140.66	64 41N	170 28E	79.9	195.0	1.475	-4.90	36.5	SO312	.04090	9.0540	0.8	A
9003	274.86	55 15N	165 59E	78.1	191.4	2.170	5.60	45.2	SO312	.04090	9.2684	0.4	F
9004	277.66	55 15N	165 59E	77.2	191.3	2.170	5.95	45.2	SO312	.04090	9.4910	0.4	V
9005	280.46	55 15N	165 59E	78.1	191.3	2.170	6.30	45.2	SO312	.05410	9.2684	0.4	A
37 9001	5491.46	62 48N	148 10E	82.8	194.1	1.475	16.10	38.4	SO312	.03090	8.7489	0.6	A
9002	5501.66	61 40N	147 53E	86.5	193.8	1.810	22.75	39.5	SO312	.02200	8.3778	0.4	F

Handle via
BYEMAN Channels
BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
37 9003	5625.06	53 30N	141 29E	91.1	190.9	1.475	-33.25	46.3	S0312	.0220U	7.8995	0.4	F
9004	5628.26	53 26N	141 29E	89.7	190.8	1.687	-33.25	46.3	S0312	.0220U	8.1654	0.6	V
9005	5633.46	53 14N	141 25E	88.3	190.7	1.687	-31.85	46.6	S0312	.0220U	8.2953	0.4	V
9006	5636.66	53 14N	141 26E	88.9	190.7	1.687	-31.50	46.6	S0312	.0220U	8.1634	0.4	A
9007	5644.26	52 14N	141 39E	80.7	190.5	2.033	-19.60	47.6	S0312	.0220U	8.9468	0.4	F
9008	5647.26	52 14N	141 39E	79.5	190.5	2.033	-19.25	47.6	S0312	.0220U	9.2106	0.4	V
9009	5651.06	51 46N	141 41E	78.7	190.4	2.033	-14.70	48.1	S0312	.0409U	9.1777	0.8	F
9010	5656.66	51 46N	141 42E	78.3	190.4	2.170	-14.00	48.1	S0312	.0409U	9.2601	1.0	A
9011	5688.26	49 18N	140 16E	86.7	189.9	1.810	-29.75	50.1	S0312	.0309U	8.3036	1.2	F
9012	5694.46	49 3N	140 18E	83.3	189.8	2.033	-26.95	50.3	S0312	.0409U	8.7901	0.4	V
9013	5697.46	49 3N	140 19E	84.0	189.8	2.033	-26.60	50.3	S0312	.0409U	8.6499	0.4	A
9014	5746.66	45 29N	141 4E	85.8	189.2	2.170	25.55	53.8	S0312	.0309U	8.4273	0.8	A
38 9001	10797.25	63 43N	125 34E	79.5	194.7	1.475	-3.15	37.4	S0312	.0409U	9.0787	1.0	F
9002	10803.05	63 40N	125 33E	79.3	194.5	1.475	-2.80	37.4	S0312	.0409U	9.1199	0.8	A
9003	10986.45	51 20N	119 35E	76.5	190.3	2.385	-8.05	48.5	S0312	.0409U	9.4663	0.4	A
9004	11010.45	49 16N	119 45E	80.3	189.9	2.385	15.75	50.6	S0312	.0309U	9.0210	0.6	F
9005	11013.65	49 11N	119 42E	79.9	189.9	2.385	15.40	50.6	S0312	.0309U	9.2349	0.8	V
9006	11017.45	49 8N	119 35E	78.6	189.8	2.385	12.95	50.6	S0312	.0309U	9.1941	0.4	A
9007	11073.25	45 0N	118 15E	76.3	189.1	2.511	10.50	53.9	S0312	.0309U	9.5982	0.4	V
9008	11079.05	44 57N	117 36E	75.3	189.1	2.511	-5.60	54.2	S0312	.0309U	9.5982	0.6	F
9009	11087.45	44 28N	117 4E	79.0	189.0	2.511	-20.30	54.2	S0312	.0309U	9.1694	0.4	A
9010	11135.45	40 57N	117 29E	84.3	188.5	2.511	25.20	57.8	S0312	.0309U	8.6169	0.6	F
9011	11147.45	39 56N	116 15E	76.1	188.4	2.733	-9.45	57.9	S0312	.0309U	9.4910	0.6	F
9012	11150.25	39 56N	116 15E	75.2	188.4	2.733	-9.10	57.9	S0312	.0309U	9.7384	0.4	V
9013	11152.85	39 56N	116 15E	76.0	188.4	2.733	-8.75	57.9	S0312	.0409U	9.5322	0.6	A
9014	11141.85	37 01N	116 8E	76.7	188.1	2.872	6.65	59.9	S0312	.0309U	9.4498	0.8	F
9015	11187.25	37 32N	116 8E	76.9	188.1	2.733	7.70	59.9	S0312	.0309U	9.4003	0.8	A
9016	11313.85	28 35N	114 29E	81.9	187.3	2.733	19.95	66.0	S0312	.0220U	8.9385	0.6	V
9017	11316.85	28 35N	114 28E	83.1	187.3	2.733	20.30	66.0	S0312	.0220U	8.6664	0.6	A
9018	11354.05	25 55N	113 3E	77.4	187.2	3.090	-14.00	66.8	S0312	.0309U	9.4498	0.4	V
9019	11356.85	25 55N	113 3E	78.2	187.1	3.090	-13.30	66.8	S0312	.0309U	9.2549	0.4	A
9020	11414.25	21 53N	113 11E	86.2	186.9	2.733	22.40	69.1	S0312	.0309U	8.3366	0.6	A
39 9001	16437.65	42 30N	95 37E	81.1	188.7	2.385	19.95	56.2	S0312	.0309U	8.8973	0.4	A
9002	16451.25	41 54N	95 19E	80.1	188.6	2.511	18.55	56.9	S0312	.0309U	9.0210	0.4	A
9003	16599.45	31 26N	92 4E	74.6	187.5	3.090	-11.55	63.8	S0312	.0309U	9.7146	0.6	A
9004	16632.65	29 0N	92 50E	93.2	187.4	2.385	33.95	66.0	S0312	.0168U	7.7099	0.6	A
9005	16673.05	26 8N	91 37E	79.4	187.2	2.872	13.65	67.2	S0312	.0309U	9.2189	0.8	V
9006	16676.25	26 7N	91 35E	80.2	187.2	2.872	13.30	67.2	S0312	.0220U	8.9860	0.6	A
40 5001	21583.45	54 23N	77 22E	80.6	191.1	2.033	17.15	46.1	S0315	.0226U	9.0859	0.6	V
5002	21586.45	54 23N	77 22E	81.8	191.0	2.033	17.50	46.1	S0315	.0226U	8.8633	0.6	A
5003	21722.45	45 8N	73 59E	78.8	189.1	2.511	13.30	54.0	S0315	.0226U	9.2013	0.6	A
5004	21901.85	32 44N	69 50E	79.1	187.6	2.733	-23.10	62.8	S0315	.0171U	9.2590	0.6	V
5005	21905.05	32 42N	69 51E	79.8	187.6	2.733	-22.40	62.8	S0315	.0171U	9.1106	0.4	A
5006	21936.05	30 1N	70 36E	86.3	187.4	2.733	24.85	65.3	S0315	.0171U	8.4263	0.8	F
5007	21942.25	30 1N	70 36E	87.1	187.4	2.511	25.90	65.3	S0315	.0171U	8.3026	0.8	A
5008	21996.25	26 14N	68 24E	83.6	187.2	2.872	-26.95	66.4	S0315	.0171U	8.7396	0.6	V
9001	21556.85	56 36N	76 38E	82.2	191.6	1.810	-21.35	43.9	S0312	.0220U	8.8313	0.4	A
9002	21570.65	55 10N	75 60E	83.7	191.3	1.687	-24.15	45.0	S0312	.0409U	8.6169	0.4	F
9003	21608.65	52 25N	76 57E	86.6	190.6	2.170	25.20	47.9	S0312	.0309U	8.3943	0.8	F
9004	21613.05	52 19N	76 59E	86.9	190.6	2.170	24.95	48.0	S0312	.0309U	8.4438	0.6	V
9005	21624.25	51 54N	75 23E	77.0	190.4	2.170	-9.10	48.1	S0312	.0409U	9.4085	0.6	A
9006	21626.65	51 44N	75 20E	77.1	190.3	2.170	-9.10	48.2	S0312	.0409U	9.4085	0.6	A
9007	21694.45	46 36N	74 32E	79.7	189.4	2.511	15.40	52.8	S0312	.0309U	9.1034	0.6	F
9008	21697.25	46 36N	74 32E	78.9	189.4	2.511	15.75	52.8	S0312	.0309U	9.2961	0.6	V
9009	21706.65	45 54N	73 32E	76.1	189.3	2.511	-8.40	53.2	S0312	.0409U	9.4992	0.6	F
9010	21712.25	45 53N	73 36E	75.7	189.2	2.511	-5.25	53.2	S0312	.0309U	9.5735	1.4	A
9011	21748.85	43 0N	72 44E	75.7	188.8	2.511	-7.70	55.5	S0312	.0309U	9.5570	0.8	F
9012	21754.25	43 0N	72 44E	75.6	188.8	2.733	-7.35	55.5	S0312	.0309U	9.5300	0.8	A
9013	21758.65	42 42N	72 39E	75.8	188.7	2.733	-7.70	55.8	S0312	.0409U	9.5652	0.4	A
9014	21781.45	40 45N	72 18E	75.4	188.5	2.733	-2.80	57.4	S0312	.0309U	9.6064	0.6	F
9015	21786.85	40 43N	72 18E	75.4	188.5	2.733	-2.10	57.4	S0312	.0309U	9.6147	0.6	A
9016	21889.45	33 26N	69 56E	81.7	187.7	2.733	-25.20	62.4	S0312	.0220U	8.8313	1.2	F
9017	21895.45	33 22N	69 55E	81.2	187.7	2.872	-24.50	62.4	S0312	.0220U	8.9303	1.0	A
9018	21910.45	32 21N	69 35E	83.8	187.6	2.733	-28.35	63.0	S0312	.0309U	8.6664	1.4	A
9019	21921.25	31 24N	69 28E	81.3	187.5	2.733	-25.90	63.6	S0312	.0309U	9.0127	1.0	V
9020	21957.45	28 41N	69 11E	78.9	187.3	3.090	-17.15	65.3	S0312	.0309U	9.1529	0.8	F
9021	21966.45	28 19N	68 26E	92.9	187.3	2.511	-37.45	65.1	S0312	.0220U	7.8913	0.8	V
9022	21973.85	27 46N	68 49E	81.0	187.3	2.872	-23.10	65.7	S0312	.0309U	9.0292	1.2	V
9023	22004.85	25 25N	68 22E	82.2	187.1	2.872	-22.75	66.8	S0312	.0309U	8.7654	0.6	F
9024	22007.85	25 25N	68 22E	81.0	187.1	3.090	-22.40	66.8	S0312	.0309U	9.0375	1.8	V
9025	22017.65	24 52N	68 51E	77.6	187.1	3.211	0.70	67.5	S0312	.0309U	9.3178	0.3	A
9026	22037.65	23 16N	68 54E	80.7	187.0	3.090	14.70	68.5	S0312	.0220U	9.0705	1.0	V
9027	22049.05	22 27N	68 60E	86.3	187.0	2.733	23.80	69.0	SD312	.0309U	8.4767	1.0	V
41 5001	26680.65	69 47N	61 35E	94.7	198.6	0.776	-32.55	31.7	S0315	.0171U	7.7255	0.6	V
5002	26684.05	69 46N	61 35E	95.6	198.4	0.986	-32.55	31.7	S0315	.0171U	7.5770	0.6	A
5003	26704.65	67 31N	64 1E	92.6	197.3	1.332	29.00	34.0	S0315	.0171U	7.8162	0.8	F
5004	27166.45	36 19N	50 2E	89.3	188.0	2.385	30.10	61.2	S0315	.0226U	8.1460	0.6	F
5005	27169.65	36 19N	50 2E	88.7	188.0	2.385	30.45	61.2	S0315	.0226U	8.2696	0.6	V
5006	27173.65	36 18N	50 1E	90.0	188.0	2.170	30.80	61.2	S0315	.0226U	8.0470	0.6	A

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
41 5007	27245.45	31 21N	48 40E	85.9	187.5	2.511	24.50	64.5	S0315	.02260	8.4263	0.6	A
5008	27514.24	12 51N	44 60E	90.6	186.6	2.872	22.75	70.3	S0315	.01710	7.9398	1.2	A
9001	26657.45	71 7N	66 47E	84.6	200.1	1.113	14.00	50.5	S0312	.04090	8.5427	0.4	A
9002	26712.85	67 7N	62 39E	83.7	196.9	1.332	14.70	54.4	S0312	.03090	8.6417	0.8	F
9003	26715.85	67 7N	62 39E	82.7	196.8	1.332	15.05	54.4	S0312	.03090	8.8396	0.8	V
9004	26718.85	67 7N	62 38E	83.6	196.6	1.332	15.05	54.4	S0312	.04090	8.6417	0.8	A
9005	26849.25	58 5N	56 19E	78.4	192.3	2.033	4.90	42.7	S0312	.04090	9.2271	1.0	F
9006	26854.85	58 5N	56 19E	78.4	192.1	2.033	5.60	42.7	S0312	.04090	9.2554	1.0	A
9007	26859.85	57 44N	56 18E	78.9	192.0	2.033	8.75	43.1	S0312	.04090	9.1694	0.6	A
9008	26880.45	56 17N	54 17E	82.2	191.6	1.810	-23.10	44.1	S0312	.03090	8.8973	0.6	V
9009	26883.45	56 17N	54 16E	83.1	191.5	1.810	-23.10	44.1	S0312	.03090	8.7159	0.6	A
9010	26999.25	48 26N	51 32E	81.7	189.6	2.033	-23.10	51.0	S0312	.04090	8.8808	0.4	A
9011	27010.65	47 9N	51 50E	76.1	189.5	2.385	-4.90	52.2	S0312	.04090	9.5075	0.6	F
9012	27013.45	47 8N	51 50E	75.1	189.5	2.385	-4.55	52.2	S0312	.04090	9.7549	0.6	V
9013	27016.85	47 5N	51 52E	76.0	189.4	2.385	-2.80	52.3	S0312	.05410	9.5405	0.6	A
9014	27035.05	45 46N	51 46E	77.5	189.2	2.385	9.10	53.8	S0312	.04090	9.3691	0.4	F
9015	27037.85	45 45N	51 46E	76.6	189.2	2.385	9.45	53.8	S0312	.04090	9.5652	0.4	V
9016	27040.65	45 45N	51 46E	77.6	189.1	2.385	9.80	53.8	S0312	.04090	9.3261	0.4	A
9017	27061.05	43 59N	51 17E	77.6	188.9	2.385	10.15	55.2	S0312	.02200	9.3426	0.8	F
9018	27066.65	43 58N	51 17E	77.8	188.9	2.385	10.85	55.2	S0312	.02200	9.2931	0.8	A
9019	27106.45	40 37N	49 34E	79.5	188.5	2.385	-19.95	57.3	S0312	.02200	9.0787	0.8	F
9020	27112.25	40 37N	49 34E	79.2	188.4	2.385	-19.25	57.3	S0312	.02200	9.1612	0.8	A
9021	27120.45	39 41N	48 60E	85.8	188.4	2.385	-30.10	57.8	S0312	.02200	8.4025	1.4	F
9022	27126.45	39 42N	48 60E	85.2	188.3	2.385	-29.40	57.8	S0312	.02200	8.5180	1.2	A
9023	27184.65	35 15N	48 42E	75.9	187.9	2.733	-5.95	61.4	S0312	.02200	9.5522	0.6	F
9024	27189.85	34 56N	48 27E	76.1	187.8	2.733	-12.60	61.6	S0312	.03090	9.5075	0.6	F
9025	27195.25	34 55N	48 27E	75.9	187.8	2.733	-11.55	61.6	S0312	.03090	9.5570	0.6	A
9026	27224.85	32 27N	48 9E	76.0	187.6	2.733	-3.50	63.3	S0312	.03090	9.5240	0.6	F
9027	27227.65	32 26N	48 9E	75.2	187.6	2.733	-3.15	63.3	S0312	.03090	9.7466	0.6	V
9028	27232.45	32 17N	48 17E	76.7	187.6	2.733	4.20	63.5	S0312	.03090	9.4333	0.6	A
9029	27239.05	31 22N	48 37E	84.1	187.6	2.733	22.05	64.4	S0312	.03090	8.6417	0.6	F
9030	27242.05	31 22N	48 37E	83.4	187.5	2.733	22.40	64.4	S0312	.03090	8.7901	0.6	V
9031	27256.25	30 25N	48 15E	80.2	187.5	2.733	16.80	64.9	S0312	.03090	9.1364	1.2	V
9032	27261.65	30 4N	47 57E	77.2	187.4	2.733	9.10	65.0	S0312	.04090	9.4848	1.0	V
9033	27264.85	30 4N	47 57E	78.3	187.4	2.733	9.45	65.0	S0312	.04090	9.2271	0.6	A
9034	27272.05	29 5N	48 10E	85.5	187.4	2.733	23.45	65.8	S0312	.04090	8.5015	1.0	F
9035	27278.25	29 5N	48 10E	86.2	187.4	2.511	24.50	65.8	S0312	.04090	8.3695	1.0	A
9036	27289.25	28 6N	48 5E	87.9	187.3	2.511	27.65	66.5	S0312	.03090	8.3366	1.2	V
9037	27294.65	27 31N	47 57E	98.6	187.3	2.733	26.95	66.8	S0312	.03090	8.2046	1.4	F
9038	27306.65	26 56N	47 14E	76.9	187.2	3.090	5.95	66.7	S0312	.03090	9.5522	0.8	V
9039	27312.05	26 55N	47 20E	78.8	187.2	2.872	12.60	67.0	S0312	.03090	9.2931	1.4	V
9040	27329.25	25 53N	46 39E	77.0	187.1	3.090	-3.85	67.3	S0312	.03090	9.4003	0.8	F
9041	27336.25	24 49N	46 45E	77.7	187.1	3.090	3.85	67.7	S0312	.03090	9.3343	0.6	F
9042	27339.05	24 49N	46 45E	76.9	187.1	3.090	4.20	67.7	S0312	.03090	9.5240	1.2	V
9043	27342.65	24 41N	46 44E	78.0	187.1	3.090	4.90	67.7	S0312	.03090	9.2601	0.8	A
9044	27404.05	20 0UN	45 37E	78.7	186.9	3.090	-8.05	68.9	S0312	.03090	9.1859	0.8	A
9045	27446.85	17 59N	44 26E	90.5	186.7	3.090	-31.85	68.9	S0312	.03090	8.0067	1.0	A
9046	27463.64	15 59N	44 51E	79.6	186.7	3.439	-6.30	69.7	S0312	.03090	9.0869	1.0	F
9047	27473.24	15 42N	44 13E	86.3	186.7	3.211	-26.60	69.2	S0312	.03090	8.3366	1.0	F
9048	27479.44	15 42N	44 12E	86.4	186.7	3.439	-26.60	69.2	S0312	.03090	8.3778	1.0	A
9049	27487.44	14 34N	44 24E	79.8	186.6	3.439	-13.65	69.5	S0312	.03090	9.1612	0.6	V
9050	27490.45	14 21N	44 23E	80.5	186.6	3.439	-12.95	69.5	S0312	.03090	9.0705	0.8	V
9051	27497.04	13 51N	44 43E	80.0	186.6	3.211	4.55	69.9	S0312	.03090	9.1364	0.8	V
9052	27500.64	13 48N	44 44E	81.4	186.6	3.211	6.30	70.0	S0312	.03090	8.8478	1.2	A
9053	27507.44	12 51N	45 2E	90.5	186.5	2.872	23.10	70.3	S0312	.01680	8.0150	0.8	F
9054	27510.64	12 52N	45 2E	89.6	186.6	2.872	23.10	70.3	S0312	.03090	8.1551	1.6	V
9055	27514.64	12 49N	44 60E	90.5	186.6	2.872	22.75	70.3	S0312	.03090	7.9408	0.6	A
9056	27543.04	10 43N	43 56E	81.3	186.5	3.439	-4.55	69.3	S0312	.03090	8.9797	0.4	V
9057	27546.04	10 43N	43 56E	82.4	186.5	3.439	-4.20	69.4	S0312	.03090	8.7489	0.4	A
9058	27556.24	9 56N	44 6E	84.3	186.5	3.211	10.15	69.4	S0312	.01680	8.5922	0.8	F
9059	27559.24	9 56N	44 6E	83.5	186.5	3.211	10.50	69.4	S0312	.01680	8.7406	1.0	V
9060	27578.64	8 15N	43 34E	81.9	186.5	3.439	-2.10	68.8	S0312	.01680	8.9055	0.8	V
9061	27581.64	8 15N	43 34E	83.0	186.5	3.439	-1.75	68.8	S0312	.01680	8.6664	0.8	A
9062	27606.44	6 17N	43 45E	89.5	186.5	3.211	18.20	68.6	S0312	.03090	8.1551	1.4	V
9063	27640.04	3 50N	42 33E	86.6	186.5	3.439	-12.25	66.9	S0312	.03090	8.3118	0.8	F
9064	27643.04	3 51N	42 33E	85.7	186.5	3.439	-11.90	66.9	S0312	.03090	8.5015	1.0	V
9065	27650.24	3 38N	42 5E	94.3	186.4	3.439	-27.30	66.4	S0312	.03090	7.6439	1.2	A
9066	27661.44	2 22N	42 20E	87.2	186.4	3.439	-11.20	66.2	S0312	.03090	8.2541	1.0	F
9067	27699.24	0 2US	42 33E	93.0	186.4	3.211	15.40	65.3	S0312	.03090	7.7758	1.0	F
9068	27702.64	0 2US	42 34E	92.5	186.4	3.211	16.10	65.3	S0312	.03090	7.8748	1.0	V
9069	27713.44	0 47S	41 51E	88.9	186.4	3.439	-7.70	64.5	S0312	.03090	8.0747	1.0	A
9070	27719.24	1 11S	41 51E	89.0	186.4	3.439	-4.90	64.3	S0312	.04090	8.0644	0.6	A
9071	27839.24	9 49S	39 46E	102.0	186.5	3.439	-25.20	57.9	S0312	.02200	7.0090	0.8	F
9072	27848.24	10 14S	40 12E	94.1	186.5	3.439	-7.35	58.0	S0312	.04090	7.7016	0.6	V
9073	27851.84	10 15S	40 12E	95.4	186.5	3.439	-7.00	58.0	S0312	.03090	7.4872	0.6	A
9074	27859.84	11 19S	40 22E	96.5	186.6	3.211	4.55	57.4	S0312	.03090	7.4460	1.2	F
9075	27867.24	11 34S	40 12E	95.1	186.6	3.439	1.05	57.2	S0312	.03090	7.6192	1.0	V
9076	27874.44	11 47S	39 50E	96.9	186.6	3.439	-10.50	56.8	S0312	.03090	7.3800	1.0	A
42 5001	32322.44	48 7N	29 9E	82.9	189.6	2.033	-26.95	51.2	S0315	.02260	8.8303	0.6	V
5002	32325.44	48 7N	29 9E	83.7	189.6	2.033	-26.60	51.2	S0315	.02260	8.6901	0.6	A
5003	33198.84	12 22S	16 57E	107.6	186.6	3.211	-30.10	55.8	S0315	.01330	8.6371	1.0	F
5004	33218.84	13 26S	16 45E	106.7	186.6	3.439	-29.40	55.0	S0315	.01330	8.7855	1.0	V
5005	33267.04	17 1S	15 42E	123.2	186.7	3.090	-38.50	51.9	S0315	.01330	8.7879	0.8	F
5006	33283.04	17 21S	15 57E	109.7	186.8	3.439	-28.00	51.5	S0315	.01710	8.5876	1.0	V
5007	33287.04	17 21S	15 57E	111.0	186.8	3.439	-27.65	51.5	S0315	.01330	8.4475	1.0	A

Handle via BYEMAN Channels BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
42 5008	33336.44	21 49S	15 54E	103.7	186.9	3.439	-7.35	48.6	SO315	.01710	6.8927	1.0	F
9001	32027.64	67 51N	40 33E	80.2	197.3	1.332	6.30	33.7	SO312	.05410	9.1199	0.8	V
9002	32030.64	67 50N	40 32E	81.0	197.1	1.332	6.30	33.7	SO312	.05410	8.9220	0.8	A
9003	32121.44	61 47N	34 27E	85.7	193.6	1.475	-26.25	39.2	SO312	.03090	8.5180	0.6	V
9004	32124.64	61 47N	34 29E	86.2	193.5	1.475	-25.55	39.2	SO312	.02200	8.4025	0.6	A
9005	32166.24	58 50N	33 31E	79.5	192.4	1.810	-13.65	42.2	SO312	.04090	9.0705	0.6	F
9006	32169.04	58 50N	33 31E	78.4	192.3	1.810	-13.30	42.2	SO312	.04090	9.3261	0.6	V
9007	32173.64	58 49N	33 2E	81.5	192.2	1.810	-19.25	42.6	SO312	.04090	8.8478	1.0	F
9008	32177.24	57 58N	33 3E	80.0	192.1	1.810	-18.20	42.7	SO312	.04090	9.1447	0.4	V
9009	32180.24	57 58N	33 3E	80.7	192.1	1.810	-17.85	42.7	SO312	.04090	8.9715	0.4	A
9010	32185.44	57 56N	32 35E	82.3	191.9	1.687	-23.10	43.1	SO312	.04090	8.8890	0.6	V
9011	32186.64	57 51N	32 33E	82.4	191.9	1.687	-23.10	43.2	SO312	.04090	8.8908	0.4	V
9012	32189.64	57 51N	32 33E	83.1	191.9	1.687	-22.75	43.2	SO312	.04090	8.7324	0.4	A
9013	32196.64	56 49N	32 20E	81.3	191.7	1.810	-21.70	43.8	SO312	.04090	8.9880	0.8	V
9014	32199.64	56 49N	32 20E	82.0	191.6	1.810	-21.35	43.8	SO312	.04090	8.8313	0.8	A
9015	32210.04	55 51N	32 55E	77.1	191.4	2.033	0.35	44.7	SO312	.04090	9.3920	0.4	A
9016	32217.24	55 48N	33 15E	79.9	191.3	2.033	15.75	45.5	SO312	.04090	9.1612	0.4	V
9017	32220.24	55 48N	33 15E	81.0	191.2	2.033	16.10	45.5	SO312	.04090	8.9303	0.4	A
9018	32229.64	54 20N	32 22E	76.1	191.1	2.170	1.75	46.1	SO312	.04090	9.6229	0.6	V
9019	32232.44	54 19N	32 22E	77.0	191.0	2.170	2.10	46.1	SO312	.04090	9.4003	0.6	A
9020	32241.84	53 50N	30 57E	85.4	190.8	1.810	-27.65	46.3	SO312	.04090	8.5097	0.6	A
9021	32246.44	53 50N	31 1E	82.7	190.8	2.033	-23.80	46.6	SO312	.04090	8.7736	0.4	A
9022	32250.64	52 48N	30 45E	83.3	190.7	1.810	-24.50	47.2	SO312	.04090	8.6499	0.4	F
9023	32255.84	52 25N	30 59E	79.1	190.6	2.033	-16.10	47.6	SO312	.04090	9.1282	0.6	F
9024	32258.64	52 26N	30 59E	78.0	190.5	2.033	-15.75	47.6	SO312	.04090	9.3920	0.6	V
9025	32267.44	51 34N	31 20E	76.6	190.4	2.170	1.40	48.5	SO312	.04090	9.4498	0.6	F
9026	32270.24	51 34N	31 20E	75.7	190.4	2.170	1.75	48.5	SO312	.04090	9.6807	0.6	V
9027	32277.04	50 57N	30 47E	76.8	190.3	2.170	-7.70	49.0	SO312	.04090	9.4168	0.8	F
9028	32282.44	50 58N	30 46E	76.6	190.2	2.170	-7.35	48.9	SO312	.04090	9.4580	0.8	A
9029	32287.04	50 29N	30 24E	76.9	190.1	2.170	-13.65	49.3	SO312	.04090	9.5157	0.6	V
9030	32289.84	50 29N	30 24E	77.7	190.1	2.170	-13.30	49.3	SO312	.04090	9.3261	0.4	A
9031	32294.04	49 49N	30 2E	79.2	190.0	2.170	-17.85	49.8	SO312	.04090	9.1034	0.8	F
9032	32299.64	49 50N	30 3E	78.9	189.9	2.170	-17.15	49.8	SO312	.04090	9.1941	1.0	A
9033	32309.24	48 48N	30 3E	76.4	189.8	2.385	-8.05	50.8	SO312	.04090	9.4580	0.6	F
9034	32312.04	48 48N	30 3E	75.4	189.8	2.385	-7.70	50.8	SO312	.04090	9.7196	0.4	V
9035	32336.24	46 54N	29 36E	76.0	189.5	2.385	-4.55	52.4	SO312	.04090	9.5157	0.8	F
9036	32341.64	46 54N	29 36E	75.9	189.4	2.511	-3.85	52.4	SO312	.04090	9.5405	1.0	A
9037	32559.44	31 29N	26 23E	82.2	187.6	2.872	18.90	64.3	SO312	.03090	8.8478	0.4	F
9038	32565.84	31 30N	25 53E	76.5	187.5	3.090	1.75	64.0	SO312	.02200	9.4498	0.8	A
9039	32569.84	31 30N	25 54E	76.9	187.5	2.872	4.90	64.2	SO312	.03090	9.4003	0.6	A
9040	32572.24	31 30N	25 52E	76.9	187.5	2.872	4.90	64.3	SO312	.02200	9.4003	1.0	A
9041	32588.04	29 55N	25 36E	77.2	187.4	3.090	5.25	65.2	SO312	.02200	9.3920	0.6	F
9042	32592.64	29 16N	25 33E	77.5	187.4	3.090	5.95	65.4	SO312	.03090	9.3508	1.4	F
9043	32598.84	29 13N	25 32E	77.7	187.4	2.872	6.65	65.5	SO312	.03090	9.3013	0.8	A
9044	32803.84	15 10N	22 13E	82.7	186.7	3.439	-17.85	69.4	SO312	.03090	8.7406	1.0	A
9045	33087.64	4 45S	17 52E	118.7	186.5	2.872	-42.35	61.0	SO312	.02200	6.0029	1.0	F
9046	33097.44	5 0S	18 47E	92.5	186.5	3.574	-12.95	61.7	SO312	.03090	7.7511	1.0	A
9047	33141.64	8 21S	18 56E	95.8	186.5	3.090	13.30	59.8	SO312	.03090	7.5697	1.0	V
9048	33152.04	8 40S	18 0E	96.7	186.5	3.574	-17.50	58.9	SO312	.03090	7.4213	1.2	A
9049	33165.84	10 4S	19 17E	114.0	186.5	2.385	32.55	59.0	SO312	.02200	6.3493	1.0	V
9050	33185.44	11 27S	16 43E	119.6	186.6	3.090	-39.90	56.3	SO312	.02200	5.9617	0.8	F
9051	33191.44	11 42S	17 16E	103.4	186.6	3.439	-25.55	56.7	SO312	.03090	6.9430	1.2	A
9052	33203.04	12 24S	16 58E	105.5	186.6	3.439	-29.05	55.9	SO312	.03090	6.8688	0.6	V
9053	33207.04	12 40S	16 58E	106.4	186.6	3.439	-28.35	55.9	SO312	.02200	6.7451	0.6	A
9054	33212.84	12 50S	17 3E	103.1	186.6	3.574	-23.80	55.6	SO312	.03090	6.9430	0.8	A
9055	33227.04	13 32S	17 18E	97.7	186.6	3.574	-9.45	55.1	SO312	.03090	7.3058	1.0	A
9056	33237.04	14 36S	17 44E	100.3	186.7	3.090	9.80	54.9	SO312	.03090	7.0832	1.6	A
9057	33249.44	15 41S	17 27E	98.9	186.7	3.211	6.65	54.0	SO312	.03090	7.3141	0.6	V
9058	33259.24	16 17S	16 42E	100.0	186.7	3.439	-14.70	53.1	SO312	.03090	7.2316	0.8	V
9059	33274.24	17 04S	15 55E	113.4	186.7	3.211	-30.80	51.7	SO312	.02200	6.2751	0.6	F
9060	33278.44	17 04S	15 55E	112.1	186.8	3.439	-30.80	51.7	SO312	.02200	6.4482	0.8	V
9061	33318.44	20 24S	16 40E	103.4	186.9	3.090	-8.75	50.1	SO312	.03090	6.9760	1.0	V
9062	33330.44	21 26S	15 56E	103.6	186.9	3.439	-8.75	48.9	SO312	.03090	6.8935	0.8	F
9063	33343.84	22 0S	16 0E	102.7	186.9	3.211	-2.10	48.4	SO312	.03090	7.0172	0.6	V
9064	33347.64	22 0S	16 1E	104.3	187.0	3.211	-1.40	48.4	SO312	.03090	6.8111	0.8	A
9065	33358.64	22 27S	14 39E	122.0	187.0	3.211	-33.95	47.0	SO312	.02200	5.8957	0.6	V
9066	33368.84	23 29S	15 27E	106.5	187.0	3.439	-10.15	47.1	SO312	.03090	6.6709	0.8	A
9067	33406.24	26 05S	15 10E	108.4	187.2	3.090	-1.05	44.5	SO312	.03090	6.5802	1.0	F
9068	33410.64	26 07S	15 7E	107.4	187.2	3.090	-2.10	44.5	SO312	.03090	6.6956	1.0	V
9069	33415.04	26 09S	15 15E	109.4	187.2	3.090	2.45	44.5	SO312	.03090	6.4647	0.8	A
9070	33426.84	27 08S	15 44E	118.2	187.3	2.385	21.00	43.8	SO312	.03090	6.0689	1.0	V
9071	33434.44	28 1S	15 48E	123.2	187.3	2.170	24.15	43.7	SO312	.03090	5.7226	1.0	A
43 5001	37804.84	36 47N	5 6E	77.0	188.1	2.872	7.70	60.5	SO315	.02260	9.4239	0.6	F
5002	37810.44	36 47N	5 6E	77.4	188.0	2.733	8.75	60.6	SO315	.02260	9.3580	0.6	A
9001	37132.44	80 49N	47 34E	86.0	225.7	0.417	3.15	20.1	SO312	.04090	8.3613	1.0	F
9002	37138.64	80 49N	47 33E	85.8	223.9	0.417	3.15	20.1	SO312	.04090	8.4025	1.0	A
9003	37595.64	51 12N	8 7E	81.8	190.3	2.033	-23.10	48.6	SO312	.02200	8.8148	0.6	F
9004	37598.44	51 12N	8 6E	80.8	190.3	2.033	-23.10	48.6	SO312	.02200	9.0622	0.8	V
9005	37605.84	50 57N	8 45E	75.4	190.1	2.170	-0.35	49.3	SO312	.04090	9.7219	0.6	V
9006	37608.64	50 57N	8 44E	76.2	190.1	2.385	-0.35	49.3	SO312	.04090	9.4992	0.4	A
9007	37615.44	50 56N	8 42E	76.5	190.0	2.385	3.15	49.8	SO312	.04090	9.4580	0.6	A
9008	37624.64	49 56N	8 26E	76.7	189.9	2.385	4.55	50.6	SO312	.04090	9.4415	0.8	F
9009	37630.04	49 56N	8 26E	76.7	189.8	2.385	5.25	50.6	SO312	.04090	9.4333	1.0	A
9010	37701.04	44 1N	5 35E	88.8	189.0	2.033	-33.60	54.5	SO312	.02200	8.1139	1.0	F

Handle via
BYEMAN Channels
BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
43 9011	37704.24	44 1N	5 35E	87.4	188.9	2.033	-33.25	54.5	S0312	.0220U	8.3778	1.0	V
9012	37716.44	43 3N	6 28E	74.9	188.8	2.511	0.70	55.6	S0312	.0220U	9.7879	0.6	V
9013	37719.24	43 0N	6 28E	75.8	188.8	2.511	1.05	55.7	S0312	.0220U	9.5570	0.4	A
9014	37904.64	36 47N	5 6E	77.1	188.1	2.872	7.70	60.5	S0312	.0409U	9.4250	1.0	F
9015	37810.24	36 47N	5 6E	77.3	188.0	2.733	8.75	60.5	S0312	.0409U	9.3591	1.0	A
9016	37817.84	36 5N	4 47E	74.6	188.0	2.872	2.45	61.0	S0312	.0309U	9.8291	0.6	V
9017	37820.64	36 5N	4 46E	75.5	187.9	2.872	2.80	61.0	S0312	.0309U	9.5417	0.6	A
9018	37829.04	35 42N	4 14E	75.6	187.9	2.872	-11.55	61.3	S0312	.0309U	9.6807	1.0	V
9019	37830.84	35 14N	4 12E	75.6	187.9	2.872	-11.55	61.4	S0312	.0309U	9.6972	0.6	V
9020	37833.64	35 14N	4 12E	76.4	187.9	2.872	-11.20	61.4	S0312	.0309U	9.4828	0.6	A
9021	37838.24	34 44N	4 6E	75.3	187.8	2.872	-10.85	61.7	S0312	.0309U	9.7301	1.0	V
9022	37843.24	34 23N	4 2E	75.4	187.8	2.872	-10.50	62.0	S0312	.0309U	9.7156	1.2	V
9023	37852.24	33 52N	4 14E	76.2	187.7	2.872	3.85	62.8	S0312	.0309U	9.5157	1.0	F
9024	37861.64	32 56N	3 18E	82.3	187.7	2.733	-25.55	62.7	S0312	.0309U	8.7736	0.8	F
9025	37874.04	32 26N	3 49E	75.9	187.6	2.872	-2.10	63.4	S0312	.0220U	9.5322	1.2	A
9026	37898.84	30 36N	2 52E	80.2	187.5	2.872	-22.75	64.2	S0312	.0220U	9.1199	0.6	V
9027	37911.84	29 26N	3 1E	76.8	187.4	3.090	-9.80	65.1	S0312	.0309U	9.4168	1.0	F
9028	37920.24	29 0N	2 42E	78.2	187.4	2.872	-17.85	65.1	S0312	.0309U	9.3591	1.0	V
9029	37926.04	28 51N	2 31E	80.5	187.3	2.872	-21.00	65.4	S0312	.0309U	8.9633	1.0	F
9030	37933.24	28 23N	2 41E	77.7	187.3	3.090	-13.30	65.6	S0312	.0309U	9.3178	1.2	A
9031	37949.24	27 17N	2 31E	77.5	187.2	3.090	-10.50	66.2	S0312	.0309U	9.3343	1.0	A
9032	38018.84	22 20N	1 6E	85.0	187.0	3.090	-27.65	66.0	S0312	.0309U	8.6087	1.0	V
9033	38032.04	21 26N	0 57E	85.0	186.9	3.090	-27.30	66.2	S0312	.0309U	8.6087	1.4	V
9034	38045.44	20 16N	0 60E	81.3	186.9	3.211	-18.20	68.8	S0312	.0309U	8.8726	0.8	F
9035	38048.44	20 16N	0 59E	80.2	186.9	3.211	-17.85	68.8	S0312	.0309U	9.1117	0.6	V
9036	38076.44	18 47N	1 25E	82.6	186.8	3.090	13.65	69.9	S0312	.0309U	8.7076	0.8	A
9037	38103.64	16 46N	0 0E	87.8	186.7	3.090	-27.30	69.2	S0312	.0309U	8.1964	0.8	F
9038	38116.64	15 44N	0 30E	90.2	186.7	3.439	-3.85	69.8	S0312	.0168U	8.9962	0.8	A
9039	38135.64	14 29N	0 13W	85.7	186.6	3.439	-22.75	69.3	S0312	.0309U	8.4355	1.0	A
45 5001	49216.23	16 12S	48 57W	102.4	186.7	3.090	12.25	53.6	S0315	.0171U	7.0164	0.8	F
5002	49219.83	16 12S	48 57W	101.7	186.7	2.872	12.95	53.6	S0315	.0171U	7.1071	1.0	V
9001	47074.03	48 10N	135 2E	113.9	350.4	-2.387	-15.05	-25.0	S0312	.2977U	6.3080	0.6	V
9002	49159.03	12 1S	48 32W	95.5	186.6	3.211	2.10	56.8	S0312	.0309U	7.5862	1.0	V
9003	49172.43	13 10S	48 44W	97.1	186.6	3.439	1.40	55.9	S0312	.0309U	7.3883	0.8	F
9004	49177.03	13 29S	48 45W	97.6	186.6	3.439	3.15	55.6	S0312	.0309U	7.3470	1.0	F
9005	49182.23	13 46S	48 45W	96.9	186.6	3.211	4.55	55.6	S0312	.0309U	7.4707	1.0	V
9006	49189.43	14 2S	48 50W	98.5	186.6	3.211	5.25	55.0	S0312	.0309U	7.2493	1.0	F
9007	49195.83	14 16S	49 8W	98.1	186.6	3.439	-4.55	54.9	S0312	.0309U	7.2728	1.0	A
9008	49196.43	14 20S	49 10W	98.0	186.7	3.439	-4.55	54.7	S0312	.0309U	7.2811	1.0	A
9009	49204.63	14 50S	49 23W	99.0	186.7	3.574	-9.45	54.3	S0312	.0309U	7.2069	0.8	A
9010	49226.03	15 46S	49 13W	99.8	186.7	3.090	6.65	54.2	S0312	.0309U	7.2598	1.0	V
9011	49233.63	17 9S	49 6W	103.1	186.7	2.872	13.65	52.9	S0312	.0309U	7.0090	1.2	V
9012	49240.83	17 42S	48 36W	117.9	186.8	2.511	29.75	52.7	S0312	.0220U	6.1266	1.0	V
9013	49248.03	18 24S	49 12W	107.1	186.8	2.733	16.80	51.9	S0312	.0309U	6.6956	1.2	F
9014	49259.23	18 46S	50 8W	101.1	186.8	3.439	-10.15	51.0	S0312	.0309U	7.1491	1.0	V
9015	49266.03	18 57S	50 33W	107.5	186.8	3.574	-21.70	50.7	S0312	.0309U	6.6296	1.0	A
9016	49274.63	19 51S	50 21W	102.1	186.8	3.439	-10.85	50.1	S0312	.0309U	7.0667	1.0	V
9017	49286.63	20 47S	49 24W	115.6	186.9	2.511	23.45	50.0	S0312	.0220U	6.3493	0.8	V
9018	49292.83	21 10S	49 56W	105.1	186.9	2.733	10.50	49.4	S0312	.0309U	6.8605	1.0	V
9019	49299.23	21 36S	49 44W	110.3	186.9	2.733	18.55	49.2	S0312	.0309U	6.5307	1.0	V
9020	49307.63	21 51S	50 31W	104.3	186.9	3.211	-3.15	48.5	S0312	.0309U	6.8026	1.0	A
9021	49311.43	22 22S	50 39W	103.4	187.0	3.211	-4.90	48.1	S0312	.0309U	6.9760	1.0	V
9022	49318.23	22 56S	50 26W	105.7	187.0	3.090	3.50	48.0	S0312	.0309U	6.7121	1.4	A
9023	49325.63	23 16S	51 7W	105.8	187.0	3.439	-13.65	47.1	S0312	.0309U	6.8111	1.0	V
9024	49333.03	23 25S	51 54W	121.7	187.0	3.439	-32.55	46.6	S0312	.0220U	5.8545	0.8	A
9025	49398.43	28 12S	52 19W	112.3	187.3	3.211	-18.20	42.7	S0312	.0309U	6.3388	1.2	V
9026	49403.23	28 14S	52 31W	116.9	187.3	3.439	-22.75	42.6	S0312	.0309U	6.0772	1.0	A
46 9001	54128.03	11 50N	66 11W	86.7	186.6	3.090	16.45	70.1	S0312	.0309U	8.3581	1.0	F
9002	54148.03	10 32N	66 53W	82.2	186.5	3.439	-2.10	69.4	S0312	.0309U	8.7818	0.6	F
9003	54151.03	10 31N	66 52W	81.0	186.5	3.439	-1.40	69.4	S0312	.0309U	9.0127	1.4	V
9004	54154.83	10 28N	66 53W	82.1	186.5	3.439	-0.70	69.4	S0312	.0309U	8.7654	0.6	A
9005	54161.23	8 49N	67 42W	87.7	186.5	3.574	-21.35	68.5	S0312	.0309U	8.2211	1.2	A
9006	54192.23	7 54N	67 26W	83.8	186.5	3.439	-5.25	68.6	S0312	.0309U	8.5922	0.8	A
9007	54197.23	7 40N	67 21W	83.3	186.5	3.439	2.10	68.6	S0312	.0309U	8.7489	0.6	V
9008	54204.83	6 53N	67 10W	88.1	186.5	3.211	14.00	68.6	S0312	.0309U	8.2149	0.8	F
9009	54209.83	6 15N	67 27W	85.3	186.5	3.439	5.25	68.3	S0312	.0309U	8.4685	0.8	F
9010	54213.43	6 15N	67 29W	84.2	186.5	3.439	4.20	68.2	S0312	.0309U	8.6479	1.0	V
9011	54224.03	5 42N	67 39W	85.2	186.5	3.439	1.75	68.0	S0312	.0409U	8.4273	0.8	A
9012	54525.03	15 10S	72 21W	110.8	186.7	3.211	-31.55	53.4	S0312	.0168U	6.4317	0.8	F
9013	54530.83	15 43S	72 6W	103.4	186.7	3.439	-23.10	53.3	S0312	.0220U	6.9100	1.2	F
9014	54539.63	16 23S	71 31W	98.5	186.7	3.211	0.70	53.2	S0312	.0168U	7.2728	0.8	F
9015	54546.23	16 48S	71 53W	99.9	186.7	3.439	-9.45	52.7	S0312	.0309U	7.1574	0.8	F
9016	54549.43	16 48S	71 53W	98.8	186.7	3.439	-9.10	52.7	S0312	.0220U	7.3141	1.0	V
9017	54553.03	16 48S	71 53W	100.1	186.7	3.439	-8.40	52.7	S0312	.0220U	7.1244	1.0	A
9018	54556.83	17 1S	71 59W	101.3	186.7	3.439	-10.15	52.5	S0312	.0309U	7.0357	1.0	A
47 5001	59416.83	14 24N	87 37W	93.1	186.6	2.511	27.30	70.6	S0315	.0171U	7.7255	0.8	A
9001	59352.83	18 52N	88 18W	88.1	186.5	3.090	-26.70	68.9	S0312	.0309U	8.1716	0.8	F
9002	59359.03	18 52N	88 19W	88.0	186.8	3.211	-28.35	68.9	S0312	.0309U	8.2211	0.8	A
9003	59366.83	17 52N	88 11W	82.3	186.8	3.211	-17.85	69.3	S0312	.0309U	8.7571	1.0	F
9004	59372.83	17 52N	88 11W	82.1	186.7	3.439	-17.15	69.3	S0312	.0309U	8.8086	0.8	A

Handle via
BYEMAN Channels
BYE-8915/84

Approved for Release: 2021/01/22 C05132886

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
47 9005	59392.63	15 46N	88 36W	84.5	186.7	3.211	-21.35	69.4	SO312	.03090	8.5180	1.4	F
9006	59399.23	15 44N	88 37W	84.5	186.7	3.439	-21.00	69.4	SO312	.04090	8.5592	1.6	A
9007	59408.23	14 50N	88 8W	80.3	186.7	3.211	4.20	70.0	SO312	.04090	9.0952	0.6	V
9008	59424.03	13 31N	88 12W	83.6	186.6	3.090	11.20	70.1	SO312	.03090	8.6582	0.6	F
9009	59430.03	13 31N	88 11W	84.2	186.6	3.090	12.25	70.1	SO312	.03090	8.5345	0.6	A
48 9001	64480.82	31 46N	106 27W	83.8	187.6	2.733	23.10	64.3	SO312	.03090	8.7406	0.8	V
9002	64484.02	31 45N	106 27W	85.1	187.6	2.511	23.80	64.3	SO312	.03090	8.4767	0.6	A
9003	64502.02	30 26N	107 52W	77.6	187.5	2.872	-18.20	64.5	SO312	.03090	9.4415	1.0	V
9004	64509.82	29 43N	108 14W	82.6	187.4	2.733	-26.60	64.7	SO312	.03090	8.7406	0.8	F
9005	64515.42	29 30N	108 1W	76.9	187.4	3.090	-17.15	65.0	SO312	.03090	9.5322	1.0	V
9006	64519.42	29 14N	108 9W	78.0	187.4	2.872	-19.60	65.1	SO312	.03090	9.3838	0.8	V
9007	64543.02	27 31N	107 35W	79.0	187.3	2.872	15.75	66.7	SO312	.03090	9.2766	1.0	V
9008	64554.82	26 47N	108 32W	78.0	187.2	3.090	-15.40	66.5	SO312	.03090	9.3920	1.0	V
9009	64561.42	26 32N	108 34W	78.8	187.2	3.211	-14.70	66.6	SO312	.03090	9.1941	0.6	A
9010	64562.82	26 26N	108 35W	78.8	187.2	3.211	-14.70	66.7	SO312	.03090	9.1859	1.0	A
9011	64572.62	25 29N	108 4W	79.5	187.1	2.872	13.30	67.6	SO312	.03090	9.2106	0.4	V
9012	64575.62	25 29N	108 4W	80.7	187.1	2.872	13.65	67.6	SO312	.03090	8.9468	0.4	A
9013	64607.62	23 12N	109 41W	87.8	187.0	2.872	-31.15	67.6	SO312	.03090	8.3201	0.8	V
9014	64612.62	23 4N	109 42W	88.2	187.0	3.090	-30.45	67.7	SO312	.03090	8.2211	1.0	A
49 5001	68658.02	68 13N	33 53E	99.6	342.4	-0.982	16.45	-5.1	SO315	.29710	7.2802	0.8	V
5002	70586.22	22 10S	138 44W	107.0	186.9	2.872	11.55	48.5	SO315	.01710	6.7443	0.8	V
5003	70590.22	22 10S	138 44W	108.8	187.0	2.872	11.90	48.5	SO315	.01710	6.5299	0.8	A
9001	70576.42	21 45S	139 53W	105.0	186.9	3.211	4.20	48.7	SO312	.03090	6.8111	1.0	F
9002	70580.22	21 45S	138 53W	104.1	186.9	3.211	4.55	48.7	SO312	.03090	6.9265	1.0	V
9003	70586.42	22 12S	138 44W	107.0	186.9	2.872	11.55	48.5	SO312	.03090	6.7451	1.0	V
9004	70590.42	22 12S	138 44W	108.7	187.0	2.872	11.90	48.5	SO312	.03090	6.5607	0.8	A
50 9001	75551.02	2 0N	157 27W	89.4	186.4	3.439	-18.90	65.8	SO312	.03090	8.1469	0.8	V
9002	75554.22	2 0N	157 26W	90.3	186.4	3.439	-18.20	65.8	SO312	.03090	7.9737	1.0	A
52 5001	85202.41	68 53N	179 22W	83.6	198.3	1.332	16.45	32.9	SO315	.02260	8.6489	0.6	F
5002	85208.41	68 53N	179 21W	83.8	198.0	1.113	17.15	32.9	SO315	.02260	8.6489	0.6	A
5003	85267.01	64 46N	177 46E	88.9	195.3	1.475	27.65	36.9	SO315	.02260	8.2449	0.6	V
5004	85270.21	64 46N	177 47E	90.3	195.2	1.475	28.00	36.9	SO315	.02260	8.0305	0.6	A
9001	85173.81	71 3N	178 4W	79.3	200.1	1.113	1.75	30.8	SO312	.03090	9.2189	0.4	V
9002	85180.01	70 59N	179 32W	82.5	199.7	0.986	-16.10	30.8	SO312	.03090	8.7654	1.2	A
9003	85202.21	68 54N	179 21W	83.7	198.3	1.332	16.45	32.9	SO312	.03090	8.6499	0.6	F
9004	85205.21	68 54N	179 23W	82.5	198.2	1.332	16.10	32.9	SO312	.03090	8.8726	0.6	V
53 5001	4259.01	59 56N	150 45E	76.4	192.9	1.810	-6.30	41.2	SO315	.02260	9.5988	0.6	V
5002	4261.81	59 56N	150 45E	77.2	192.8	1.810	-5.95	41.2	SO315	.02260	9.3992	0.6	A
9001	4215.81	63 4N	152 13E	78.5	194.1	1.475	-11.20	38.3	SO312	.03090	9.2189	0.6	A
9002	4255.61	59 58N	150 50E	76.8	193.0	1.810	-5.25	41.2	SO312	.04090	9.4085	0.4	F
9003	5312.61	12 15S	133 21E	103.0	186.6	3.439	-24.85	55.9	SO312	.03090	7.0337	0.8	V
9004	5316.41	12 15S	133 20E	104.2	186.6	3.439	-24.50	55.9	SO312	.03090	6.8770	0.8	A
54 5001	9719.40	50 29N	124 13E	79.0	190.0	2.170	-19.25	49.6	SO315	.02260	9.2096	0.4	A
5002	9754.80	47 58N	122 59E	85.0	189.6	2.033	-29.40	51.8	SO315	.02260	8.4840	0.8	F
5003	9758.00	47 57N	122 58E	84.1	189.5	2.033	-29.40	51.8	SO315	.02260	8.7066	0.6	V
5004	9760.00	47 29N	122 55E	84.1	189.5	2.033	-29.40	51.9	SO315	.02260	8.6984	0.4	V
5005	9763.00	47 29N	122 55E	84.9	189.5	2.033	-29.05	51.9	SO315	.02260	8.5664	0.6	A
5006	9838.20	41 54N	123 27E	90.2	188.7	2.170	31.85	57.2	SO315	.01710	8.1377	0.8	V
5007	9841.40	41 54N	123 27E	91.7	188.6	2.170	32.20	57.2	SO315	.01710	7.8904	0.8	A
5008	9847.20	41 0N	122 51E	82.7	188.6	2.385	21.70	57.6	SO315	.01710	8.7891	0.6	F
5009	9850.00	41 0N	122 52E	82.0	188.5	2.385	22.05	57.6	SO315	.01710	8.9457	0.6	V
5010	9899.20	37 56N	121 24E	75.8	188.1	2.872	2.80	60.1	SO315	.02260	9.5641	0.6	F
5011	9902.00	37 56N	121 23E	75.0	188.1	2.872	3.15	60.1	SO315	.02260	9.7702	0.4	V
5012	9915.20	36 59N	120 41E	77.7	188.0	2.733	-16.10	60.3	SO315	.02260	9.3332	0.4	A
5013	9997.60	30 44N	120 42E	92.8	187.5	2.511	31.85	65.3	SO315	.01710	7.8491	0.8	F
5014	10000.80	30 45N	120 42E	92.2	187.5	2.511	32.20	65.3	SO315	.01710	7.9563	1.0	V
5015	10006.80	30 22N	120 15E	82.8	187.5	2.733	21.35	65.3	SO315	.01710	8.8385	1.0	V
5016	10010.00	30 22N	120 15E	84.2	187.4	2.733	21.70	65.3	SO315	.01710	8.5829	0.8	A
9001	9749.40	48 14N	122 55E	88.5	189.6	2.033	-34.30	51.2	SO312	.03090	8.2706	1.0	V
9002	9831.60	42 9N	123 21E	86.8	188.7	2.511	26.95	56.9	SO312	.03090	8.3778	0.4	F
9003	9850.00	41 0N	122 51E	82.0	188.5	2.385	22.05	57.6	SO312	.03090	8.9468	0.6	V
9004	9853.00	41 0N	122 51E	83.2	188.5	2.385	22.40	57.7	SO312	.02200	8.6829	0.6	A
9005	9869.40	39 42N	121 46E	75.4	188.4	2.733	-1.75	58.5	SO312	.03090	9.6064	0.8	F
9006	9874.80	39 42N	121 47E	75.4	188.3	2.733	-0.70	58.5	SO312	.03090	9.5982	0.8	A
9007	9908.20	37 4N	120 48E	76.9	188.1	2.733	-13.30	60.3	SO312	.03090	9.4085	0.6	F
9008	9911.00	37 4N	120 48E	75.9	188.1	2.733	-12.95	60.3	SO312	.03090	9.6559	0.6	V
9009	9914.80	37 0N	120 41E	77.7	188.0	2.733	-16.10	60.3	SO312	.03090	9.3343	0.6	A
9010	9921.00	36 11N	120 42E	76.2	188.0	2.872	-9.80	61.0	SO312	.04090	9.4910	0.6	F
9011	9923.80	36 10N	120 42E	75.2	188.0	2.872	-9.45	61.0	SO312	.04090	9.7384	0.4	V
9012	9926.60	36 10N	120 42E	76.0	187.9	2.872	-8.75	61.0	SO312	.04090	9.5322	0.4	A
9013	10069.00	26 5N	119 24E	84.4	187.2	2.733	23.10	67.6	SO312	.03090	8.6664	0.4	V
9014	10072.00	26 5N	119 24E	85.8	187.2	2.733	23.45	67.6	SO312	.03090	8.3943	0.6	A

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BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
54 9015	102A9.60	10 4oN	115 48E	82.6	186.6	3.439	-5.95	69.4	SO312	.03090	8.7406	1.0	F
9016	10295.60	10 4oN	115 44E	82.7	186.5	3.439	-4.90	69.4	SO312	.03090	8.7076	1.0	A
9017	10553.80	7 11S	112 45E	92.0	186.3	3.439	-3.15	60.2	SO312	.04090	7.8830	0.6	V
9018	10557.20	7 11S	112 45E	93.3	186.5	3.439	-2.45	60.2	SO312	.03090	7.6604	0.6	A
55 9001	14925.40	57 17N	106 33E	84.9	192.0	2.033	24.15	43.9	SO315	.03150	8.5500	0.8	F
9002	14928.40	57 17N	106 33E	84.0	192.0	1.810	24.50	43.9	SO315	.03150	8.7596	0.8	V
9003	14939.80	56 46N	104 27E	78.4	191.7	1.810	-17.85	44.1	SO315	.01710	9.6497	0.4	V
9004	14946.20	56 31N	104 7E	81.9	191.6	1.810	-23.10	44.2	SO315	.01710	8.8798	0.6	A
9005	14992.00	52 56N	103 28E	75.9	190.7	2.170	-5.60	47.5	SO315	.02260	9.5394	0.6	F
9006	14997.60	52 55N	103 28E	75.9	190.6	2.170	-4.90	47.5	SO315	.02260	9.5723	0.4	A
9007	15159.20	41 30N	100 6E	74.7	188.6	2.733	-1.40	57.1	SO315	.02260	9.7043	0.4	F
9008	15164.60	41 30N	100 5E	74.9	188.5	2.733	-0.70	57.1	SO315	.02260	9.6960	0.4	A
9009	15233.60	33 2N	96 59E	90.9	187.7	2.385	-37.45	62.6	SO315	.01710	7.9233	0.4	F
9010	15428.00	23 8N	96 39E	85.6	187.0	2.733	22.75	68.9	SO315	.02260	9.5500	0.8	V
9011	15483.20	18 32N	94 59E	79.7	186.8	3.439	-9.45	69.5	SO315	.02260	9.0694	0.4	F
9012	15498.80	18 32N	94 59E	79.9	186.8	3.439	-8.40	69.5	SO315	.02260	9.0611	0.6	A
9013	15521.00	16 48N	94 44E	79.4	186.7	3.439	-5.95	69.8	SO315	.02260	9.2096	0.6	V
9001	14790.60	66 46N	112 25E	86.0	196.3	1.475	23.80	35.3	SO312	.03090	8.5180	0.4	V
9002	14793.80	66 28N	112 26E	87.2	196.2	1.475	24.15	35.3	SO312	.03090	8.2953	0.4	A
9003	14802.00	65 56N	111 34E	82.9	195.9	1.475	17.85	35.8	SO312	.03090	8.7324	0.6	A
9004	15135.40	43 0N	101 20E	83.8	188.8	2.385	24.50	56.2	SO312	.03090	8.6664	0.4	F
9005	15138.40	43 0N	101 20E	83.1	188.8	2.385	24.85	56.2	SO312	.03090	8.8231	0.4	V
9006	15147.60	42 17N	100 17E	75.4	188.7	2.733	-2.10	56.5	SO312	.04090	9.6064	0.6	F
9007	15153.60	41 54N	99 56E	75.7	188.7	2.511	-10.50	56.7	SO312	.04090	9.5570	0.4	F
9008	15161.80	41 30N	100 5E	73.9	188.6	2.733	-1.05	57.1	SO312	.04090	9.9196	0.4	V
9009	15164.40	41 30N	100 5E	74.8	188.6	2.733	-0.70	57.1	SO312	.04090	9.6972	0.6	A
9010	15169.40	40 47N	99 55E	74.8	188.5	2.733	-1.40	57.7	SO312	.04090	9.6889	0.4	F
9011	15172.00	40 46N	99 54E	73.9	188.5	2.733	-1.40	57.7	SO312	.04090	9.9115	0.4	V
9012	15174.60	40 26N	99 48E	74.8	188.5	2.733	-1.75	57.9	SO312	.03090	9.6807	0.8	F
9013	15180.00	40 26N	99 48E	74.9	188.4	2.733	-1.05	57.9	SO312	.03090	9.6724	0.8	A
9014	15187.60	39 56N	98 54E	81.1	188.4	2.511	-25.20	58.3	SO312	.03090	8.8890	0.4	F
9015	15190.20	39 48N	98 52E	80.4	188.3	2.511	-25.55	58.2	SO312	.03090	9.0952	0.6	V
9016	15204.40	38 14N	100 16E	88.7	188.2	2.385	30.80	60.0	SO312	.03090	8.2046	0.4	F
9017	15207.40	38 15N	100 17E	88.2	188.2	2.170	31.50	60.0	SO312	.03090	8.3283	0.6	V
9018	15211.20	38 13N	100 15E	89.4	188.2	2.170	31.50	60.1	SO312	.03090	8.0809	0.4	A
9019	15237.00	36 26N	98 3E	81.2	188.0	2.511	-28.00	60.5	SO312	.03090	9.0375	0.6	V
9020	15288.80	32 52N	97 9E	84.3	187.6	2.511	-31.85	62.9	SO312	.02200	8.6746	1.2	V
9021	15440.80	22 10N	95 9E	86.9	187.0	3.090	-28.35	68.2	SO312	.03090	8.2953	1.2	F
9022	15452.20	21 26N	95 6E	84.6	186.9	3.090	-24.50	68.5	SO312	.02200	8.5262	1.0	F
9023	15457.80	21 13N	94 56E	86.5	186.9	3.090	-28.70	68.4	SO312	.03090	8.4520	1.0	V
9024	15461.80	20 57N	94 56E	88.0	186.9	3.090	-30.45	68.5	SO312	.03090	8.3056	1.2	V
9025	15469.20	20 42N	94 57E	83.7	186.9	3.211	-22.40	68.8	SO312	.03090	8.6087	1.0	F
9026	15488.00	18 51N	95 17E	79.6	186.8	3.211	0.70	69.6	SO312	.03090	9.0952	0.8	F
9027	15517.40	16 50N	94 47E	80.1	186.7	3.439	-4.55	69.8	SO312	.03090	9.0210	0.8	F
9028	15526.40	16 36N	94 57E	81.2	186.7	3.211	4.90	70.0	SO312	.03090	8.8726	0.8	A
56 5001	20231.40	58 21N	82 53E	80.1	192.2	1.687	-20.30	42.6	SO315	.01710	9.1354	0.4	V
5002	20234.20	58 21N	82 53E	80.9	192.2	1.687	-19.95	42.6	SO315	.01710	8.9787	0.6	A
5003	20241.80	54 48N	82 33E	76.4	191.2	2.170	7.70	46.0	SO315	.01710	9.5888	0.6	V
5004	20244.60	54 48N	82 33E	77.4	191.1	2.170	8.05	46.0	SO315	.01710	9.3662	0.6	A
5005	20309.80	52 41N	82 1E	79.5	190.7	2.170	15.05	47.9	SO315	.02260	9.1354	0.4	F
5006	20316.00	52 26N	82 30E	87.6	190.6	2.033	27.65	48.1	SO315	.02260	8.2696	0.4	A
5007	20324.80	51 43N	81 13E	76.1	190.4	2.385	3.50	48.7	SO315	.04150	9.5146	0.6	F
5008	20327.60	51 43N	81 13E	75.3	190.4	2.170	3.85	48.7	SO315	.03150	9.7372	0.6	V
5009	20342.00	50 36N	80 16E	76.8	190.2	2.170	-12.25	49.5	SO315	.02260	9.4157	0.4	F
5010	20360.80	49 26N	80 59E	80.6	189.9	2.170	19.95	50.8	SO315	.02260	9.1024	0.6	V
5011	20363.80	49 23N	80 59E	81.7	189.9	2.170	20.30	50.8	SO315	.02260	8.8715	0.6	A
5012	20367.60	48 56N	80 46E	79.4	189.8	2.170	18.20	51.2	SO315	.02260	9.2343	0.4	V
5013	20370.40	48 56N	80 46E	80.6	189.8	2.170	18.55	51.2	SO315	.02260	9.0054	0.4	A
5014	20629.00	30 57N	74 36E	87.6	187.5	2.511	-31.50	64.0	SO315	.01710	8.2119	0.8	F
5015	20632.20	30 57N	74 36E	86.5	187.5	2.733	-31.50	64.0	SO315	.01710	8.4593	1.0	V
5016	20638.20	30 46N	74 46E	81.2	187.5	2.872	-22.40	64.6	SO315	.01710	8.8798	0.8	F
5017	20641.20	30 46N	74 46E	80.2	187.4	2.872	-22.05	64.6	SO315	.01710	9.1271	0.6	V
5018	20727.20	24 27N	74 52E	89.2	187.1	2.511	26.60	68.5	SO315	.01710	8.0965	0.6	A
9001	20059.80	69 37N	90 22E	82.8	198.7	0.986	-17.15	32.2	SO312	.03090	8.7076	0.8	F
9002	20062.80	69 37N	90 23E	81.6	198.6	0.986	-16.80	32.2	SO312	.03090	8.9550	0.8	V
9003	20066.00	69 56N	90 20E	82.5	198.4	0.986	-17.15	32.2	SO312	.03090	8.7736	0.6	A
9004	20270.80	55 19N	83 3E	79.5	191.4	2.170	14.00	45.6	SO312	.04090	9.1282	0.4	F
9005	20276.40	55 2oN	83 2E	79.4	191.3	2.033	14.35	45.6	SO312	.04090	9.1034	0.6	A
9006	20294.80	53 50N	81 10E	79.3	190.9	2.033	-18.20	46.7	SO312	.03090	9.1054	1.2	F
9007	20300.60	53 50N	81 10E	78.9	190.8	2.033	-17.50	46.7	SO312	.03090	9.1941	1.0	A
9008	20327.60	51 42N	81 12E	75.3	190.4	2.170	3.85	48.7	SO312	.04090	9.7384	0.4	V
9009	20330.40	51 42N	81 12E	76.2	190.3	2.170	4.20	48.7	SO312	.04090	9.5075	0.4	A
9010	20345.20	50 26N	80 15E	76.5	190.1	2.170	-10.50	49.7	SO312	.03090	9.4498	0.8	F
9011	20350.60	50 26N	80 15E	76.3	190.0	2.385	-10.15	49.7	SO312	.03090	9.4992	0.8	A
9012	20360.60	49 24N	80 59E	80.6	189.9	2.170	19.95	50.8	SO312	.04090	9.1034	0.8	V
9013	20363.60	49 23N	80 59E	81.7	189.9	2.170	20.30	50.8	SO312	.04090	8.8726	0.6	A
9014	20638.20	30 46N	74 46E	81.2	187.5	2.872	-22.40	64.6	SO312	.03090	8.8808	0.8	F
9015	20655.60	29 9N	75 50E	86.2	187.4	2.733	25.55	66.1	SO312	.02200	8.4850	1.0	V
9016	20659.00	29 8N	75 50E	87.7	187.4	2.511	26.25	66.1	SO312	.02200	8.2211	0.8	A
9017	20694.60	26 20N	74 44E	78.4	187.2	3.090	7.00	67.2	SO312	.03090	9.2436	1.0	F
9018	20700.20	26 21N	74 44E	78.8	187.2	3.090	8.05	67.3	SO312	.03090	9.1612	1.0	A
9019	20752.80	22 24N	73 10E	84.2	187.0	3.090	-24.15	68.2	SO312	.03090	8.5674	0.8	F

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
56 9020	20755.80	22 24N	73 10E	83.1	187.0	3.090	-23.80	68.2	S0312	.0309U	8.8066	1.0	V
9021	20780.00	20 28N	72 51E	83.8	186.9	3.090	-22.40	68.8	S0312	.0309U	8.5922	1.0	F
9022	20803.00	18 55N	72 56E	79.7	186.8	3.211	-8.05	69.4	S0312	.0309U	9.0540	0.8	F
9023	20808.60	18 55N	72 56E	79.8	186.8	3.439	-7.35	69.5	S0312	.0309U	9.0457	1.0	A
57 5001	25589.80	55 8N	60 9E	76.1	191.3	2.033	-2.45	45.6	S0315	.0315U	9.5146	0.6	F
5002	25592.60	55 8N	60 9E	75.2	191.3	2.033	-2.10	45.7	S0315	.0315U	9.7372	0.6	V
5003	25615.80	53 13N	60 33E	86.1	190.8	2.033	25.90	47.6	S0315	.0226U	8.4345	0.4	F
5004	25618.80	53 13N	60 34E	85.6	190.8	2.033	26.60	47.6	S0315	.0226U	8.5582	0.4	V
5005	25619.80	53 9N	60 33E	85.6	190.8	2.033	26.60	47.6	S0315	.0226U	8.5582	0.6	V
5006	25623.00	53 9N	60 34E	87.4	190.7	1.810	27.65	47.6	S0315	.0226U	8.2944	0.4	A
5007	25626.00	52 44N	60 25E	86.5	190.7	2.033	27.65	48.0	S0315	.0226U	8.4758	0.6	V
5008	25629.20	52 44N	60 26E	88.0	190.6	1.810	28.35	48.0	S0315	.0226U	8.2366	0.6	A
5009	25630.80	52 39N	60 23E	87.9	190.6	1.810	28.35	48.1	S0315	.0226U	8.2449	0.4	A
5010	25633.80	52 25N	60 21E	88.6	190.5	1.810	29.05	48.3	S0315	.0171U	8.1789	0.4	A
5011	25646.40	51 18N	58 37E	75.8	190.3	2.170	-4.90	49.0	S0315	.0315U	9.5558	0.6	F
5012	25649.00	51 19N	58 37E	74.9	190.3	2.170	-4.55	49.0	S0315	.0315U	9.7867	0.6	V
5013	25658.00	50 47N	59 36E	86.4	190.2	2.033	26.60	49.7	S0315	.0226U	8.3768	0.6	A
5014	25685.40	48 36N	58 3E	76.1	189.8	2.385	4.90	51.4	S0315	.0315U	9.5311	1.6	F
5015	25691.00	48 36N	58 3E	76.3	189.7	2.385	5.60	51.4	S0315	.0315U	9.5064	1.4	A
5016	25819.40	39 52N	54 24E	85.6	188.3	2.385	-30.10	58.3	S0315	.0226U	8.4263	0.6	F
5017	26007.60	26 50N	53 14E	89.1	187.2	2.511	26.95	67.4	S0315	.0226U	8.0965	0.6	A
5018	26025.60	25 40N	51 31E	84.8	187.1	2.872	-26.25	67.1	S0315	.0226U	8.5005	1.0	F
5019	26028.80	25 19N	51 30E	83.8	187.1	3.090	-26.25	67.1	S0315	.0226U	8.7313	0.8	V
5020	26047.40	24 7N	52 28E	84.8	187.0	2.733	19.95	68.5	S0315	.0226U	8.5005	1.0	A
5021	26136.40	18 0N	51 2E	82.0	186.8	3.090	10.15	70.0	S0315	.0133U	8.7973	0.6	A
5022	26140.80	17 57N	50 59E	82.6	186.7	3.090	12.25	70.1	S0315	.0226U	8.7808	0.6	F
5023	26147.20	17 55N	51 0E	83.7	186.7	3.090	14.00	70.2	S0315	.0133U	8.6077	0.6	A
5024	26277.00	8 26N	48 30E	89.3	186.5	3.574	-23.10	68.4	S0315	.0226U	8.1047	1.0	A
5025	26682.59	19 39S	44 33E	105.6	186.8	2.872	12.60	50.6	S0315	.0226U	6.8550	0.8	V
5026	26686.79	19 57S	44 37E	107.7	186.8	2.872	15.75	50.4	S0315	.0171U	6.6948	1.0	V
5027	26690.40	19 55S	44 36E	109.3	186.9	2.872	15.75	50.4	S0315	.0171U	6.4970	0.6	A
9001	25471.00	63 13N	63 27E	80.5	194.4	1.475	-16.45	38.2	S0312	.0309U	8.9550	0.8	F
9002	25476.80	63 13N	63 27E	80.3	194.2	1.687	-16.45	38.2	S0312	.0309U	9.0210	0.8	A
9003	25498.40	61 18N	63 9E	77.3	193.5	1.810	-0.70	40.1	S0312	.0409U	9.3508	0.8	F
9004	25504.00	61 16N	63 10E	77.2	193.4	1.810	0.00	40.1	S0312	.0409U	9.3673	0.6	A
9005	25545.00	58 15N	60 41E	81.2	192.3	1.687	-20.65	42.7	S0312	.0409U	8.8308	0.6	F
9006	25550.80	58 15N	60 41E	80.9	192.1	1.810	-20.30	42.7	S0312	.0409U	8.9550	0.6	A
9007	25575.40	56 0N	60 44E	76.5	191.6	2.033	2.10	44.8	S0312	.0409U	9.4580	0.8	F
9008	25581.00	56 0N	60 43E	76.5	191.5	2.033	2.45	44.8	S0312	.0409U	9.4663	0.8	A
9009	25585.40	55 56N	60 14E	76.2	191.4	2.033	-3.50	45.4	S0312	.0409U	9.4910	0.8	F
9010	25589.80	55 48N	60 9E	76.2	191.3	2.033	-2.45	45.6	S0312	.0409U	9.5157	0.6	F
9011	25592.60	55 8N	60 9E	75.2	191.3	2.033	-2.10	45.7	S0312	.0409U	9.7384	0.6	V
9012	25646.60	51 17N	58 37E	75.8	190.3	2.170	-4.90	49.0	S0312	.0409U	9.5570	0.4	F
9013	25684.40	48 40N	58 5E	76.1	189.8	2.385	4.90	51.3	S0312	.0409U	9.5322	1.0	F
9014	25707.40	47 9N	57 4E	76.4	189.5	2.385	-11.20	52.5	S0312	.0409U	9.4663	0.8	F
9015	25713.00	47 9N	57 4E	76.2	189.4	2.385	-10.50	52.5	S0312	.0409U	9.5157	0.8	A
9016	25822.40	39 52N	54 22E	85.0	188.3	2.385	-30.45	58.3	S0312	.0220U	8.6169	1.0	V
9017	25825.80	39 50N	54 22E	85.7	188.3	2.385	-30.10	58.3	S0312	.0220U	8.4767	0.8	A
9018	25967.60	29 59N	52 54E	76.3	187.4	3.090	-10.15	65.0	S0312	.0309U	9.4828	0.6	F
9019	25963.00	29 59N	52 54E	76.2	187.4	3.090	-9.10	65.0	S0312	.0309U	9.4992	1.0	A
9020	25970.00	29 16N	53 8E	76.0	187.4	2.872	5.60	65.7	S0312	.0309U	9.6394	0.8	V
9021	25978.40	28 37N	53 36E	86.6	187.3	2.511	26.60	66.4	S0312	.0168U	8.4603	1.0	V
9022	25993.00	27 51N	52 36E	77.2	187.3	3.090	-1.75	66.5	S0312	.0309U	9.3838	0.8	F
9023	26001.80	27 15N	53 2E	82.6	187.2	2.733	17.85	67.0	S0312	.0309U	8.7159	1.0	A
9024	26041.20	24 19N	52 35E	85.2	187.1	2.733	22.40	68.5	S0312	.0309U	8.5757	1.0	V
9025	26183.40	14 41N	49 23E	91.0	186.6	3.211	-30.80	69.2	S0312	.0168U	8.0450	0.4	V
9026	26186.80	14 41N	49 20E	93.1	186.6	3.211	-31.85	69.2	S0312	.0168U	7.7593	0.8	A
9027	26236.60	10 41N	49 46E	85.0	186.6	3.211	10.50	69.8	S0312	.0309U	8.5097	0.8	F
9028	26695.39	20 15S	44 19E	106.2	186.9	3.090	9.10	50.0	S0312	.0309U	6.6791	1.0	A
9029	26708.99	21 40S	43 45E	104.4	186.9	3.211	-1.40	48.6	S0312	.0309U	6.8440	1.0	F
9030	26717.99	21 43S	43 23E	106.0	186.9	3.439	-11.20	48.4	S0312	.0309U	6.7039	1.0	A
9031	26733.19	23 21S	43 44E	107.8	187.0	3.090	8.05	47.3	S0312	.0309U	6.6214	1.0	F
9032	26737.39	23 22S	43 40E	106.4	187.0	3.090	6.65	47.3	S0312	.0409U	6.7698	0.6	V
9033	26745.59	23 41S	44 24E	124.1	187.0	2.170	28.35	47.4	S0312	.0220U	5.6896	1.2	A
58 5001	30772.99	64 26N	40 44E	93.9	194.8	1.113	-35.70	37.1	S0315	.0226U	7.7997	0.6	V
5002	30776.39	64 23N	40 46E	94.3	194.7	1.332	-35.35	37.1	S0315	.0226U	7.6842	0.6	A
5003	30795.99	62 47N	40 21E	86.1	194.0	1.332	-28.35	38.6	S0315	.0171U	8.4840	0.6	V
5004	30798.99	62 47N	40 21E	87.1	194.0	1.332	-28.35	38.6	S0315	.0171U	8.3109	0.6	A
5005	30808.59	61 40N	40 23E	80.4	193.7	1.475	-17.50	39.7	S0315	.0315U	8.9869	0.6	F
5006	30811.59	61 40N	40 24E	79.2	193.6	1.687	-17.15	39.7	S0315	.0315U	9.2343	0.4	V
5007	30814.59	61 40N	40 20E	80.6	193.5	1.687	-18.20	39.7	S0315	.0315U	9.0117	0.6	A
5008	30861.39	58 5N	38 49E	78.2	192.2	1.810	-13.30	43.0	S0315	.0415U	9.2343	0.6	F
5009	30864.19	58 5N	38 50E	77.2	192.2	1.810	-12.95	43.0	S0315	.0315U	9.4816	0.6	V
5010	30867.19	58 5N	38 49E	78.0	192.1	1.810	-12.60	43.0	S0315	.0315U	9.3003	0.6	A
5011	30888.39	56 14N	38 19E	76.5	191.6	2.033	-6.30	44.7	S0315	.0315U	9.4569	0.6	F
5012	30893.99	56 14N	38 19E	76.4	191.5	2.033	-5.60	44.7	S0315	.0315U	9.4981	0.4	A
5013	30897.79	55 55N	38 9E	76.2	191.4	2.033	-3.50	45.3	S0315	.0315U	9.4899	0.4	F
5014	30903.19	55 55N	38 9E	76.2	191.3	2.033	-3.15	45.3	S0315	.0315U	9.5146	0.6	A
5015	30909.79	54 56N	38 5E	75.3	191.2	2.033	1.75	45.9	S0315	.0315U	9.7207	0.6	V
5016	30912.59	54 56N	38 5E	76.3	191.2	2.033	2.10	45.9	S0315	.0315U	9.5064	0.6	A
5017	30917.39	54 13N	37 37E	76.0	191.1	2.033	-3.50	46.4	S0315	.0315U	9.5064	1.0	F
5018	30922.99	54 13N	37 37E	76.0	191.0	2.033	-2.80	46.5	S0315	.0315U	9.5311	0.8	A
5019	30931.79	53 33N	36 34E	80.4	190.8	1.810	-22.75	46.9	S0315	.0315U	9.0941	0.6	V

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
58 5020	30934.79	53 52N	36 34E	81.3	190.8	2.033	-22.75	46.9	S0315	.03150	8.9575	0.4	A
5021	30940.99	52 57N	36 1E	85.4	190.7	1.810	-30.10	47.4	S0315	.02260	8.5829	0.6	V
5022	30943.59	52 54N	36 2E	96.1	190.6	1.810	-29.75	47.3	S0315	.02260	8.4510	1.2	A
5023	30970.39	50 56N	36 38E	76.6	190.2	2.385	6.30	49.7	S0315	.03150	9.4652	0.6	F
5024	30973.19	50 53N	36 38E	75.7	190.1	2.170	6.65	49.7	S0315	.03150	9.6795	0.4	V
5025	30978.39	50 50N	36 17E	75.7	190.1	2.385	1.40	50.1	S0315	.03150	9.5641	1.2	F
5026	30983.99	50 47N	36 17E	75.8	190.0	2.385	2.10	50.1	S0315	.03150	9.5641	1.0	A
5027	31292.59	28 52N	30 49E	77.5	187.3	3.090	4.20	66.1	S0315	.03150	9.3497	0.6	F
5028	31928.59	14 48S	21 23E	127.8	186.7	3.090	-42.70	53.4	S0315	.01330	9.6560	0.6	V
9001	30787.59	63 3N	41 34E	78.5	194.3	1.687	-10.15	38.5	S0312	.04090	9.2024	0.8	F
9002	30795.79	62 47N	40 21E	86.1	194.1	1.332	-28.35	38.6	S0312	.04090	8.4850	0.6	V
9003	30798.99	62 47N	40 21E	87.1	194.0	1.332	-28.35	38.6	S0312	.04090	8.3118	0.6	A
9004	30844.79	59 14N	39 8E	80.0	192.6	1.687	-17.85	41.9	S0312	.04090	9.0127	1.0	F
9005	30847.99	59 12N	39 8E	78.9	192.5	1.687	-17.50	41.9	S0312	.04090	9.2766	0.4	V
9006	30850.59	59 10N	39 9E	79.6	192.5	1.687	-17.15	41.9	S0312	.04090	9.1034	0.8	A
9007	30877.39	57 10N	37 55E	82.1	191.9	1.687	-24.50	43.6	S0312	.04090	8.9138	0.6	V
9008	30880.39	57 10N	37 54E	83.0	191.8	1.687	-24.50	43.6	S0312	.04090	8.7824	0.6	A
9009	30887.59	56 17N	38 20E	76.5	191.7	2.033	-6.30	44.6	S0312	.04090	9.4580	1.2	F
9010	30892.99	56 17N	38 21E	76.3	191.5	2.033	-5.60	44.6	S0312	.04090	9.4992	1.2	A
9011	30897.59	55 56N	38 9E	76.3	191.5	2.033	-3.50	45.3	S0312	.04090	9.4910	1.0	F
9012	30902.99	55 56N	38 9E	76.2	191.3	2.033	-3.15	45.3	S0312	.04090	9.5457	1.0	A
9013	30907.39	54 54N	38 4E	76.3	191.3	2.033	1.40	45.9	S0312	.04090	9.4828	0.4	F
9014	30917.19	54 16N	37 37E	76.1	191.1	2.033	-3.50	46.4	S0312	.04090	9.5075	0.8	F
9015	30922.59	54 16N	37 37E	75.9	191.0	2.033	-2.80	46.4	S0312	.04090	9.5322	0.8	A
9016	30954.39	51 48N	36 16E	77.8	190.4	2.033	-15.05	48.5	S0312	.04090	9.2766	1.0	F
9017	30959.99	51 46N	36 16E	77.5	190.3	2.170	-14.35	48.5	S0312	.04090	9.3508	1.0	A
9018	30978.59	50 4N	36 17E	75.8	190.1	2.385	1.40	50.1	S0312	.04090	9.5652	1.4	F
9019	30983.99	50 4N	36 17E	75.8	190.0	2.385	2.10	50.1	S0312	.04090	9.5952	1.2	A
9020	31016.79	47 52N	34 36E	81.2	189.6	2.170	-23.45	52.0	S0312	.04090	8.8808	0.6	F
9021	31022.59	47 52N	34 36E	80.7	189.5	2.170	-22.75	52.0	S0312	.04090	8.9797	0.8	A
9022	31052.39	45 7N	33 35E	87.3	189.1	2.033	-31.85	53.9	S0312	.03090	8.2541	1.0	F
9023	31058.59	45 7N	33 36E	86.5	189.1	2.170	-31.15	53.9	S0312	.03090	8.3778	1.6	A
9024	31256.39	30 50N	31 27E	77.9	187.5	2.872	8.05	64.7	S0312	.02200	9.3096	1.0	F
9025	31261.99	31 0N	31 26E	78.2	187.5	2.872	8.75	64.7	S0312	.02200	9.2554	1.0	A
9026	31269.39	30 59N	30 55E	76.6	187.5	3.090	-5.25	65.0	S0312	.02200	9.4415	0.6	F
9027	31274.79	30 59N	30 55E	76.7	187.4	3.090	-4.20	65.0	S0312	.02200	9.4333	1.0	A
9028	31281.79	29 58N	31 2E	77.8	187.4	3.090	6.30	65.7	S0312	.02200	9.3096	1.0	F
9029	31287.39	29 56N	31 2E	78.2	187.4	2.872	7.70	65.8	S0312	.02200	9.2271	1.0	A
9030	31298.19	28 58N	30 44E	77.6	187.3	3.090	3.85	66.3	S0312	.02200	9.3343	1.0	F
9031	31303.79	28 56N	30 44E	77.9	187.3	3.090	4.90	66.3	S0312	.02200	9.2684	0.8	A
9032	31545.59	11 58N	27 44E	85.6	186.6	3.211	12.25	69.9	S0312	.03090	8.4603	0.8	F
9033	31714.99	0 6S	25 22E	88.7	186.4	3.574	-3.85	64.9	S0312	.03090	8.0909	1.2	A
9034	31754.59	2 55S	25 55E	109.9	186.4	2.385	31.85	64.0	S0312	.02200	6.4730	1.0	A
9035	31788.19	4 56S	23 23E	115.2	186.5	3.439	-39.90	60.9	S0312	.02200	6.2338	1.0	A
9036	31803.99	6 5S	23 34E	103.6	186.5	3.574	-29.75	60.4	S0312	.02200	6.9430	1.0	A
9037	31808.99	6 57S	23 26E	103.9	186.5	3.574	-30.10	59.8	S0312	.02200	6.8935	1.0	F
9038	31818.59	7 59S	24 3E	93.1	186.5	3.439	-4.55	59.8	S0312	.03090	7.7099	1.2	F
9039	31823.79	7 54S	24 10E	93.6	186.5	3.434	0.00	60.0	S0312	.03090	7.6357	1.0	A
9040	31835.39	8 42S	25 1E	114.5	186.5	2.511	32.90	59.9	S0312	.02200	6.3328	0.8	V
9041	31839.79	8 43S	25 2E	117.2	186.5	2.170	33.95	59.9	S0312	.02200	6.0689	0.6	A
9042	31861.59	10 24S	23 28E	94.4	186.5	3.439	-8.05	57.7	S0312	.03090	7.6769	0.6	V
9043	31867.39	11 0S	23 31E	95.4	186.5	3.439	-2.45	57.3	S0312	.03090	7.5202	0.8	F
9044	31874.79	11 46S	23 2E	98.4	186.6	3.574	-16.80	56.7	S0312	.03090	7.2646	1.0	F
9045	31878.59	11 49S	23 2E	97.3	186.6	3.574	-16.10	56.7	S0312	.03090	7.4377	0.8	V
9046	31884.19	11 52S	22 55E	98.1	186.6	3.574	-17.50	56.4	S0312	.03090	7.3718	0.8	V
9047	31891.79	12 37S	22 34E	103.8	186.6	3.439	-24.50	55.6	S0312	.03090	6.8770	1.0	F
9048	31952.99	16 17S	22 2E	103.8	186.7	3.574	-18.90	52.8	S0312	.03090	6.8688	1.2	A
9049	31960.19	16 56S	21 19E	117.4	186.7	3.211	-35.00	51.8	S0312	.02200	6.1431	1.2	V
9050	31969.79	17 50S	22 12E	100.8	186.8	3.439	-4.20	51.6	S0312	.03090	7.0914	0.8	F
9051	31973.39	17 53S	22 12E	99.9	186.8	3.211	-3.50	51.6	S0312	.03090	7.2316	0.8	V
9052	32030.79	21 53S	21 40E	104.6	186.9	3.211	1.75	48.6	S0312	.03090	6.7701	1.2	A
9053	32086.39	25 22S	20 36E	108.0	187.1	3.211	-8.40	45.2	S0312	.03090	6.5637	1.2	A
9054	32110.39	27 42S	21 25E	123.3	187.2	2.385	25.20	43.8	S0312	.03090	5.7865	0.8	F
9055	32114.79	27 42S	21 26E	122.7	187.3	2.170	25.90	43.8	S0312	.03090	5.8545	0.8	V
9056	32119.99	28 21S	21 16E	123.1	187.3	2.385	24.50	43.2	S0312	.03090	5.7805	1.4	F
9057	32125.19	28 24S	21 17E	123.1	187.3	2.170	25.55	43.2	S0312	.03090	5.8580	0.8	V
9058	32141.79	28 58S	19 0E	124.2	187.4	3.439	-29.75	41.6	S0312	.03090	5.7143	1.0	A
9059	32155.59	30 5S	20 0E	112.1	187.5	2.872	2.10	41.2	S0312	.03090	6.3080	1.4	A
9060	32167.79	31 27S	19 44E	112.6	187.5	2.872	1.75	40.0	S0312	.03090	6.3165	1.2	F
9061	32191.19	33 56S	18 11E	126.3	187.6	3.090	-28.00	38.0	S0312	.03090	5.5989	1.0	F
9062	32195.79	33 55S	18 10E	124.9	187.7	3.090	-27.65	38.1	S0312	.03090	5.7391	1.0	V
9063	32201.39	33 59S	18 26E	119.2	187.7	3.090	-18.55	37.6	S0312	.03090	5.9570	0.6	F
9064	32205.79	33 59S	18 27E	117.8	187.7	3.090	-17.85	37.6	S0312	.03090	6.0854	0.6	V
9065	32210.79	34 2S	18 48E	114.3	187.8	3.090	-7.35	37.5	S0312	.03090	6.2668	1.0	V
9066	32215.19	34 3S	18 48E	115.9	187.8	3.090	-6.65	37.5	S0312	.03090	6.0854	1.0	A
59 9001	35366.59	64 45N	177 54E	103.2	344.8	-1.466	-19.95	-9.0	S0312	.29770	6.9265	0.6	A
9002	35825.79	80 50N	47 31E	88.8	222.3	0.286	-22.75	20.7	S0312	.04090	6.2046	1.0	V
9003	35829.19	80 49N	47 28E	89.8	221.4	0.286	-22.75	20.8	S0312	.04090	6.0397	0.8	A
9004	36275.59	51 19N	13 33E	82.9	190.3	1.810	-25.55	48.8	S0312	.04090	6.6911	0.6	F
9005	36277.19	51 18N	13 31E	82.9	190.3	1.810	-25.55	48.9	S0312	.04090	6.6911	0.6	F
9006	36283.99	50 42N	13 53E	76.7	190.2	2.033	-11.55	49.5	S0312	.04090	9.4250	0.6	F
9007	36286.59	50 41N	13 51E	76.4	190.2	2.033	-11.20	49.7	S0312	.04090	9.4498	0.6	F
9008	36289.39	50 41N	13 51E	75.5	190.1	2.033	-10.85	49.7	S0312	.04090	9.7054	0.6	V
9009	36297.99	49 46N	13 23E	78.2	190.0	2.170	-17.15	50.2	S0312	.04090	9.2271	0.6	F
9010	36300.79	49 46N	13 23E	77.2	190.0	2.170	-16.80	50.3	S0312	.04090	9.4828	0.8	V

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
59 9011	36303.79	49 45N	13 23E	77.9	189.9	2.170	-16.45	50.3	SO312	.04090	9.3013	0.6	A
9012	36413.19	41 55N	12 30E	84.9	188.7	2.385	25.90	57.2	SO312	.02200	8.6334	0.4	V
9013	36416.19	41 55N	12 30E	86.3	188.6	2.170	26.60	57.2	SO312	.02200	8.3695	0.4	A
9014	36486.19	36 50N	10 11E	76.0	188.1	2.872	-8.05	60.6	SO312	.03090	9.5157	0.6	F
9015	36488.99	36 50N	10 11E	75.1	188.0	2.872	-7.70	60.6	SO312	.03090	9.7466	0.6	V
9016	36494.59	36 48N	10 1E	75.5	188.0	2.733	-10.15	60.9	SO312	.03090	9.7054	0.8	V
9017	36498.39	36 44N	9 55E	77.0	188.0	2.733	-12.95	60.9	SO312	.03090	9.4085	0.6	A
9018	36518.99	34 31N	10 13E	79.0	187.8	2.872	12.95	62.5	SO312	.03090	9.1941	0.4	F
9019	36523.19	34 26N	10 7E	77.1	187.8	2.872	10.15	62.6	SO312	.03090	9.4992	1.0	V
9020	36527.79	34 18N	10 6E	78.5	187.8	2.872	11.20	62.7	SO312	.04090	9.2106	0.4	A
9021	36533.59	33 54N	10 6E	79.8	187.7	2.733	14.70	63.0	SO312	.03090	9.0375	0.6	A
9022	36555.59	32 1N	9 35E	78.2	187.6	2.872	10.15	64.2	SO312	.03090	9.2766	0.8	F
9023	36562.59	31 48N	9 17E	75.6	187.6	2.872	1.40	64.2	SO312	.03090	9.6089	0.6	V
9024	36567.39	31 38N	9 5E	76.4	187.5	3.090	-4.55	64.2	SO312	.03090	9.4775	1.0	A
9025	36597.79	29 12N	8 4E	82.4	187.4	2.872	-24.15	65.3	SO312	.03090	8.7489	1.2	F
9026	36608.19	28 47N	8 54E	79.2	187.3	2.872	11.55	66.1	SO312	.03090	9.1117	1.2	A
9027	36630.19	27 18N	8 11E	77.1	187.2	3.090	-4.55	66.6	SO312	.03090	9.3756	1.0	A
9028	36639.79	26 56N	8 30E	80.4	187.2	2.872	13.30	67.3	SO312	.03090	8.9715	1.0	A
9029	36752.79	18 49N	7 22E	91.6	186.8	2.511	26.95	70.3	SO312	.02200	7.8418	0.8	A
9030	36801.99	15 27N	6 21E	83.8	186.7	3.090	12.25	70.3	SO312	.03090	8.5757	0.8	A
9031	36898.19	8 29N	4 30E	85.1	186.5	3.439	-13.30	68.6	SO312	.03090	8.4685	1.0	F
9032	36910.79	7 48N	4 30E	83.6	186.5	3.439	-8.40	68.5	SO312	.03090	8.7159	1.0	V
60 9001	41932.99	27 59N	12 55W	90.0	187.3	2.385	28.35	66.9	SO312	.01680	7.9902	1.0	A
9002	41941.59	27 41N	13 13W	85.2	187.2	2.739	23.45	67.2	SO312	.01680	8.5849	0.8	V
9003	41944.79	27 10N	13 13W	86.6	187.2	2.511	24.15	67.2	SO312	.01680	8.3118	0.8	A
9004	41992.39	23 57N	14 33W	79.1	187.0	3.211	-1.75	68.2	SO312	.03090	9.2436	1.0	A
9005	42074.79	18 7N	15 58W	80.7	186.8	3.211	-14.70	69.5	SO312	.03090	9.0457	0.6	V
9006	42077.79	18 7N	15 58W	81.7	186.8	3.439	-14.70	69.5	SO312	.03090	8.8478	0.6	A
9007	42100.59	16 49N	15 39W	83.0	186.7	3.090	10.50	70.2	SO312	.03090	8.6664	1.0	A
61 9001	47853.98	13 32S	44 17W	111.1	186.6	3.574	-31.15	54.7	SO312	.02200	6.4565	1.2	A
9002	47905.18	17 16S	44 56W	111.1	186.7	3.439	-29.40	51.6	SO312	.03090	6.4977	1.0	V
9003	47922.58	18 11S	45 11W	114.7	186.8	3.574	-30.80	50.9	SO312	.02200	6.2173	1.0	A
9004	47975.58	22 49S	44 38W	106.9	186.9	3.090	8.75	48.0	SO312	.03090	6.6874	0.4	F
9005	47979.38	22 49S	44 38W	106.1	187.0	2.872	9.45	48.0	SO312	.03090	6.7863	0.4	V
9006	47986.38	22 50S	44 27W	111.0	187.0	2.733	17.15	47.7	SO312	.03090	6.4912	0.4	V
9007	47990.58	22 50S	44 28W	112.9	187.0	2.733	17.50	47.7	SO312	.03090	6.2586	0.4	A
62 9001	52808.18	10 41N	61 31W	83.0	186.5	3.439	-12.60	69.2	SO312	.03090	8.7818	0.4	V
9002	52811.18	10 41N	61 31W	84.0	186.5	3.439	-11.90	69.2	SO312	.03090	8.5839	0.4	A
9003	52872.98	6 0N	62 15W	85.4	186.5	3.439	-9.45	67.8	SO312	.03090	8.4355	1.0	F
9004	53243.98	19 19S	67 6W	104.9	186.8	3.439	-20.30	50.2	SO312	.03090	6.7946	0.8	F
9005	53249.58	19 26S	67 28W	110.8	186.8	3.439	-29.05	49.8	SO312	.03090	6.5142	1.0	V
9006	53250.58	20 25S	66 50W	101.2	186.8	3.211	-5.25	49.5	SO312	.03090	7.0584	1.0	F
9007	53266.58	20 46S	66 23W	103.7	186.9	2.872	11.55	49.5	SO312	.03090	6.9595	1.0	V
9008	53272.18	21 7S	66 45W	101.3	186.9	3.090	2.45	49.0	SO312	.03090	7.1162	1.0	V
9009	53276.38	21 40S	66 43W	103.2	186.9	3.090	5.95	48.6	SO312	.03090	6.9265	1.0	F
9010	53285.78	22 26S	66 5W	118.8	186.9	2.511	27.30	48.4	SO312	.02200	6.0359	0.8	F
9011	53293.98	22 39S	66 30W	108.8	187.0	2.733	18.20	48.0	SO312	.03090	6.6214	0.8	V
9012	53299.58	23 19S	66 31W	112.8	187.0	2.733	20.65	47.5	SO312	.03090	6.3410	0.6	F
9013	53315.18	23 37S	68 19W	116.7	187.0	3.439	-28.70	46.3	SO312	.03090	6.1019	1.2	A
9014	53334.38	24 59S	68 8W	108.4	187.1	3.439	-16.45	45.3	SO312	.03090	6.5637	1.0	A
9015	53348.18	26 2S	67 23W	110.1	187.2	2.733	11.90	44.9	SO312	.02200	6.4256	1.0	A
9016	53448.18	32 55S	70 21W	124.1	187.7	3.090	-27.30	38.0	SO312	.03090	5.7803	0.6	V
9017	53453.58	33 09S	70 32W	126.9	187.7	2.872	-28.00	37.4	SO312	.03090	5.5742	0.6	F
9018	53456.38	33 25S	70 32W	125.6	187.7	3.090	-28.35	37.5	SO312	.03090	5.7143	0.4	V
9019	53460.98	33 25S	70 32W	127.1	187.7	3.090	-28.00	37.5	SO312	.03090	5.5824	0.6	A
9020	53531.18	38 56S	70 6W	122.0	188.2	2.511	11.20	33.2	SO312	.03090	5.8133	1.0	F
9021	53538.78	39 20S	71 8W	119.9	188.3	2.872	-9.80	32.5	SO312	.03090	5.9040	1.0	F
9022	53543.38	39 4S	70 60W	119.8	188.3	2.872	-7.35	32.8	SO312	.03090	5.8793	1.0	A
9023	53550.18	40 6S	71 19W	121.0	188.4	2.733	-9.45	31.8	SO312	.03090	5.8463	1.0	F
9024	53555.58	39 53S	71 5W	120.7	188.4	2.733	-4.55	32.1	SO312	.03090	5.8298	0.6	A
9025	53567.78	40 2S	71 7W	120.4	188.4	2.733	-4.55	31.9	SO312	.03090	5.8463	1.0	A
9026	53564.78	41 6S	71 24W	120.8	188.5	2.733	-5.60	30.9	SO312	.03090	5.8545	0.6	F
9027	53569.18	41 0S	71 24W	119.7	188.5	2.733	-5.25	30.9	SO312	.03090	5.9700	0.6	V
9028	53573.98	41 0S	71 17W	121.7	188.6	2.733	-2.10	31.0	SO312	.03090	5.7803	0.6	A
9029	53581.38	41 55S	71 32W	120.5	188.6	2.733	-3.15	30.2	SO312	.03090	5.9205	1.0	V
9030	53589.98	42 52S	71 7W	125.2	188.7	2.385	10.15	29.6	SO312	.03090	5.6566	1.0	F
9031	53594.78	42 52S	71 19W	123.0	188.8	2.385	6.65	29.5	SO312	.03090	5.7968	0.8	V
9032	53599.58	42 51S	71 35W	123.2	188.8	2.385	1.40	29.4	SO312	.03090	5.6978	0.8	A
9033	53604.18	43 49S	71 34W	122.7	188.9	2.385	4.90	28.9	SO312	.03090	5.8133	1.0	V
9034	53610.38	43 54S	71 48W	124.0	188.9	2.511	1.05	28.8	SO312	.03090	5.6649	1.0	A
9035	53616.78	43 56S	72 24W	125.1	189.0	2.733	-9.10	28.2	SO312	.03090	5.6154	1.0	A
9036	53622.98	44 20S	72 35W	125.9	189.0	2.733	-10.50	27.8	SO312	.03090	5.5824	1.0	A
63 9001	57644.98	43 14N	77 32W	85.8	188.8	2.170	-30.45	55.5	SO312	.03090	8.3943	2.8	F
9002	57937.38	23 6N	81 33W	81.7	187.0	3.090	-19.60	68.2	SO312	.03090	8.8313	0.6	F
9003	57940.58	23 5N	81 32W	80.5	187.0	3.090	-18.55	68.2	SO312	.04090	9.0869	0.4	V
9004	57943.58	23 5N	81 33W	81.4	187.0	3.090	-18.20	68.2	SO312	.04090	8.8973	0.4	A
9005	57956.58	22 6N	81 2W	80.6	186.9	3.090	9.45	69.1	SO312	.03090	8.9385	0.8	A
9006	58094.78	12 12N	83 3W	82.4	186.6	3.439	0.35	69.8	SO312	.03090	8.7654	1.0	F
9007	58144.18	8 50N	83 27W	84.3	186.5	3.211	7.35	69.3	SO312	.03090	8.6499	1.2	V
64 9001	61781.57	54 55N	73 25E	132.1	348.3	-1.685	-38.85	-18.7	SO312	.29770	5.3927	0.6	A

Handle via
BYEMAN Channels
BYE-8915/84

Approved for Release: 2021/01/22 C05132886

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
64 9002	63153.77	29 40N	102 20W	73.0	187.4	2.872	-17.50	65.2	S0312	.03090	9.1364	0.8	F
9003	63156.97	29 24N	102 29W	79.9	187.4	2.872	-21.70	65.2	S0312	.03090	9.1612	0.8	V
9004	63165.37	28 56N	102 33W	81.1	187.3	2.872	-22.40	65.5	S0312	.03090	8.8830	0.8	F
9005	63172.17	28 36N	102 23W	76.3	187.3	3.090	-11.20	65.9	S0312	.03090	9.6064	1.0	V
9006	63178.17	27 57N	102 12W	76.6	187.3	3.090	0.70	66.5	S0312	.03090	9.4580	0.8	F
9007	63182.77	27 40N	102 7W	77.9	187.3	2.872	7.35	66.5	S0312	.03090	9.2766	1.0	A
9008	63196.57	27 4N	102 1W	81.5	187.2	2.872	16.10	67.2	S0312	.03090	8.9501	1.0	A
9009	63213.77	25 36N	103 22W	83.3	187.1	2.872	-24.85	67.1	S0312	.03090	8.6499	0.4	F
9010	63216.57	25 24N	103 21W	82.1	187.1	3.090	-24.50	67.1	S0312	.03090	8.9158	0.8	V
9011	63229.77	24 48N	103 41W	85.5	187.1	2.872	-29.75	67.4	S0312	.03090	8.5467	0.8	V
9012	63243.77	23 48N	102 31W	55.1	187.0	2.733	22.05	68.8	S0312	.03090	8.4767	1.0	A
65 5001	68350.77	37 27N	122 2W	77.0	188.1	2.733	8.05	60.5	S0315	.02260	9.4239	0.8	F
5002	68356.37	37 27N	122 2W	77.3	188.1	2.733	8.75	60.5	S0315	.02260	9.3662	0.6	A
9001	68350.77	37 27N	122 2W	77.0	188.1	2.733	8.05	60.5	S0312	.03090	9.4250	0.6	F
9002	68356.37	37 26N	122 2W	77.3	188.1	2.733	8.75	60.5	S0312	.03090	9.3673	0.6	A
6A 9001	83909.96	63 5N	179 8E	86.4	194.2	1.332	-29.75	38.5	S0312	.03090	8.4603	0.4	V
9002	83913.16	63 4N	179 13E	86.0	194.1	1.332	-28.00	38.5	S0312	.03090	8.4273	0.6	A
69 9001	3038.96	47 44N	152 59E	85.8	189.6	2.170	26.60	52.6	S0312	.03090	8.4685	0.4	F
9002	3041.96	47 42N	152 59E	85.1	189.6	2.170	26.95	52.6	S0312	.03090	8.6169	0.4	V
9003	3050.56	47 0N	152 2E	76.0	189.5	2.511	6.65	53.0	S0312	.04090	9.5405	0.4	F
9004	3053.36	46 50N	152 2E	75.3	189.4	2.511	7.35	53.0	S0312	.04090	9.7884	0.4	V
9005	3055.96	47 0N	152 3E	76.2	189.4	2.511	7.70	53.0	S0312	.05410	9.4940	0.4	A
9006	3066.36	46 15N	150 34E	83.3	189.3	2.170	-29.05	53.3	S0312	.02200	8.7983	0.4	V
9007	3069.36	46 15N	150 35E	83.9	189.2	2.385	-28.70	53.3	S0312	.02200	8.6499	0.4	A
9008	3539.16	13 24N	144 42E	84.8	186.6	3.211	12.25	70.3	S0312	.03090	8.5427	0.6	F
9009	3545.36	13 20N	144 42E	85.4	186.6	3.090	13.30	70.3	S0312	.03090	8.4108	0.6	A
70 5001	8322.76	49 50N	129 24E	85.5	189.9	2.033	-31.50	50.3	S0315	.02260	8.5562	0.4	V
5002	8330.16	49 46N	130 7E	75.8	189.8	2.385	-9.45	50.8	S0315	.03150	9.5806	0.4	A
5003	8393.96	44 35N	129 36E	80.6	189.1	2.511	18.90	55.2	S0315	.02260	9.0117	1.0	F
5004	8397.96	44 30N	129 31E	78.8	189.0	2.511	17.50	55.2	S0315	.02260	9.3003	0.4	V
5005	8400.76	44 24N	129 31E	80.0	189.0	2.511	17.85	55.2	S0315	.02260	9.0611	0.6	A
5006	8436.16	41 56N	128 25E	74.5	188.6	2.511	6.30	57.2	S0315	.02260	9.8444	0.6	V
5007	8438.96	41 54N	128 25E	75.5	188.6	2.511	6.65	57.2	S0315	.02260	9.6053	0.6	A
5008	8464.56	39 50N	127 36E	75.3	188.4	2.733	-3.85	56.7	S0315	.02260	9.6136	0.4	F
5009	8467.16	39 50N	127 36E	74.5	188.4	2.733	-3.50	56.7	S0315	.02260	9.8352	0.4	V
5010	8496.36	37 55N	126 21E	83.7	188.1	2.385	-29.05	59.7	S0315	.01710	8.7396	0.6	V
5011	8499.36	37 55N	126 21E	84.5	188.1	2.385	-28.70	59.7	S0315	.01710	8.5894	0.6	A
5012	8524.36	35 55N	126 38E	74.8	187.9	2.872	-4.20	61.5	S0315	.02260	9.7367	0.6	V
5013	8526.96	35 54N	126 38E	75.8	187.9	2.872	-4.20	61.5	S0315	.01710	9.5641	0.6	A
5014	8532.36	35 48N	126 49E	77.2	187.9	2.872	6.40	62.3	S0315	.02260	9.3909	0.4	F
9001	8343.36	48 57N	129 8E	84.1	189.7	2.170	-29.05	51.3	S0312	.03090	8.6169	0.4	A
9002	8374.56	46 26N	128 52E	78.3	189.3	2.385	-14.90	53.3	S0312	.03090	9.2601	0.6	A
9003	8426.16	42 29N	128 9E	75.2	188.7	2.511	-8.05	56.6	S0312	.04090	9.6147	0.4	F
9004	8431.16	42 29N	128 19E	74.7	188.7	2.733	-2.45	56.6	S0312	.04090	9.6972	0.6	A
9005	8443.96	41 24N	128 11E	74.2	188.6	2.733	2.45	57.5	S0312	.04090	9.8705	0.4	V
9006	8448.16	41 18N	128 12E	75.1	188.5	2.733	4.90	57.6	S0312	.04090	9.6394	0.8	A
9007	8471.96	39 20N	127 24E	75.5	188.3	2.733	-6.65	59.0	S0312	.04090	9.5735	0.4	F
9008	8474.76	39 19N	127 24E	74.6	188.3	2.733	-6.30	59.0	S0312	.04090	9.8126	0.4	V
9009	8485.96	38 42N	125 50E	102.4	188.2	2.033	-44.80	58.9	S0312	.02200	7.1326	0.6	V
9010	8489.56	38 42N	125 51E	103.1	188.2	2.033	-44.45	58.9	S0312	.02200	7.0357	0.6	A
9011	8496.16	37 58N	126 21E	83.7	188.1	2.385	-29.05	59.7	S0312	.02200	8.7406	1.0	V
9012	8499.36	37 55N	126 21E	84.5	188.1	2.385	-28.70	59.8	S0312	.02200	8.6004	0.8	A
9013	8510.76	36 43N	126 11E	82.8	188.0	2.511	-26.25	60.7	S0312	.03090	8.6934	0.8	F
9014	8513.76	36 42N	126 11E	81.6	188.0	2.511	-25.90	60.7	S0312	.03090	8.9550	0.8	V
9015	8516.76	36 42N	126 11F	82.2	188.0	2.733	-25.55	60.7	S0312	.03090	8.8291	0.8	A
9016	8538.76	35 4N	126 49E	77.7	187.8	2.733	9.80	62.3	S0312	.03090	9.2951	0.8	A
9017	8560.96	33 33N	126 30F	78.4	187.7	2.733	11.20	63.4	S0312	.02200	9.2106	1.0	A
9018	8871.95	11 43N	122 23E	87.2	186.6	3.090	15.75	70.1	S0312	.03090	8.2953	1.0	F
71 5001	13665.15	47 43N	107 28E	73.7	189.5	2.385	-6.65	52.6	S0315	.02260	9.9434	0.6	V
5002	13667.75	47 24N	107 28E	74.6	189.5	2.385	-6.30	52.6	S0315	.02260	9.7372	0.6	A
5003	13692.95	45 48N	106 14E	83.0	189.2	2.385	-28.35	53.7	S0315	.02260	8.7561	0.6	A
5004	13777.75	39 21N	106 19E	85.9	188.3	2.511	26.95	59.5	S0315	.01710	8.4758	0.4	F
5005	13781.55	39 16N	106 20E	85.8	188.3	2.511	28.00	59.5	S0315	.01710	8.5500	1.6	V
5006	13785.55	39 14N	106 16E	86.3	188.3	2.511	27.30	59.5	S0315	.01710	8.3851	0.4	A
5007	13811.15	37 15N	104 3E	85.9	188.1	2.385	-30.45	60.2	S0315	.01710	8.3351	0.4	F
5008	13818.15	36 44N	104 35E	75.2	188.0	2.872	-9.10	60.9	S0315	.02260	9.6196	0.4	F
5009	13890.95	36 43N	104 35E	74.4	188.0	2.872	-8.75	60.9	S0315	.02260	9.8444	0.4	V
5010	13893.75	36 43N	104 35E	75.4	188.0	2.872	-8.75	60.9	S0315	.02260	9.6301	0.4	A
5011	13838.55	35 29N	104 33E	74.0	187.9	2.872	0.70	61.9	S0315	.02260	9.9021	0.6	V
5012	13949.15	27 37N	102 13E	82.4	187.3	2.872	-26.25	66.1	S0315	.01710	8.8633	0.8	V
5013	13995.75	24 50N	102 36E	80.1	187.1	2.872	12.95	68.3	S0315	.02260	9.0199	0.6	A
5014	14002.15	24 26N	102 35E	81.7	187.0	2.872	15.75	68.5	S0315	.02260	8.8385	0.6	A
5015	14052.35	20 59N	101 25E	79.0	186.9	3.211	-4.90	69.2	S0315	.01710	9.1518	0.6	A
9001	13654.75	47 57N	107 5E	79.7	189.6	2.170	-22.75	52.0	S0312	.04090	9.0457	0.8	F
9002	13662.35	47 24N	107 28E	74.6	189.5	2.385	-7.00	52.6	S0312	.03090	9.6889	0.6	F

Handle via
BYEMAN Channels
BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
71 9003	13645.15	47 26N	107 28E	73.7	189.5	2.385	-6.65	52.6	S0312	.0309U	9.9445	0.6	V
9004	13752.15	41 32N	106 47E	83.8	188.6	2.385	24.85	57.7	S0312	.0309U	8.6087	0.4	A
9005	13820.75	36 44N	104 36E	74.4	188.0	2.872	-8.75	60.9	S0312	.0309U	9.8456	0.6	V
9006	13823.55	36 43N	104 35E	75.3	188.0	2.872	-8.75	60.9	S0312	.0309U	9.6912	0.4	A
9007	13829.55	35 57N	104 11E	77.4	188.0	2.733	-17.50	61.3	S0312	.0309U	9.3261	0.4	F
9008	13832.35	35 57N	104 11E	76.3	187.9	2.733	-16.80	61.4	S0312	.0309U	9.5982	0.4	V
9009	13842.95	35 41N	104 35E	74.9	187.9	2.872	3.15	62.1	S0312	.0309U	9.6559	0.4	A
9010	13853.35	34 40N	104 8E	74.5	187.8	2.872	-7.70	62.4	S0312	.0309U	9.7136	0.6	A
9011	13940.55	28 20N	102 25E	80.9	187.3	2.872	-22.05	66.0	S0312	.0309U	8.9055	0.4	F
9012	13943.35	28 20N	102 25E	79.8	187.3	2.872	-21.70	66.0	S0312	.0309U	9.1612	0.4	V
9013	13973.35	26 2N	102 28E	76.4	187.2	3.211	-2.80	67.5	S0312	.0309U	9.4663	0.4	F
9014	13976.15	26 1N	102 28E	75.6	187.2	3.211	-2.45	67.5	S0312	.0309U	9.6807	0.4	V
9015	13978.95	26 1N	102 27E	76.5	187.1	3.211	-2.45	67.5	S0312	.0309U	9.4415	0.4	A
9016	13982.75	25 26N	102 14E	77.0	187.1	3.211	-7.00	67.7	S0312	.0309U	9.3920	0.4	F
9017	13985.55	25 23N	102 14E	76.1	187.1	3.211	-6.65	67.7	S0312	.0309U	9.6064	0.4	V
9018	13988.35	25 23N	102 14E	77.0	187.1	3.211	-6.30	67.7	S0312	.0309U	9.3838	0.4	A
9019	14298.55	3 55N	98 41E	88.7	186.4	3.439	8.75	67.1	S0312	.0220U	8.1304	0.8	F
9020	14301.95	3 55N	98 41E	88.1	186.4	3.211	9.80	67.1	S0312	.0220U	8.2623	0.6	V
72 5001	18847.15	55 56N	89 32E	84.2	191.5	2.033	24.15	45.7	S0315	.0315U	8.6159	0.6	F
5002	18850.15	55 56N	89 32E	83.3	191.4	1.810	24.50	45.7	S0315	.0315U	8.8056	0.6	V
5003	18854.15	55 20N	89 20E	82.0	191.3	2.033	22.75	46.0	S0315	.0315U	8.9375	0.6	V
5004	18857.15	55 20N	89 21E	83.4	191.3	1.810	23.45	46.0	S0315	.0315U	8.6984	0.6	A
5005	18877.75	53 56N	86 39E	83.9	190.9	1.810	-29.05	46.8	S0315	.0315U	8.7396	0.8	V
5006	18880.75	53 56N	86 40E	84.5	190.9	2.033	-28.70	46.8	S0315	.0226U	8.5994	0.8	A
5007	19277.95	26 26N	80 25E	76.7	187.2	3.090	-3.15	67.3	S0315	.0226U	9.5311	0.6	V
5008	19280.75	26 26N	80 24E	77.7	187.2	3.090	-2.80	67.3	S0315	.0226U	9.3085	0.6	A
5009	19354.75	21 6N	79 34E	78.9	186.9	3.211	4.55	69.4	S0315	.0226U	9.2673	0.6	V
5010	19357.75	21 7N	79 35E	80.1	186.9	3.211	5.25	69.4	S0315	.0226U	9.0199	0.4	A
5011	19423.15	16 55N	79 19E	93.4	186.7	2.511	27.30	70.7	S0315	.0171U	7.7007	1.0	A
5012	19470.35	13 1N	77 39E	82.9	186.6	3.439	-13.30	69.6	S0315	.0226U	8.6984	0.6	F
5013	19473.35	13 1N	77 39E	82.0	186.6	3.439	-12.95	69.6	S0315	.0226U	8.8962	0.6	V
9001	18861.35	55 2N	89 18E	84.6	191.2	1.810	25.20	46.2	S0312	.0220U	8.5510	0.6	A
9002	18862.75	54 57N	89 16E	84.6	191.2	1.810	25.20	46.3	S0312	.0220U	8.5510	0.4	A
9003	18923.95	50 41N	87 37E	86.6	190.2	2.170	28.35	50.4	S0312	.0309U	8.3943	1.0	F
9004	19373.55	19 42N	78 34E	85.8	186.8	3.090	-24.85	69.1	S0312	.0309U	8.3943	0.8	F
9005	19403.75	17 35N	78 32E	80.8	186.7	3.439	-11.20	69.7	S0312	.0220U	8.9303	1.8	F
9006	19407.15	17 21N	78 30E	80.9	186.7	3.439	-11.20	69.8	S0312	.0309U	8.9220	0.6	F
9007	19410.15	17 21N	78 30E	79.9	186.7	3.439	-10.50	69.8	S0312	.0309U	9.1364	0.6	V
9008	19413.15	17 21N	78 29E	80.9	186.7	3.439	-10.50	69.8	S0312	.0309U	8.9138	0.6	A
9009	19473.35	13 0N	77 39E	82.0	186.6	3.439	-12.95	69.6	S0312	.0309U	8.8973	0.6	V
9010	19476.35	13 0N	77 39E	82.9	186.6	3.439	-12.25	69.7	S0312	.0309U	8.6911	0.6	A
9011	19534.75	9 34N	76 52E	85.6	186.5	3.439	-13.30	68.7	S0312	.0309U	8.4108	0.8	F
9012	19540.95	8 34N	76 52E	85.5	186.5	3.574	-12.25	68.7	S0312	.0309U	8.4190	0.8	A
73 5001	23791.95	79 56N	91 9E	91.2	217.0	0.286	-28.00	22.5	S0315	.0226U	7.9068	0.8	F
5002	23795.15	79 54N	91 9E	90.1	216.3	0.286	-28.00	22.5	S0315	.0226U	8.1047	0.8	V
5003	24211.15	51 43N	65 59E	86.8	190.5	2.033	27.65	49.2	S0315	.0226U	8.3686	0.4	F
5004	24213.15	51 55N	65 56E	86.8	190.4	2.033	27.65	49.4	S0315	.0226U	8.3768	0.4	F
5005	24217.35	51 42N	65 40E	81.8	190.4	2.033	22.40	49.3	S0315	.0226U	8.9622	0.4	V
5006	24220.15	51 56N	65 41E	83.0	190.3	2.033	22.75	49.3	S0315	.0226U	8.7066	0.6	A
5007	24296.15	46 2N	63 19E	76.4	189.3	2.511	8.05	53.9	S0315	.0226U	9.4899	0.4	F
5008	24298.75	46 3N	63 19E	75.7	189.3	2.511	8.40	53.9	S0315	.0315U	9.6978	1.4	V
5009	24304.35	45 59N	63 20E	76.7	189.2	2.511	12.25	54.3	S0315	.0226U	9.5558	0.4	V
5010	24307.15	45 59N	63 20E	77.8	189.2	2.511	12.60	54.3	S0315	.0226U	9.3167	0.4	A
5011	24419.95	37 39N	61 54E	92.5	188.1	2.170	33.60	60.9	S0315	.0171U	7.9316	0.8	V
5012	24423.35	37 39N	61 54E	94.2	188.1	2.170	33.95	60.9	S0315	.0171U	7.6842	0.8	A
5013	24599.55	25 41N	57 48E	80.2	187.1	3.211	-16.10	67.4	S0315	.0133U	9.0364	0.4	A
5014	24676.95	19 58N	56 19E	90.3	186.8	2.872	-30.80	68.9	S0315	.0171U	7.9563	0.8	F
5015	24686.35	19 43N	56 12E	90.3	186.8	3.090	-31.85	68.9	S0315	.0171U	8.0882	0.8	V
5016	24693.95	19 11N	56 34E	82.1	186.8	3.439	-16.10	69.4	S0315	.0226U	8.6220	0.8	A
9001	23957.75	68 56N	75 52E	80.8	198.2	1.332	16.80	33.3	S0312	.0541U	9.0540	0.6	V
9002	23960.75	68 56N	75 52E	81.8	198.0	1.113	17.15	33.3	S0312	.0541U	8.8478	0.6	A
9003	24011.55	65 21N	73 5E	83.8	195.6	1.475	23.10	36.7	S0312	.0309U	8.7489	0.6	V
9004	24217.15	51 43N	65 40E	81.8	190.4	2.033	22.40	49.3	S0312	.0309U	8.9633	0.6	V
9005	24220.15	51 43N	65 40E	82.9	190.3	2.033	22.75	49.3	S0312	.0309U	8.7076	0.6	A
9006	24298.95	46 2N	63 19E	75.6	189.3	2.511	8.40	53.9	S0312	.0409U	9.6889	0.6	V
9007	24304.15	45 40N	63 20E	76.7	189.2	2.511	12.25	54.3	S0312	.0309U	9.5570	0.6	V
9008	24306.95	45 40N	63 20E	77.8	189.2	2.511	12.60	54.3	S0312	.0309U	9.3178	0.6	A
9009	24629.15	23 37N	57 31E	79.5	187.0	3.211	-11.90	68.3	S0312	.0309U	9.0952	1.0	A
9010	24636.15	22 55N	57 33E	77.6	187.0	3.211	-5.60	68.7	S0312	.0309U	9.4168	1.2	V
9011	24644.35	22 8N	57 41E	79.7	186.9	3.211	5.25	69.2	S0312	.0309U	9.0869	1.2	F
9012	24648.55	21 51N	57 33E	79.3	186.9	3.211	2.45	69.2	S0312	.0309U	9.1282	1.0	F
9013	24655.55	21 24N	57 4E	80.5	186.9	3.211	-14.00	69.0	S0312	.0309U	8.9550	0.8	F
9014	24661.55	21 22N	57 16E	79.2	186.9	3.211	-4.55	69.2	S0312	.0309U	9.1117	0.8	A
9015	24664.75	21 9N	57 13E	79.4	186.9	3.211	-5.25	69.2	S0312	.0309U	9.0952	0.8	A
9016	24669.15	20 40N	57 1E	79.0	186.9	3.211	-9.80	69.2	S0312	.0309U	9.2436	1.0	V
9017	24682.75	20 1N	56 17E	90.7	186.8	3.090	-31.15	68.9	S0312	.0309U	7.9820	1.0	A
9018	25170.75	13 20S	50 0E	119.6	186.6	3.439	-37.45	64.5	S0312	.0220U	5.9965	1.0	A
74 5001	29149.74	76 15N	62 42E	79.8	208.2	0.629	-6.65	26.0	S0315	.0539U	9.0364	0.6	F
5002	29152.54	76 15N	62 42E	78.9	207.8	0.629	-6.65	26.0	S0315	.0539U	9.2590	0.6	V
5003	29423.14	58 28N	45 32E	74.9	192.3	1.810	-0.70	43.0	S0315	.0226U	9.7705	0.6	V

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
74 5004	29425.94	58 26N	45 31E	75.8	192.3	2.033	-0.70	43.0	SO315	.02260	9.5641	0.6	A
5005	29473.94	54 55N	43 20E	78.2	191.2	2.033	-17.15	46.1	SO315	.03150	9.2260	0.8	F
5006	29479.54	54 55N	43 20E	77.9	191.1	2.033	-16.45	46.1	SO315	.03150	9.3003	0.8	A
5007	29587.34	47 11N	42 25E	89.1	189.5	2.033	-1.15	53.2	SO315	.02260	8.2202	0.6	V
5008	29590.74	47 10N	42 25E	90.6	189.4	2.033	-1.50	53.2	SO315	.02260	7.9811	0.6	A
5009	29629.94	44 27N	39 55E	77.1	189.0	2.385	-18.20	55.0	SO315	.02260	9.4899	0.6	V
5010	29632.74	44 27N	39 55E	77.9	189.0	2.385	-17.85	55.0	SO315	.02260	9.3167	0.6	A
5011	29755.14	35 47N	38 34E	77.0	187.9	2.733	10.85	61.9	SO315	.01710	9.5064	0.6	V
5012	29757.94	35 47N	38 34E	78.1	187.9	2.733	11.20	61.9	SO315	.01330	9.2590	0.6	A
5013	30083.14	13 5N	33 21E	84.6	186.6	3.439	-17.50	69.6	SO315	.01330	8.5087	0.8	F
5014	30312.94	2 0S	30 43E	89.8	186.4	3.574	-12.60	68.1	SO315	.02260	8.0806	1.0	V
5015	30391.94	7 4S	29 49E	94.2	186.5	3.574	-11.90	59.5	SO315	.02260	7.6018	1.0	A
5016	30462.74	12 5S	28 40E	100.8	186.6	3.439	-19.25	55.3	SO315	.01710	7.0906	1.0	F
5017	30513.14	16 0S	28 53E	102.3	186.7	3.211	9.45	52.9	SO315	.02260	7.0381	0.6	F
5018	30517.74	16 3S	29 1E	103.9	186.7	2.872	14.70	53.0	SO315	.02260	6.9504	1.0	V
5019	30619.54	23 2S	28 6E	116.3	187.0	2.511	23.80	47.2	SO315	.01710	6.1836	0.6	V
5020	30625.94	23 6S	27 37E	109.4	187.0	2.733	11.90	46.8	SO315	.01710	6.4805	1.0	A
5021	30774.54	33 5S	25 38E	117.7	187.7	2.511	13.30	37.6	SO315	.01710	6.0847	0.8	V
9001	29152.54	76 15N	62 42E	78.9	207.8	0.629	-6.65	26.0	SO312	.07190	9.2601	0.6	V
9002	29155.54	76 14N	62 42E	79.7	207.4	0.629	-6.30	26.0	SO312	.07190	9.0705	0.4	A
9003	29234.74	70 51N	54 9E	78.5	200.0	1.113	-7.00	31.4	SO312	.03090	9.1941	1.0	F
9004	29240.34	70 51N	54 9E	78.3	199.6	1.113	-6.65	31.4	SO312	.03090	9.2436	1.0	A
9005	29263.94	68 58N	53 46E	80.6	198.2	1.332	16.45	33.3	SO312	.03090	9.0787	0.6	V
9006	29271.94	68 0N	53 48E	88.9	197.8	1.332	27.65	34.1	SO312	.03090	8.1469	0.6	F
9007	29275.14	68 0N	53 49E	88.0	197.6	1.332	28.00	34.1	SO312	.03090	8.3118	0.6	V
9008	29278.94	67 43N	53 8E	86.2	197.4	1.332	24.50	34.5	SO312	.03090	8.3943	0.6	F
9009	29282.14	67 42N	53 7E	85.1	197.2	1.332	24.50	34.5	SO312	.03090	8.6004	1.0	V
9010	29286.34	67 39N	53 4E	86.4	197.0	1.113	25.20	34.6	SO312	.03090	8.3695	0.6	A
9011	29382.34	61 2N	46 53E	76.2	193.4	1.810	0.00	40.7	SO312	.04090	9.4910	0.8	F
9012	29387.74	61 2N	46 54E	76.2	193.2	1.810	0.70	40.7	SO312	.04090	9.5075	1.0	A
9013	29403.74	60 1N	45 45E	77.3	192.8	1.810	-12.60	41.5	SO312	.04090	9.3673	0.8	A
9014	29447.74	56 5ON	44 32E	75.0	191.8	2.033	-6.65	44.5	SO312	.04090	9.7651	0.6	V
9015	29453.94	56 15N	44 4E	76.8	191.6	2.033	-12.25	45.0	SO312	.04090	9.4003	0.6	F
9016	29456.74	56 14N	44 4E	75.8	191.6	2.033	-11.90	45.0	SO312	.04090	9.6559	0.6	V
9017	29460.94	55 46N	43 54E	76.6	191.5	2.033	-11.55	45.4	SO312	.04090	9.4333	1.2	F
9018	29466.54	55 46N	43 54E	76.4	191.4	2.033	-10.85	45.4	SO312	.04090	9.4910	1.2	A
9019	29473.34	54 57N	43 21E	78.2	191.2	2.033	-17.15	46.1	SO312	.04090	9.2271	2.4	F
9020	29478.94	54 57N	43 21E	77.9	191.1	2.033	-16.45	46.1	SO312	.04090	9.3013	2.4	A
9021	29771.14	34 39N	37 39E	77.1	187.8	2.872	-13.30	62.4	SO312	.02200	9.3673	0.8	F
9022	29776.54	34 39N	37 39E	77.0	187.8	2.872	-12.60	62.4	SO312	.02200	9.4003	1.0	A
9023	29783.54	33 43N	37 13E	80.3	187.7	2.733	-21.70	62.8	SO312	.02200	8.9797	1.0	F
9024	29789.34	33 43N	37 14E	79.8	187.7	2.872	-20.65	62.9	SO312	.02200	9.0705	1.0	A
9025	29924.34	24 1N	35 28E	79.6	187.0	3.211	-13.30	68.1	SO312	.02200	9.0822	1.0	F
9026	29930.14	24 0N	35 28E	79.5	187.0	3.211	-12.25	68.2	SO312	.02200	9.0869	0.8	A
9027	30021.74	17 44N	34 3E	84.6	186.7	3.439	-21.35	69.5	SO312	.03090	8.5427	0.8	A
9028	30075.34	13 36N	33 39E	82.2	186.6	3.439	-9.10	69.8	SO312	.03090	8.7654	1.0	F
9029	30208.94	4 54N	31 37E	94.1	186.5	3.439	-26.60	66.9	SO312	.01680	7.6604	1.0	A
9030	30219.54	3 55N	31 39E	89.2	186.4	3.439	-19.95	66.6	SO312	.03090	8.1551	1.0	V
9031	30225.94	3 41N	31 46E	87.9	186.4	3.574	-13.30	66.7	SO312	.03090	8.1716	1.0	A
9032	30233.94	2 50N	32 17E	89.1	186.4	3.211	12.25	66.8	SO312	.01680	8.1634	1.0	V
9033	30344.34	4 31S	29 41E	106.3	186.5	3.211	-33.25	61.0	SO312	.02200	6.7121	1.0	F
9034	30348.14	4 30S	29 39E	106.1	186.5	3.211	-33.60	61.0	SO312	.02200	6.8193	0.8	V
9035	30352.34	4 31S	29 38E	107.5	186.5	3.439	-33.60	61.0	SO312	.03090	6.6874	0.6	A
9036	30358.94	5 0S	29 16E	114.8	186.5	3.211	-39.20	60.1	SO312	.02200	6.1926	1.0	F
9037	30368.94	6 0S	30 18E	92.3	186.5	3.439	-3.85	60.8	SO312	.03090	7.7428	1.0	A
9038	30383.94	7 17S	29 12E	107.5	186.5	3.211	-33.95	59.2	SO312	.02200	6.7368	1.0	V
9039	30467.54	13 4S	28 46E	98.1	186.6	3.439	-15.05	55.3	SO312	.03090	7.3718	0.8	V
9040	30471.14	13 4S	28 46E	99.4	186.6	3.439	-14.70	55.3	SO312	.03090	7.1904	0.8	A
9041	30526.14	16 55S	29 56E	122.6	186.7	2.170	32.55	53.1	SO312	.02200	5.7721	0.8	A
9042	30531.34	17 3S	29 19E	115.4	186.7	2.385	27.65	52.4	SO312	.02200	6.2421	1.0	V
9043	30545.74	18 3S	27 1E	119.4	186.8	3.211	-34.65	50.3	SO312	.02200	5.9452	1.2	F
9044	30554.74	18 4S	27 33E	106.0	186.8	3.574	-19.25	50.5	SO312	.03090	6.7286	1.0	A
9045	30565.94	19 2S	27 25E	106.4	186.8	3.574	-18.90	49.9	SO312	.03090	6.6956	1.0	A
9046	30588.54	21 1S	26 29E	120.3	186.9	3.211	-34.30	48.0	SO312	.02200	5.9782	1.0	V
9047	30601.94	22 1S	27 50E	106.9	186.9	2.872	9.45	48.2	SO312	.03090	6.6214	1.2	A
9048	30607.34	22 5S	27 53E	109.8	187.0	2.872	14.70	47.5	SO312	.03090	6.4977	1.2	F
9049	30614.34	22 5S	27 58E	112.2	187.0	2.733	17.50	47.6	SO312	.03090	6.2916	1.2	A
9050	30638.94	24 9S	25 56E	119.4	187.1	3.211	-30.45	45.2	SO312	.03090	6.0194	0.8	V
9051	30643.34	24 8S	25 56E	120.5	187.1	3.439	-30.10	45.2	SO312	.03090	5.9122	0.8	A
9052	30657.34	26 2S	27 26E	115.9	187.2	2.733	19.60	44.6	SO312	.03090	6.1514	0.6	F
9053	30661.54	26 2S	27 26E	115.3	187.2	2.511	20.30	44.6	SO312	.03090	5.2338	0.6	V
9054	30666.14	26 3S	27 5E	110.4	187.2	2.733	12.60	44.2	SO312	.03090	6.5059	0.6	V
9055	30670.14	26 3S	27 5E	112.2	187.2	2.733	12.95	44.2	SO312	.03090	6.2916	0.8	A
9056	30676.74	27 4S	26 48E	110.7	187.2	2.872	7.00	43.7	SO312	.03090	6.3823	0.8	A
9057	30680.74	27 2OS	26 39E	109.5	187.3	3.090	4.20	43.5	SO312	.03090	6.4565	1.0	A
9058	30685.94	27 2OS	26 41E	109.7	187.3	2.872	8.40	43.0	SO312	.03090	6.5472	1.0	V
9059	30690.74	28 2S	26 53E	114.3	187.3	2.872	14.35	43.0	SO312	.03090	6.1761	1.2	A
9060	30698.54	29 4S	26 12E	109.6	187.3	3.090	0.70	41.8	SO312	.03090	6.4895	0.8	F
9061	30702.54	29 4S	26 11E	108.6	187.4	3.090	0.70	41.8	SO312	.03090	6.6131	0.8	V
9062	30707.54	29 6S	26 0E	110.0	187.4	3.090	-3.50	41.7	SO312	.03090	6.4235	0.8	A
9063	30716.34	30 12S	25 16E	114.1	187.4	3.090	-17.50	40.5	SO312	.03090	6.2173	1.0	F
9064	30724.74	30 31S	25 32E	110.2	187.5	3.090	-8.40	40.4	SO312	.03090	6.5142	1.2	V
9065	30731.14	30 37S	25 22E	110.9	187.5	3.090	-10.50	39.9	SO312	.03090	6.4647	1.2	V
9066	30736.74	31 0S	25 43E	111.7	187.5	3.090	0.00	40.0	SO312	.03090	6.3163	1.4	A
9067	30743.94	31 0OS	25 3E	114.7	187.6	3.211	-15.05	39.4	SO312	.03090	6.1679	1.4	A
9068	30767.54	33 47S	25 41E	118.5	187.7	2.733	12.95	37.8	SO312	.03090	5.9947	0.8	F
9069	30769.74	33 56S	25 39E	118.7	187.7	2.733	12.95	37.6	SO312	.03090	5.9865	0.8	F

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
74 9070	30774.34	33 57S	25 38E	117.7	187.7	2.511	13.30	37.6	S0312	.03090	6.0454	0.8	V
9071	30778.74	33 57S	25 38E	119.6	187.8	2.511	13.65	37.6	S0312	.03090	5.8875	0.8	A
75 5001	35231.94	24 12N	14 33E	93.3	187.0	2.385	30.45	69.0	S0315	.01710	7.7007	0.4	A
9001	34359.34	81 10N	64 28E	84.7	229.8	0.417	16.10	20.1	S0312	.04090	8.5180	0.6	F
9002	34362.34	81 10N	64 29E	83.6	228.8	0.417	16.10	20.1	S0312	.04090	8.7406	0.8	V
9003	34378.34	80 58N	58 4E	80.1	223.7	0.417	4.20	21.0	S0312	.04090	9.1199	0.6	V
9004	34381.34	80 58N	58 2E	80.9	222.8	0.417	4.20	21.0	S0312	.04090	8.9303	0.6	A
9005	34715.14	59 23N	24 7E	75.5	192.7	1.810	4.90	42.2	S0312	.04090	9.6972	0.4	V
9006	34717.94	59 23N	24 7E	76.4	192.6	1.810	5.25	42.3	S0312	.04090	9.4663	0.4	A
9007	34743.94	57 19N	22 37E	76.0	192.0	1.810	-7.35	44.1	S0312	.04090	9.4992	0.6	F
9008	34749.34	57 19N	22 37E	75.9	191.9	2.033	-7.00	44.1	S0312	.04090	9.5405	0.6	A
9009	34872.14	48 55N	19 23E	75.3	189.8	2.385	-7.70	51.7	S0312	.02200	9.5982	0.6	F
9010	34874.94	48 55N	19 22E	74.4	189.7	2.385	-7.35	51.7	S0312	.02200	9.8456	0.6	V
9011	34952.94	43 8N	17 27E	78.3	188.8	2.385	-18.20	56.1	S0312	.04090	9.2189	1.0	F
9012	34963.34	42 26N	18 31E	81.8	188.7	2.385	22.05	57.0	S0312	.02200	8.9468	0.6	V
9013	34966.34	42 26N	18 31E	83.0	188.7	2.385	22.40	57.1	S0312	.02200	8.6829	0.6	A
9014	35108.34	32 24N	15 13E	76.7	187.6	2.872	-7.35	63.9	S0312	.04090	9.4250	0.4	F
9015	35113.94	32 24N	15 13E	76.7	187.6	2.872	-6.65	64.0	S0312	.04090	9.4250	0.4	A
9016	35152.94	29 21N	14 15E	80.3	187.4	2.872	-19.60	65.5	S0312	.03090	8.9797	1.0	F
9017	35181.74	27 44N	14 16E	77.4	187.2	3.090	-5.60	66.7	S0312	.03090	9.3343	1.0	A
9018	35196.94	26 36N	13 10E	91.8	187.2	2.733	-35.70	66.6	S0312	.01680	7.9572	0.6	V
9019	35200.34	26 36N	13 10E	92.6	187.2	2.733	-35.35	66.6	S0312	.01680	7.8253	0.4	A
9020	35250.74	22 36N	12 50E	83.3	187.0	3.090	-22.75	68.4	S0312	.03090	8.6499	1.0	F
76 9001	40163.14	49 46N	1 52W	75.3	190.0	2.170	7.35	50.9	S0312	.04090	9.7219	0.6	V
9002	40165.94	49 42N	1 52W	76.3	189.9	2.170	7.70	50.9	S0312	.04090	9.4828	0.6	A
9003	40255.14	43 20N	2 59W	89.2	188.9	2.033	31.15	56.5	S0312	.03090	8.2129	0.6	V
9004	40258.34	43 20N	2 59W	90.6	188.8	2.033	31.50	56.5	S0312	.03090	7.9572	0.6	A
9005	40341.14	37 25N	5 59W	77.6	188.1	2.733	-15.40	60.4	S0312	.03090	9.3096	0.8	F
9006	40346.74	37 25N	5 59W	77.4	188.1	2.872	-14.70	60.5	S0312	.03090	9.3508	0.8	A
9007	40392.94	34 3N	6 49W	78.0	187.8	2.872	-17.85	62.7	S0312	.03090	9.3756	0.8	V
9008	40395.94	34 3N	6 49W	78.8	187.7	2.872	-17.50	62.7	S0312	.03090	9.1777	0.6	A
9009	40484.74	27 44N	8 9W	79.1	187.3	3.090	-18.20	66.4	S0312	.02200	9.2554	1.0	V
9010	40618.54	18 29N	9 30W	79.2	186.8	3.211	-1.40	69.9	S0312	.03090	9.2106	1.0	V
9011	40643.54	16 45N	9 38W	80.9	186.7	3.211	6.65	70.2	S0312	.03090	9.0127	1.0	V
9012	40664.54	15 10N	10 34W	84.9	186.7	3.211	-19.60	69.7	S0312	.01680	8.4685	0.8	F
9013	40683.74	13 50N	10 50W	86.1	186.6	3.211	-21.00	69.5	S0312	.01680	8.3448	0.8	F
9014	40694.14	13 17N	10 30W	81.2	186.6	3.439	-3.85	69.9	S0312	.03090	8.9715	1.2	V
9015	40704.74	12 52N	11 15W	91.5	186.6	3.439	-28.70	69.2	S0312	.01680	7.8830	0.6	A
78 9001	52105.33	41 33S	65 22W	120.0	188.6	2.733	-4.90	30.2	S0312	.03090	5.8957	0.8	F
9002	52114.13	41 33S	65 20W	120.6	188.6	2.733	-3.50	30.3	S0312	.03090	5.8298	1.0	A
9003	52129.53	43 16S	65 4W	124.8	188.8	2.385	10.85	28.9	S0312	.03090	5.6649	1.2	F
9004	52138.33	43 12S	65 19W	123.5	188.9	2.385	6.30	28.9	S0312	.03090	5.6813	1.0	A
9005	52143.93	43 52S	65 40W	121.2	188.9	2.511	2.45	28.2	S0312	.03090	5.8375	1.0	V
9006	52152.93	44 7S	66 10W	122.9	189.0	2.733	-5.95	27.8	S0312	.03090	5.7143	1.0	A
79 9001	54968.33	53 25N	102 38E	137.8	349.3	-1.685	-44.45	-20.0	S0312	.29770	5.2608	1.0	V
9002	56799.13	0 11S	78 29W	97.2	186.4	3.090	20.65	65.3	S0312	.02200	7.4213	0.6	F
9003	56802.53	0 11S	78 28W	96.9	186.4	2.872	21.70	65.3	S0312	.02200	7.5037	0.8	V
9004	56869.13	4 31S	81 13W	120.2	186.4	3.090	-43.40	60.8	S0312	.01680	6.0277	0.8	V
9005	56873.53	4 31S	81 13W	120.7	186.5	3.439	-43.05	60.9	S0312	.01680	5.9617	0.8	A
81 5001	66910.94	33 57N	116 51W	75.8	187.8	2.872	-0.35	63.2	S0315	.01710	9.5558	0.6	F
5002	66916.34	33 57N	116 51W	76.1	187.7	2.872	0.70	63.2	S0315	.01710	9.5229	0.6	A
9001	66910.74	33 57N	116 51W	75.9	187.8	2.872	-0.35	63.2	S0312	.03090	9.5570	0.8	F
9002	66916.34	33 57N	116 51W	76.0	187.7	2.872	0.70	63.2	S0312	.03090	9.5240	0.6	A
9003	66931.14	32 42N	117 1W	77.0	187.6	2.872	4.90	64.2	S0312	.03090	9.4085	0.4	F
9004	66933.74	32 33N	117 1W	76.3	187.6	2.872	5.25	64.2	S0312	.03090	9.5982	0.6	V
9005	66936.54	32 33N	117 2W	77.3	187.6	2.872	5.60	64.2	S0312	.03090	9.3508	0.6	A
9006	66946.34	31 50N	116 36W	87.2	187.6	2.385	25.90	65.0	S0312	.03090	8.2541	0.8	A
85 5001	1419.53	58 34N	163 35E	90.1	192.5	2.033	25.55	43.3	S0315	.03150	8.0388	0.4	F
5002	1422.73	58 34N	163 35E	89.4	192.4	1.810	26.25	43.3	S0315	.03150	8.1954	0.6	V
5003	1430.93	57 58N	162 3E	79.4	192.2	2.033	0.70	43.7	S0315	.02260	9.0941	0.6	F
5004	1433.93	57 57N	162 2E	78.5	192.2	2.033	0.70	43.7	S0315	.02260	9.3167	0.4	V
5005	1450.73	56 50N	161 29E	77.9	191.8	2.033	-0.35	44.7	S0315	.01710	9.3909	0.4	V
5006	1453.53	56 50N	161 28E	78.8	191.7	2.033	-0.35	44.7	S0315	.01710	9.1931	0.4	A
5007	1458.73	56 20N	160 52E	78.5	191.6	2.033	-9.80	45.1	S0315	.01710	9.3167	0.6	V
5008	1461.53	56 20N	160 51E	79.4	191.6	2.033	-9.80	45.1	S0315	.01710	9.1189	0.6	A
5009	1472.73	55 27N	161 44E	84.7	191.3	2.033	19.95	46.1	S0315	.01710	8.5417	0.6	A
5010	1519.33	52 16N	158 27E	87.0	190.5	1.810	-29.75	48.5	S0315	.02260	8.4015	0.8	V
5011	1522.53	52 16N	158 28E	87.7	190.5	1.810	-29.40	48.5	S0315	.02260	8.2779	0.8	A
9001	1430.93	57 50N	162 3E	79.5	192.2	2.033	0.70	43.7	S0312	.03090	9.0952	0.8	F
9002	1437.33	57 32N	161 48E	79.2	192.1	2.033	-0.35	44.1	S0312	.04090	9.1199	3.8	F
9003	1444.93	57 24N	161 45E	79.1	191.9	2.033	0.35	44.2	S0312	.04090	9.1529	1.8	A
9004	1450.53	56 50N	161 29E	77.9	191.8	2.033	-0.35	44.7	S0312	.04090	9.3920	0.4	V
9005	1453.53	56 50N	161 28E	78.8	191.7	2.033	-0.35	44.7	S0312	.04090	9.1941	0.4	A

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
85 9006	1458.93	56 19N	160 51E	78.5	191.6	2.033	-9.80	45.1	SO312	.03090	9.3178	0.6	V
9007	1461.73	56 19N	160 51E	79.4	191.6	2.033	-9.80	45.1	SO312	.02200	9.1199	0.6	A
9008	1503.13	53 12N	158 29E	96.9	190.6	1.475	-55.00	47.6	SO312	.02200	7.6521	0.6	F
9009	1506.53	53 12N	158 28E	92.9	190.7	1.687	-35.35	47.6	SO312	.02200	7.8748	0.6	V
9010	1509.73	52 59N	158 26E	92.0	190.7	1.687	-34.65	47.8	SO312	.02200	7.9490	0.4	V
9011	1513.13	52 56N	158 26E	92.7	190.6	1.687	-34.30	47.9	SO312	.02200	7.8336	0.4	A
9012	2730.53	30 49S	143 5E	107.1	187.5	2.385	16.55	40.4	SO312	.02200	6.5967	1.4	A
86 9001	6842.93	50 55N	136 51E	77.3	190.3	2.170	-6.30	49.9	SO315	.01710	9.3415	0.6	F
9002	6845.73	50 55N	136 51E	76.4	190.2	2.170	-5.95	49.9	SO315	.01710	9.5906	0.6	V
9003	6850.53	50 55N	137 4E	76.5	190.1	2.170	3.50	50.3	SO315	.03150	9.5723	0.4	V
9004	6853.33	50 55N	137 4E	77.4	190.1	2.170	3.85	50.3	SO315	.03150	9.3662	0.4	A
9005	6858.73	50 5N	136 28E	76.4	190.0	2.170	-6.40	50.7	SO315	.03150	9.5723	0.6	V
9006	6861.53	50 5N	136 28E	77.3	190.0	2.170	-6.05	50.7	SO315	.03150	9.3909	0.6	A
9007	6881.13	48 53N	135 3E	88.3	189.7	1.810	-31.50	51.8	SO315	.01710	8.1295	0.6	F
9008	6884.33	48 52N	135 3E	87.0	189.7	1.810	-31.15	51.8	SO315	.01710	8.3933	0.4	V
9009	6936.73	44 49N	135 50E	84.4	189.1	2.511	23.45	55.7	SO315	.02260	8.6159	0.4	F
9010	6943.53	43 58N	135 28E	80.3	189.0	2.511	17.15	56.0	SO315	.02260	9.0364	0.6	F
9011	6946.53	43 57N	135 28E	79.6	188.9	2.511	17.50	56.0	SO315	.02260	9.2178	0.6	V
9001	6880.93	48 54N	135 3E	88.4	189.7	1.810	-31.50	51.8	SO312	.03090	8.1304	0.8	F
9002	6884.13	48 54N	135 4E	87.0	189.7	1.810	-31.15	51.8	SO312	.03090	8.3943	0.6	V
9003	6957.33	43 7N	134 19E	76.6	188.8	2.511	-12.25	56.3	SO312	.04090	9.4250	0.4	F
9004	6960.13	43 7N	134 19E	75.6	188.8	2.511	-11.90	56.4	SO312	.04090	9.6889	0.4	V
9005	6962.73	43 6N	134 19E	76.3	188.8	2.511	-11.55	56.3	SO312	.04090	9.4992	0.6	A
9006	7130.13	31 17N	131 5E	82.2	187.5	2.733	-28.00	64.5	SO312	.03090	8.7756	0.8	F
9007	7133.13	31 17N	131 5E	80.9	187.5	2.733	-27.65	64.5	SO312	.03090	9.0540	0.8	V
9008	7145.33	30 26N	130 59E	79.5	187.5	2.733	-25.20	65.0	SO312	.03090	9.2189	0.6	V
9009	7148.33	30 25N	130 59E	80.2	187.4	2.733	-24.85	65.1	SO312	.03090	9.0622	0.8	A
87 5001	12214.13	46 43N	113 17E	75.4	189.4	2.385	-9.80	53.4	SO315	.02260	9.7125	0.6	V
5002	12217.73	46 41N	113 18E	76.0	189.3	2.385	-8.40	53.5	SO315	.02260	9.5558	0.6	A
5003	12506.13	26 54N	109 35E	88.3	187.2	2.511	31.15	68.1	SO315	.02260	8.3109	0.4	V
5004	12509.33	26 54N	109 35E	89.8	187.2	2.511	31.50	68.1	SO315	.01710	8.0853	0.4	A
5005	12727.73	11 24N	106 4E	77.1	186.6	3.211	7.70	69.9	SO315	.01710	9.4981	0.6	V
5006	12730.53	11 24N	106 4E	78.2	186.6	3.211	8.05	69.9	SO315	.01710	9.2425	0.6	A
5007	12743.13	10 7N	105 43E	77.0	186.5	3.439	1.05	69.5	SO315	.02260	9.3309	0.6	F
5008	12746.93	10 2N	105 45E	76.7	186.5	3.439	3.85	69.5	SO315	.02260	9.5476	0.6	V
5009	12749.73	10 2N	105 45E	77.7	186.5	3.439	4.20	69.5	SO315	.02260	9.3003	0.6	A
5010	12870.93	1 26N	103 50E	81.2	186.4	3.439	-14.00	65.4	SO315	.02260	8.8880	0.4	F
5011	12873.73	1 26N	103 50E	80.5	186.4	3.439	-14.00	65.4	SO315	.02260	9.0776	0.6	V
5012	12876.73	1 26N	103 49E	81.5	186.4	3.439	-13.65	65.4	SO315	.02260	8.8715	0.6	A
9001	11964.13	63 45N	121 35E	83.4	194.6	1.475	11.55	38.5	SO312	.03090	8.6664	0.8	A
9002	12139.33	51 43N	114 0E	88.5	190.4	1.687	-30.80	49.0	SO312	.03090	8.1304	0.6	F
9003	12142.53	51 43N	113 59E	87.4	190.4	1.687	-30.50	49.0	SO312	.03090	8.3613	0.6	V
9004	12148.93	51 42N	113 4E	105.3	190.3	1.475	-44.80	49.1	SO312	.02200	6.9182	0.6	V
9005	12152.73	51 42N	113 3E	106.4	190.2	1.475	-44.80	49.1	SO312	.02200	6.7946	0.6	A
9006	12191.73	48 10N	114 39E	80.0	189.7	2.385	17.50	52.5	SO312	.03090	9.1529	0.8	V
9007	12194.73	48 10N	114 39E	81.1	189.6	2.385	17.85	52.5	SO312	.03090	8.9138	2.0	A
9008	12297.73	40 49N	111 59E	74.5	188.5	2.733	0.70	58.3	SO312	.04090	9.7136	1.4	F
9009	12302.93	40 49N	111 59E	74.6	188.5	2.733	1.75	58.3	SO312	.04090	9.7136	1.6	A
9010	12322.33	39 7N	111 32E	74.1	188.3	2.872	0.00	59.6	SO312	.04090	9.7631	0.4	F
9011	12324.93	39 7N	111 32E	73.3	188.3	2.872	0.35	59.6	SO312	.04090	10.0023	0.4	V
9012	12327.73	39 7N	111 32E	74.1	188.3	2.872	0.70	59.6	SO312	.04090	9.7714	0.4	A
9013	12331.73	38 59N	111 14E	74.1	188.2	2.872	-5.25	60.0	SO312	.03090	9.7631	0.8	F
9014	12337.13	38 59N	111 14E	74.0	188.2	2.872	-4.20	60.0	SO312	.04090	9.7961	0.6	A
9015	12742.93	10 7N	105 43E	77.1	186.5	3.439	1.05	69.5	SO312	.02200	9.3920	0.8	F
88 5001	17255.52	64 19N	100 17E	86.2	195.1	1.687	17.50	38.0	SO315	.01710	8.3768	0.8	F
5002	17262.32	64 8N	99 33E	81.2	194.9	1.475	8.05	38.1	SO315	.02260	8.9869	0.8	V
5003	17265.32	64 8N	99 34E	82.2	194.7	1.475	8.40	38.1	SO315	.02260	8.7891	0.8	A
5004	17581.12	42 57N	89 8E	91.7	188.7	2.033	-36.40	56.2	SO315	.01710	7.9233	1.0	A
5005	17606.92	40 49N	89 50E	73.7	188.5	2.733	-0.70	58.3	SO315	.02260	9.9434	0.6	V
5006	17609.72	40 49N	89 49E	74.6	188.5	2.733	-0.35	58.3	SO315	.02260	9.7290	0.6	A
5007	17896.52	20 55N	85 11E	75.5	186.9	3.211	-15.05	69.3	SO315	.02260	9.6960	0.6	V
5008	17899.32	20 55N	85 11E	76.4	186.9	3.211	-14.70	69.3	SO315	.02260	9.5064	0.6	A
9001	17262.32	64 8N	99 33E	81.2	194.9	1.475	8.05	38.2	SO312	.04090	8.9880	0.8	V
9002	17265.32	64 8N	99 33E	82.2	194.7	1.475	8.40	38.2	SO312	.04090	8.7901	0.8	A
9003	17604.32	40 48N	89 49E	74.6	188.5	2.733	-1.05	58.3	SO312	.03090	9.6372	0.4	F
9004	17606.92	40 49N	89 49E	73.7	188.5	2.733	-0.70	58.3	SO312	.03090	9.9445	0.6	V
9005	17916.72	19 20N	84 58E	75.9	186.8	3.211	-11.90	69.7	SO312	.03090	9.5240	0.8	F
9006	17922.12	19 20N	84 58E	75.7	186.8	3.439	-11.20	69.7	SO312	.03090	9.5652	0.8	A
89 5001	22614.12	60 55N	76 30E	89.9	193.4	1.687	26.25	41.2	SO315	.01710	8.1377	0.6	V
5002	22617.32	60 55N	76 31E	91.3	193.3	1.475	26.95	41.2	SO315	.01710	7.9233	0.6	A
5003	23034.72	32 56N	65 53E	74.2	187.6	3.090	3.85	64.2	SO315	.01710	9.7785	0.6	A
5004	23047.92	31 51N	65 53E	75.7	187.5	2.872	12.60	65.1	SO315	.01710	9.6713	0.6	V
5005	23050.72	31 51N	65 52E	76.6	187.5	2.872	12.60	65.1	SO315	.01710	9.4487	0.6	A
5006	23085.52	28 47N	64 54E	73.5	187.4	3.090	-3.50	66.4	SO315	.01710	9.8609	0.4	F
5007	23088.12	28 47N	64 54E	72.7	187.3	3.090	-3.15	66.4	SO315	.02260	10.0918	0.4	V
9001	22479.92	70 5N	83 13E	87.2	199.1	1.113	15.40	32.5	SO312	.03090	8.2788	0.4	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
89 9002	22491.12	69 15N	81 31E	82.7	198.4	1.332	4.90	33.3	S0312	.0541U	8.8231	0.8	V
9003	22494.12	69 15N	81 31E	83.6	198.2	1.113	5.25	33.3	S0312	.0409U	8.6334	0.8	A
9004	22540.32	65 59N	76 55E	87.9	196.0	1.113	-22.05	36.3	S0312	.0309U	8.1716	1.0	F
9005	22958.12	37 49N	67 32E	80.1	188.1	2.733	20.30	61.0	S0312	.0309U	9.1529	0.8	V
9006	22961.12	37 49N	67 32E	81.0	188.1	2.511	20.65	61.0	S0312	.0220U	8.9138	0.8	A
9007	23026.32	32 56N	66 39E	84.2	187.7	2.511	28.00	64.4	S0312	.0309U	8.7159	1.0	V
9008	23043.32	31 59N	65 46E	74.7	187.6	3.090	6.30	64.9	S0312	.0309U	9.7054	0.8	F
9009	23047.92	31 59N	65 53E	75.7	187.5	2.872	12.60	65.1	S0312	.0309U	9.6724	0.4	V
9010	23050.92	31 59N	65 52E	76.6	187.5	2.872	12.60	65.1	S0312	.0309U	9.4498	0.4	A
9011	23136.52	25 19N	63 21E	88.1	187.1	2.733	-34.65	67.4	S0312	.0309U	8.1799	0.8	F
90 9001	28005.32	55 20N	50 30E	78.4	191.3	2.033	8.05	46.2	S0315	.0315U	9.3352	0.6	V
9002	28039.32	53 1N	49 47E	78.5	190.7	2.170	10.50	48.3	S0315	.0315U	9.3250	0.6	V
9003	28042.12	53 1N	49 48E	79.5	190.7	2.170	10.85	48.3	S0315	.0315U	9.1106	0.6	A
9004	28185.32	43 15N	46 42E	78.6	188.8	2.511	14.00	56.6	S0315	.0226U	9.2178	0.6	A
9005	28198.52	42 5N	45 13E	81.0	188.7	2.385	-24.50	57.1	S0315	.0226U	8.9127	0.6	F
9006	28203.52	41 45N	44 58E	83.9	188.6	2.170	-28.70	57.3	S0315	.0226U	8.5829	0.6	F
9007	28215.52	41 21N	44 45E	85.9	188.5	2.385	-31.50	57.6	S0315	.0226U	8.4675	0.6	A
9008	28223.52	40 42N	44 38E	83.4	188.5	2.170	-29.05	58.3	S0315	.0226U	8.6324	0.6	F
9009	28224.92	40 17N	44 36E	83.4	188.4	2.170	-29.05	58.4	S0315	.0226U	8.6324	0.8	F
9010	28228.32	40 15N	44 33E	83.1	188.4	2.385	-30.10	58.4	S0315	.0226U	8.8056	1.6	V
9011	28232.72	40 10N	44 29E	84.9	188.4	2.385	-31.15	58.5	S0315	.0226U	8.5664	0.8	A
9012	28582.32	15 59N	39 29E	89.1	186.7	2.872	-34.30	69.4	S0315	.0171U	8.0717	0.8	F
9013	28589.32	15 57N	39 27E	89.1	186.7	3.090	-34.30	69.4	S0315	.0171U	8.1542	0.8	A
9014	28679.92	9 5N	38 46E	77.9	186.5	3.439	-17.85	68.8	S0315	.0226U	9.3827	0.6	V
9015	28682.72	9 5N	38 46E	78.8	186.5	3.439	-17.50	68.8	S0315	.0226U	9.1951	0.8	A
9016	29098.12	19 47S	34 50E	102.3	186.8	2.511	24.50	50.2	S0315	.0226U	7.0946	0.6	V
9017	29101.92	19 47S	34 50E	104.2	186.8	2.511	24.85	50.2	S0315	.0226U	6.8515	0.6	A
9001	27870.32	64 12N	55 17E	81.9	195.0	1.687	5.95	38.1	S0312	.0309U	8.8066	0.8	F
9002	27876.12	64 12N	55 18E	81.8	194.8	1.475	6.65	38.1	S0312	.0309U	8.8313	1.0	A
9003	27951.72	59 14N	49 27E	109.7	192.5	0.986	-44.80	42.3	S0312	.0220U	6.6461	0.6	V
9004	27955.72	59 14N	49 28E	110.2	192.4	1.332	-44.80	42.3	S0312	.0220U	6.5307	0.6	A
9005	27976.52	57 15N	50 5E	84.7	191.9	1.687	-23.10	44.3	S0312	.0409U	8.4352	0.4	F
9006	27987.92	56 16N	51 17E	81.6	191.7	2.170	13.30	45.4	S0312	.0541U	8.8726	0.6	F
9007	27990.92	56 16N	51 17E	80.7	191.6	2.170	13.65	45.4	S0312	.0541U	9.0787	0.4	V
9008	27993.92	56 16N	51 17E	81.7	191.6	2.170	14.00	45.5	S0312	.0541U	8.8561	0.4	A
9009	28019.92	54 15N	49 29E	78.6	191.1	2.033	-9.45	47.1	S0312	.0409U	9.1859	0.8	F
9010	28025.52	54 15N	49 30E	78.3	191.0	2.170	-8.75	47.1	S0312	.0409U	9.2436	1.0	A
9011	28032.12	53 24N	49 6E	78.8	190.8	2.033	-11.55	47.8	S0312	.0409U	9.1529	0.4	F
9012	28039.12	53 1N	49 48E	78.5	190.7	2.170	10.50	48.3	S0312	.0409U	9.3261	0.8	V
9013	28042.12	53 1N	49 47E	79.5	190.7	2.170	10.85	48.3	S0312	.0409U	9.1117	0.6	A
9014	28055.12	51 50N	48 34E	78.2	190.5	2.170	-10.85	49.2	S0312	.0409U	9.2271	0.8	F
9015	28060.72	51 50N	48 34E	77.9	190.4	2.170	-10.15	49.2	S0312	.0409U	9.2951	0.8	A
9016	28069.52	49 27N	48 10E	76.8	189.9	2.385	0.70	51.3	S0312	.0409U	9.4168	0.8	F
9017	28095.12	49 27N	48 10E	76.7	189.9	2.385	1.40	51.3	S0312	.0409U	9.4333	0.6	A
9018	28105.92	48 22N	47 32E	76.8	189.7	2.385	-7.70	52.2	S0312	.0409U	9.4085	0.8	F
9019	28111.32	48 22N	47 32E	76.6	189.6	2.385	-7.00	52.2	S0312	.0409U	9.4580	1.0	A
9020	28119.32	47 27N	47 16E	76.5	189.5	2.385	-7.35	52.9	S0312	.0409U	9.4415	0.8	F
9021	28124.72	47 27N	47 16E	76.3	189.5	2.511	-6.65	52.9	S0312	.0409U	9.4910	1.0	A
9022	28204.12	41 42N	44 57E	84.1	188.6	2.170	-28.70	57.3	S0312	.0220U	8.5839	1.2	F
9023	28210.12	41 42N	44 57E	83.6	188.6	2.385	-28.35	57.3	S0312	.0220U	8.6911	1.2	A
9024	28229.12	40 12N	44 32E	83.4	188.4	2.385	-30.10	58.5	S0312	.0309U	8.8066	0.6	V
9025	28465.72	24 0N	41 2E	86.6	187.0	2.872	-33.60	67.9	S0312	.0168U	8.3860	0.6	A
9026	28497.32	21 51N	40 33E	87.3	186.9	2.733	-34.30	68.7	S0312	.0168U	8.2541	0.8	F
9027	28500.52	21 51N	40 33E	85.9	186.9	2.733	-33.95	68.7	S0312	.0168U	8.5180	0.6	V
9028	28524.52	19 47N	40 50E	75.0	186.8	3.211	-11.90	69.6	S0312	.0309U	9.7549	1.0	V
9029	28585.72	15 56N	39 27E	88.5	186.7	2.872	-34.65	69.4	S0312	.0168U	8.2459	0.6	V
9030	28618.52	13 54N	39 32E	77.7	186.6	3.439	-18.20	69.7	S0312	.0309U	9.3178	1.0	A
9031	28776.52	2 55N	37 57E	79.5	186.4	3.439	-3.85	66.2	S0312	.0309U	9.0705	1.0	A
9032	28802.72	0 22N	37 36E	80.0	186.4	3.439	-3.50	65.0	S0312	.0309U	9.0292	1.0	F
9033	28810.52	0 20N	36 57E	88.3	186.4	3.439	-28.35	64.4	S0312	.0309U	8.1881	1.0	A
9034	29219.32	27 58S	32 27E	96.7	187.3	3.090	-1.75	42.5	S0312	.0309U	7.4707	0.8	V
9035	29222.92	27 59S	32 27E	98.1	187.3	3.090	-1.05	42.5	S0312	.0309U	7.2563	0.8	A
9036	29237.92	29 9S	31 25E	105.0	187.4	3.211	-24.50	41.1	S0312	.0309U	6.8770	0.6	V
9037	29242.72	29 44S	31 4E	111.8	187.4	3.211	-30.45	40.4	S0312	.0409U	6.3698	3.2	F
9038	29248.52	29 51S	31 4E	109.8	187.4	3.211	-29.40	40.4	S0312	.0409U	6.5719	0.6	V
9039	29252.52	29 56S	31 3E	111.5	187.4	3.211	-29.40	40.4	S0312	.0409U	6.4070	1.0	A
91 5001	34331.72	14 54S	13 35E	98.0	186.7	2.872	24.50	54.3	S0315	.0171U	7.4204	0.8	V
5002	34346.72	15 41S	14 6E	122.8	186.7	1.810	41.30	54.0	S0315	.0133U	5.8126	1.0	A
9001	32906.52	81 11N	64 27E	88.8	225.5	0.286	-10.15	20.8	S0312	.0409U	8.1881	0.8	V
9002	32909.92	81 10N	64 26E	89.7	224.5	0.286	-9.80	20.8	S0312	.0409U	8.0252	0.8	A
9003	33165.92	64 57N	34 18E	84.2	195.4	1.475	15.75	37.5	S0312	.0309U	8.6829	0.8	V
9004	33169.12	64 57N	34 18E	85.3	195.2	1.475	16.10	37.5	S0312	.0309U	8.4767	0.8	A
9005	33234.52	60 19N	30 12E	80.0	193.1	1.687	-7.00	41.7	S0312	.0409U	9.0127	0.6	F
9006	33237.32	60 19N	30 11E	79.0	193.0	1.687	-7.00	41.7	S0312	.0409U	9.2519	0.6	V
9007	33241.52	59 59N	30 10E	79.5	192.9	1.687	-2.45	42.1	S0312	.0409U	9.0705	2.4	F
9008	33247.32	59 49N	30 11E	79.4	192.8	1.687	-1.40	42.2	S0312	.0409U	9.1117	0.8	A
9009	33251.32	59 34N	29 56E	79.3	192.7	1.687	-3.85	42.4	S0312	.0409U	9.1199	0.4	A
9010	33256.12	58 49N	29 51E	79.3	192.5	1.810	1.75	43.1	S0312	.0409U	9.1034	1.2	F
9011	33259.52	58 47N	29 50E	78.4	192.5	1.810	2.10	43.1	S0312	.0409U	9.3343	0.8	V
9012	33262.52	58 46N	29 50E	79.2	192.4	1.810	2.45	43.1	S0312	.0409U	9.1282	0.6	A
9013	33272.32	57 50N	28 19E	84.1	192.1	1.607	-21.70	43.8	S0312	.0409U	8.5592	0.6	F
9014	33279.12	57 21N	28 26E	80.8	192.0	1.810	-14.70	44.3	S0312	.0409U	8.9138	1.0	F

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
91 9015	33284.92	57 21N	28 26E	80.4	191.9	1.810	-14.00	44.3	S0312	.04090	8.9962	1.0	A
9016	33294.72	56 15N	28 19E	78.6	191.7	2.033	-6.65	45.3	S0312	.04090	9.1777	1.0	F
9017	33300.52	56 15N	28 19E	78.4	191.5	2.033	-5.95	45.4	S0312	.04090	9.2354	0.6	A
9018	33308.52	55 27N	28 35E	78.5	191.4	2.033	8.40	46.2	S0312	.04090	9.3261	0.8	V
9019	33314.52	54 50N	28 47E	81.8	191.3	2.033	17.50	46.6	S0312	.04090	8.9468	0.6	V
9020	33317.52	54 50N	28 47E	82.9	191.2	2.034	17.85	46.6	S0312	.04090	8.7159	0.6	A
9021	33327.92	53 59N	27 39E	77.7	191.0	2.170	-0.35	47.4	S0312	.04090	9.3013	1.0	F
9022	33331.12	53 57N	27 39E	76.7	190.9	2.170	0.00	47.4	S0312	.04090	9.5522	0.6	V
9023	33339.12	53 42N	28 11E	82.5	190.8	2.170	17.85	47.9	S0312	.04090	8.7654	0.6	A
9024	33355.12	52 14N	27 50E	83.4	190.5	2.170	21.35	49.1	S0312	.04090	8.7818	0.6	V
9025	33367.72	51 21N	25 54E	81.6	190.3	2.033	-21.00	49.5	S0312	.04090	8.8396	0.6	F
9026	33370.52	51 22N	25 54E	80.4	190.3	2.033	-20.65	49.5	S0312	.04090	9.1034	0.6	V
9027	33380.52	50 22N	26 40E	78.3	190.1	2.385	8.75	50.6	S0312	.04090	9.2436	0.8	F
9028	33386.12	50 22N	26 40E	78.3	190.1	2.385	9.45	50.6	S0312	.04090	9.2271	0.8	A
9029	33393.12	49 59N	26 50E	81.9	190.0	2.170	20.30	51.3	S0312	.04090	8.9550	1.4	V
9030	33401.32	49 0N	25 45E	76.4	189.8	2.385	-4.55	51.7	S0312	.04090	9.4663	0.8	F
9031	33406.72	49 1N	25 45E	76.2	189.8	2.385	-3.85	51.7	S0312	.04090	9.4992	0.8	A
9032	33413.92	48 17N	25 57E	76.7	189.7	2.385	8.75	52.4	S0312	.04090	9.5487	0.6	V
9033	33416.72	48 17N	25 57E	77.6	189.6	2.385	9.10	52.4	S0312	.04090	9.3096	0.6	A
9034	33453.32	45 24N	25 5E	76.9	189.2	2.511	9.10	54.8	S0312	.02200	9.4250	0.8	F
9035	33454.92	45 18N	25 3E	77.0	189.2	2.511	9.10	54.9	S0312	.02200	9.4085	0.6	F
9036	33459.52	44 59N	24 59E	77.3	189.1	2.511	9.80	55.2	S0312	.02200	9.3838	0.8	F
9037	33464.92	44 50N	24 59E	77.4	189.1	2.511	10.50	55.2	S0312	.02200	9.3508	1.0	A
9038	33472.92	44 7N	24 22E	75.5	189.0	2.511	-1.75	55.8	S0312	.04090	9.5300	0.4	F
9039	33478.52	43 46N	23 48E	78.1	188.9	2.385	-17.15	55.9	S0312	.03090	9.2436	0.6	F
9040	33481.32	43 46N	23 47E	77.0	188.9	2.385	-16.80	55.9	S0312	.04090	9.5075	0.6	V
9041	33484.12	43 46N	23 47E	77.7	188.9	2.385	-16.45	55.9	S0312	.04090	9.3261	0.6	A
9042	33492.92	42 47N	23 35E	76.9	188.8	2.511	-15.40	56.7	S0312	.04090	9.3838	0.4	F
9043	33495.52	42 48N	23 36E	75.8	188.8	2.511	-15.05	56.7	S0312	.04090	9.6477	0.6	V
9044	33500.92	42 24N	23 40E	74.3	188.7	2.511	-9.45	57.0	S0312	.04090	9.8538	0.4	V
9045	33503.72	42 24N	23 39E	75.1	188.7	2.733	-9.45	57.1	S0312	.04090	9.6559	0.4	A
9046	33508.32	41 55N	23 39E	73.9	188.6	2.733	-5.60	57.5	S0312	.02200	9.9198	0.6	V
9047	33511.12	41 55N	23 39E	74.7	188.6	2.733	-5.25	57.5	S0312	.02200	9.7054	0.6	A
9048	33526.72	40 40N	22 58E	76.8	188.5	2.511	-17.85	58.3	S0312	.03090	9.5240	0.6	V
9049	33529.52	40 40N	22 57E	77.6	188.5	2.733	-17.85	58.3	S0312	.03090	9.3508	0.6	A
9050	33562.92	38 1N	23 46E	87.7	188.2	2.385	30.10	60.9	S0312	.03090	8.3551	0.6	V
9051	33566.12	38 1N	23 46E	89.0	188.2	2.385	30.45	60.9	S0312	.03090	8.0974	0.6	A
9052	33581.32	37 7N	22 3E	78.1	188.0	2.733	-19.95	60.9	S0312	.02200	9.2931	1.0	A
9053	33648.72	32 7N	20 21E	92.1	187.6	2.170	-38.15	63.9	S0312	.01680	7.8336	0.4	F
9054	33657.52	31 51N	21 0E	76.0	187.6	2.733	-15.40	64.5	S0312	.03090	9.5405	1.0	A
9055	33669.12	30 42N	20 13E	87.9	187.5	2.385	-34.30	64.8	S0312	.03090	8.1964	0.6	F
9056	33675.32	30 43N	20 13E	86.9	187.5	2.733	-33.60	64.8	S0312	.03090	8.3695	0.6	A
9057	33688.12	29 29N	21 9E	75.0	187.4	3.090	9.10	66.2	S0312	.03090	9.7631	0.8	V
9058	33693.12	29 19N	21 11E	77.0	187.4	2.872	12.60	66.4	S0312	.03090	9.3320	0.8	A
9059	33702.12	28 41N	21 28E	85.6	187.3	2.511	27.30	67.0	S0312	.03090	8.4190	1.0	A
9060	33852.12	17 57N	19 6E	80.4	186.8	3.090	17.85	70.5	S0312	.03090	9.0292	0.6	F
9061	33857.92	17 57N	19 8E	81.7	186.8	2.872	19.95	70.6	S0312	.03090	8.8241	0.8	A
9062	34091.52	1 39N	16 3E	81.7	186.4	3.211	11.55	66.0	S0312	.03090	8.9385	1.0	V
9063	34176.92	4 15S	15 17E	89.1	186.5	2.872	20.65	62.4	S0312	.03090	8.1799	0.8	V
9064	34180.32	4 16S	15 17E	90.6	186.5	2.872	21.00	62.4	S0312	.03090	7.9078	0.8	A
9065	34206.92	5 14S	14 15E	82.7	186.5	3.574	-7.00	60.5	S0312	.03090	8.8066	0.8	V
9066	34209.92	6 14S	14 14E	83.9	186.5	3.574	-7.35	60.5	S0312	.03090	8.5674	0.8	A
9067	34220.92	7 34S	15 2E	100.2	186.5	2.733	30.10	60.2	S0312	.02200	7.2234	0.8	F
9068	34224.52	7 34S	15 3E	100.2	186.5	2.511	31.15	60.3	S0312	.03090	7.2728	0.6	V
9069	34242.72	8 3S	14 31E	88.4	186.5	3.090	16.10	59.6	S0312	.03090	8.2376	1.0	V
9070	34244.52	8 46S	13 15E	92.5	186.5	3.439	-27.65	58.2	S0312	.04090	7.8583	1.2	V
9071	34247.92	9 46S	13 15E	93.6	186.5	3.439	-27.30	58.2	S0312	.02200	7.6934	1.0	A
9072	34259.92	9 57S	13 16E	90.2	186.5	3.574	-21.35	57.7	S0312	.02200	7.9737	1.0	A
9073	34274.12	10 40S	13 46E	87.4	186.6	3.211	5.60	57.3	S0312	.02200	8.1964	1.4	A
9074	34291.52	12 19S	13 35E	88.8	186.6	3.211	8.40	56.1	S0312	.03090	8.1139	1.0	F
9075	34294.72	12 19S	13 35E	88.1	186.6	3.211	8.75	56.1	S0312	.03090	8.2541	1.0	V
9076	34299.32	12 20S	13 33E	89.1	186.6	3.211	8.05	56.1	S0312	.03090	8.0315	1.4	A
9077	34307.92	12 50S	13 7E	87.7	186.6	3.439	-4.55	55.3	S0312	.03090	8.1716	1.0	A
9078	34327.52	14 21S	13 35E	98.0	186.6	2.872	23.45	54.3	S0312	.03090	7.3718	0.6	F
9079	34330.92	14 21S	13 36E	98.0	186.7	2.872	24.50	54.3	S0312	.03090	7.4213	0.8	V
9080	34335.52	14 20S	13 31E	97.6	186.7	2.872	22.75	54.2	S0312	.03090	7.3141	0.8	A
9081	34360.52	16 22S	13 25E	104.9	186.7	2.385	28.70	52.9	S0312	.03090	6.7363	0.6	A
92 9001	38205.91	80 50N	47 34E	93.9	227.2	0.417	20.65	20.8	S0312	.03090	7.7593	1.0	V
9002	38209.31	80 49N	47 37E	95.1	226.1	0.417	21.00	20.8	S0312	.03090	7.5779	1.0	A
9003	38569.31	58 19N	6 40E	81.9	192.3	1.687	-16.80	43.4	S0312	.04090	8.7983	0.6	F
9004	38574.71	58 0N	6 49E	79.1	192.2	1.810	-11.55	43.6	S0312	.04090	9.2436	0.8	V
9005	38658.71	52 0N	5 55E	88.0	190.6	2.170	26.25	49.3	S0312	.03090	8.2436	0.4	F
9006	38661.91	52 0N	5 55E	87.2	190.5	2.170	26.60	49.3	S0312	.03090	8.4108	0.4	V
9007	38667.31	51 51N	5 23E	82.8	190.4	2.385	18.90	49.7	S0312	.04090	8.7489	1.0	F
9008	38673.31	51 51N	5 23E	83.2	190.3	2.170	19.95	49.7	S0312	.04090	8.6911	1.0	A
9009	38702.31	49 9N	4 27E	81.0	189.9	2.385	16.80	51.8	S0312	.04090	8.9468	0.8	F
9010	38708.11	49 9N	4 27E	81.3	189.8	2.170	17.85	51.8	S0312	.04090	8.8973	1.0	A
9011	38787.91	43 16N	2 60E	86.8	188.9	2.511	26.95	56.8	S0312	.03090	8.3778	1.0	F
9012	38794.11	43 16N	2 60E	87.3	188.8	2.170	28.00	56.8	S0312	.03090	8.2788	1.0	A
9013	38818.31	41 26N	2 11E	80.1	188.6	2.511	19.60	58.2	S0312	.03090	9.1612	0.8	V
9014	38821.31	41 25N	2 11E	81.2	188.6	2.511	19.95	58.2	S0312	.03090	8.9055	0.6	A
9015	38913.11	34 43N	0 36W	77.8	187.8	2.733	-21.00	62.6	S0312	.03090	9.2766	0.8	F
9016	38920.71	34 43N	0 36W	77.4	187.8	2.872	-20.30	62.6	S0312	.03090	9.3673	0.8	A
9017	38929.11	33 43N	0 44W	76.4	187.8	2.733	-17.85	63.2	S0312	.03090	9.4498	0.6	F
9018	38931.91	33 43N	0 44W	75.4	187.7	2.733	-17.50	63.3	S0312	.03090	9.7219	0.8	V
9019	38934.91	33 44N	0 44W	76.1	187.7	2.733	-17.15	63.3	S0312	.03090	9.5522	0.8	A

Handle via
BYEMAN Channels
BYE-8915/84

Approved for Release: 2021/01/22 C05132886

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
92 9020	38960.91	31 52N	0 36W	74.2	187.6	3.090	3.15	64.8	SO312	.03090	9.7631	1.0	A
9021	38997.51	29 41N	1 8W	74.5	187.4	3.090	3.50	66.2	SO312	.03090	9.7136	1.2	A
9022	39009.71	28 30N	1 9W	76.2	187.3	3.090	10.15	66.8	SO312	.03090	9.4828	1.4	A
9023	39173.31	16 40N	2 60W	86.1	186.7	2.872	25.90	70.8	SO312	.03090	8.4520	0.8	F
9024	39185.51	16 23N	3 36W	76.5	186.7	3.211	5.95	70.4	SO312	.03090	9.4415	0.8	A
9025	39192.31	15 57N	4 0W	75.9	186.7	3.439	-8.40	70.1	SO312	.02200	9.5322	0.6	A
94 9001	48168.91	51 12N	128 0E	112.6	349.6	-2.028	18.20	-20.7	SO312	.29770	6.3328	0.8	A
9002	50302.51	19 0S	55 9W	105.1	186.8	3.090	-32.55	49.8	SO312	.03090	6.8028	1.0	F
9003	50309.11	18 59S	54 52W	97.8	186.8	3.439	-24.15	50.0	SO312	.03090	7.3470	1.0	A
9004	50365.51	23 10S	53 53W	113.0	187.0	2.170	32.20	47.2	SO312	.03090	6.4070	1.0	V
9005	50371.51	23 23S	54 10W	107.4	187.0	2.385	25.90	47.0	SO312	.03090	6.6131	1.2	A
9006	50530.71	34 32S	58 29W	116.1	187.8	2.872	-30.45	36.0	SO312	.03090	6.1266	0.8	F
9007	50534.91	34 32S	58 29W	114.6	187.8	2.872	-30.10	36.0	SO312	.03090	6.2833	0.8	V
9008	50538.71	34 47S	58 34W	115.2	187.8	2.872	-30.45	35.8	SO312	.03090	6.2503	0.6	V
9009	50542.91	34 47S	58 33W	115.9	187.9	3.090	-29.75	35.8	SO312	.03090	6.1514	0.8	A
9010	50553.51	35 48S	58 45W	114.6	187.9	2.872	-29.05	34.9	SO312	.03090	6.2833	0.8	V
9011	50578.91	37 46S	57 25W	109.5	188.1	2.385	16.10	33.9	SO312	.03090	6.5637	0.4	V
9012	50582.91	37 42S	57 25W	111.5	188.2	2.170	16.80	33.9	SO312	.03090	6.3493	0.6	A
95 9001	53494.11	52 26N	103 53E	139.0	349.3	-1.466	40.60	-19.0	SO312	.29770	5.1371	1.0	A
9002	55155.10	12 24N	71 18W	81.5	186.6	3.439	-23.45	69.4	SO312	.04090	8.8890	1.2	A
96 9001	60365.70	18 41N	91 48W	75.1	186.8	3.439	-4.20	70.0	SO312	.03090	9.6312	0.8	A
9002	60412.70	15 18N	92 34W	75.5	186.7	3.439	-10.85	70.0	SO312	.03090	9.6972	0.6	V
9003	60419.90	14 55N	92 18W	76.5	186.7	3.211	4.20	70.4	SO312	.03090	9.4498	1.0	A
97 5001	65372.90	38 36N	109 32W	74.0	188.2	2.872	2.10	60.2	SO315	.02260	9.8052	0.8	F
5002	65378.30	38 36N	109 32W	74.1	188.2	2.872	3.15	60.2	SO315	.02260	9.7867	0.6	A
5003	65462.30	32 29N	111 13W	74.0	187.6	3.090	-8.05	64.3	SO315	.01710	9.7867	0.6	F
5004	65467.50	32 30N	111 13W	74.0	187.6	3.090	-7.35	64.3	SO315	.01710	9.8197	0.8	A
9001	64157.90	57 14N	60 6E	104.5	348.2	-1.812	3.85	-15.1	SO312	.29770	6.8028	1.2	F
9002	64171.10	57 54N	60 6E	103.0	347.9	-1.812	-1.75	-14.6	SO312	.29770	6.9925	0.8	V
9003	64178.10	58 37N	59 48E	104.1	347.7	-1.812	-2.10	-13.9	SO312	.29770	6.8658	0.8	F
9004	64184.70	58 32N	59 40E	103.6	347.6	-1.812	0.35	-13.9	SO312	.29770	6.8770	1.8	A
9005	65372.90	38 36N	109 32W	74.0	188.2	2.872	2.10	60.2	SO312	.03090	9.8043	0.6	F
9006	65378.30	38 36N	109 32W	74.1	188.2	2.872	3.15	60.2	SO312	.07190	9.7879	0.6	A
9007	65462.10	32 30N	111 13W	74.0	187.6	3.090	-8.05	64.3	SO312	.03090	9.7879	0.8	F
9008	65467.50	32 29N	111 13W	73.9	187.6	3.090	-7.35	64.3	SO312	.03090	9.8208	0.6	A
9009	65481.70	31 10N	110 58W	75.3	187.5	2.872	12.60	65.4	SO312	.03090	9.7384	1.0	V
9010	65509.30	29 6N	110 57W	86.6	187.4	2.733	28.35	66.9	SO312	.03090	8.3943	0.4	F
9011	65512.30	29 7N	110 57W	86.0	187.4	2.733	28.70	66.9	SO312	.03090	8.5180	0.8	V
9012	65515.70	29 5N	110 57W	87.5	187.3	2.511	29.40	66.9	SO312	.03090	8.2459	0.6	A
9013	65542.50	26 55N	111 60W	75.4	187.2	3.211	7.35	67.7	SO312	.03090	9.6229	0.6	F
9014	65545.30	26 54N	112 0W	74.6	187.2	3.211	7.70	67.7	SO312	.03090	9.8208	0.6	V
9015	65569.10	25 14N	112 6W	78.3	187.1	3.090	17.15	68.6	SO312	.03090	9.3508	1.0	V
98 9001	69445.30	55 46N	38 30E	104.7	348.5	-1.812	5.95	-16.5	SO312	.29770	6.8111	0.6	A
101 9001	86368.49	55 13N	165 58E	85.4	191.3	1.687	-26.25	46.3	SO312	.04090	8.5592	0.4	V
9002	86371.49	55 13N	165 58E	86.1	191.2	1.687	-25.90	46.3	SO312	.04090	8.4190	0.4	A
102 9001	5546.09	36 33N	139 54E	80.9	188.0	2.872	19.95	62.1	SO312	.03090	8.9880	0.6	F
9002	5548.89	36 33N	139 53E	79.9	188.0	2.872	19.95	62.1	SO312	.03090	9.1859	1.2	V
9003	5555.49	35 57N	139 28E	76.6	188.0	2.872	10.85	62.4	SO312	.03090	9.4745	0.8	F
9004	5561.09	35 56N	139 29E	76.9	187.9	2.872	11.90	62.4	SO312	.03090	9.4085	0.8	A
9005	5564.89	35 29N	139 28E	77.1	187.9	2.872	14.70	62.7	SO312	.03090	9.5157	0.8	V
9006	5569.89	35 19N	139 40E	82.8	187.9	2.872	23.10	63.0	SO312	.04090	8.7324	0.8	A
103 9001	10649.28	50 43N	121 24E	77.4	190.2	2.385	5.95	50.5	SO312	.03090	9.3426	0.8	F
9002	10659.68	50 32N	120 9E	82.0	190.1	2.033	-25.20	50.4	SO312	.03090	8.8396	0.4	A
9003	10675.68	49 19N	120 44E	76.4	189.8	2.385	1.40	51.7	SO312	.03090	9.4745	0.4	A
9004	10707.28	47 9N	120 15E	76.4	189.4	2.385	7.70	53.6	SO312	.03090	9.4663	0.4	A
104 9001	15907.48	54 24N	100 36E	78.1	191.1	2.033	3.85	47.2	SO312	.04090	9.2519	0.6	A
9002	16147.28	37 49N	95 28E	73.2	188.2	2.872	3.50	61.0	SO312	.04090	9.9033	0.6	F
9003	16152.48	37 49N	95 28E	73.2	188.1	2.872	4.20	61.0	SO312	.04090	9.8951	0.8	A
9004	16161.48	36 49N	95 21E	74.7	188.1	2.872	8.05	61.7	SO312	.03090	9.7054	0.4	F
9005	16166.88	36 40N	95 3E	72.2	188.0	2.872	-1.40	61.7	SO312	.04090	10.1507	0.6	V
9006	16169.68	36 39N	95 3E	73.1	188.0	2.872	-1.05	61.7	SO312	.03090	9.9198	0.4	A
105 5001	21452.28	38 11N	73 58E	79.2	188.2	2.733	21.70	60.9	SO315	.01710	9.2590	0.4	V
9001	20853.08	78 13N	103 19E	87.4	212.6	0.629	0.00	24.5	SO312	.03090	8.2376	0.4	A
9002	20987.48	69 24N	88 6E	84.3	198.7	1.332	7.00	33.5	SO312	.04090	8.5427	0.6	F
9003	20990.68	69 23N	88 6E	83.4	198.5	1.113	7.70	33.5	SO312	.04090	8.7571	0.4	V
9004	20993.68	69 23N	88 9E	84.4	198.4	1.113	8.40	33.5	SO312	.04090	8.5510	0.6	A

Handle via
BYEMAN Channels
BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
105 9005	21032.48	67 26N	86 39E	85.3	196.9	1.332	17.30	35.4	SO312	.03090	8.4603	0.6	A
9006	21031.88	66 37N	86 12E	85.9	196.4	1.332	17.50	36.2	SO312	.03090	8.4932	0.8	V
9007	21034.88	66 37N	86 13E	87.0	196.6	1.332	17.85	36.2	SO312	.03090	8.2871	0.8	A
9008	21214.68	54 22N	77 22E	83.3	191.1	1.687	-22.05	47.2	SO312	.03090	8.6499	0.6	F
9009	21217.68	54 22N	77 21E	82.2	191.0	1.687	-22.05	47.2	SO312	.03090	8.8373	0.6	V
9010	21220.68	54 22N	77 21E	82.9	191.0	1.687	-21.70	47.2	SO312	.03090	8.7496	0.6	A
9011	21231.68	53 1N	78 40E	85.2	190.8	2.170	22.05	48.7	SO312	.03090	8.5015	0.6	F
9012	21234.68	53 1N	78 40E	84.4	190.7	2.170	22.40	48.7	SO312	.03090	8.6329	1.2	V
9013	21238.28	52 59N	78 39E	85.5	190.7	2.170	22.75	48.8	SO312	.03090	8.4520	0.8	A
9014	21279.08	49 59N	77 39E	85.7	190.0	2.170	25.55	51.4	SO312	.03090	8.5592	0.6	V
9015	21282.28	49 59N	77 39E	86.9	190.0	2.170	25.90	51.4	SO312	.03090	8.3201	0.6	A
9016	21324.68	46 52N	75 3E	79.5	189.4	2.170	-19.25	53.6	SO312	.03090	9.0705	0.4	F
9017	21332.08	46 36N	74 28E	86.6	189.3	2.033	-31.85	53.7	SO312	.03090	8.4520	0.4	V
9018	21335.28	46 36N	74 29E	87.2	189.3	2.033	-31.50	53.7	SO312	.02200	8.3201	0.4	A
9019	21344.28	45 50N	73 35E	103.3	189.2	1.687	-44.80	54.1	SO312	.03090	7.0667	0.6	V
9020	21347.88	45 50N	73 35E	103.9	189.2	1.687	-44.45	54.1	SO312	.03090	6.9925	1.0	A
9021	21370.48	43 37N	75 14E	78.9	188.9	2.733	15.05	56.6	SO312	.03090	9.1941	0.6	F
9022	21373.28	43 37N	75 13E	77.9	188.9	2.511	15.40	56.6	SO312	.03090	9.4085	0.6	V
9023	21487.68	35 50N	71 44E	85.2	187.9	2.385	-33.25	61.8	SO312	.03090	8.5839	1.0	V
9024	21493.68	35 16N	71 32E	90.6	187.9	2.170	-37.10	62.1	SO312	.02200	7.9572	0.4	F
9025	21502.08	34 51N	72 21E	73.3	187.8	2.733	-7.35	62.9	SO312	.03090	10.0023	1.0	V
9026	21509.08	34 7N	72 43E	76.6	187.8	3.090	11.55	63.7	SO312	.03090	9.4663	0.6	F
9027	21513.88	33 46N	72 50E	79.8	187.8	2.872	18.90	64.0	SO312	.03090	9.1034	0.6	F
9028	21516.88	33 45N	72 50E	79.1	187.7	2.872	19.25	64.0	SO312	.03090	9.2766	0.6	V
9029	21519.68	33 45N	72 50E	80.2	187.7	2.872	19.60	64.0	SO312	.03090	9.0127	0.6	A
9030	21526.08	32 58N	72 22E	75.6	187.7	3.090	8.40	64.4	SO312	.03090	9.5982	0.6	F
9031	21535.28	32 25N	71 28E	78.1	187.6	2.872	-21.00	64.3	SO312	.02200	9.2271	0.6	F
9032	21538.28	32 24N	71 28E	77.1	187.6	2.872	-20.65	64.3	SO312	.03090	9.4992	0.6	V
9033	21541.08	32 24N	71 27E	78.0	187.6	2.872	-20.65	64.3	SO312	.02200	9.3096	0.6	A
9034	21553.28	31 28N	72 1E	75.7	187.5	3.090	8.75	65.3	SO312	.03090	9.5487	1.0	A
9035	21559.68	30 47N	72 18E	81.8	187.5	2.872	23.45	66.0	SO312	.02200	8.9550	1.0	V
9036	21573.28	30 1N	70 36E	84.9	187.4	2.733	-32.55	65.5	SO312	.02200	8.6252	1.0	V
9037	21576.48	30 1N	70 36E	85.6	187.4	2.733	-32.20	65.5	SO312	.02200	8.4932	0.8	A
9038	21609.68	27 0N	71 43E	88.2	187.2	2.872	29.40	68.1	SO312	.03090	8.2623	1.2	F
9039	21616.08	27 0N	71 43E	88.9	187.2	2.511	30.45	68.2	SO312	.03090	8.1222	1.0	A
9040	21628.08	25 50N	71 29E	89.1	187.2	2.733	30.45	68.8	SO312	.02200	8.1634	0.6	F
9041	21631.28	25 50N	71 29E	88.4	187.2	2.733	30.80	68.8	SO312	.02200	8.2871	0.6	V
9042	21634.88	25 49N	71 23E	87.3	187.1	2.733	28.70	68.7	SO312	.03090	8.2541	0.6	A
9043	21668.08	23 15N	69 42E	77.4	187.0	3.090	-18.55	68.8	SO312	.03090	9.3261	0.6	F
9044	21670.88	23 15N	69 41E	76.4	187.0	3.090	-18.20	68.8	SO312	.03090	9.5900	0.6	V
9045	21678.48	22 29N	70 4E	75.1	187.0	3.211	3.15	69.4	SO312	.03090	9.6559	0.8	F
9046	21683.88	22 29N	70 4E	75.3	187.0	3.211	4.20	69.5	SO312	.03090	9.6064	0.8	A
9047	21690.48	21 41N	69 40E	75.0	186.9	3.211	-7.70	69.5	SO312	.03090	9.6477	0.8	F
9048	21699.88	21 21N	70 17E	82.1	186.9	2.872	21.35	70.1	SO312	.03090	8.7818	0.8	A
106 9001	26295.27	69 45N	66 52E	86.4	198.7	1.113	14.00	53.2	SO312	.03090	8.5531	0.4	A
9002	26449.07	59 22N	57 16E	85.6	192.7	1.475	-23.10	42.7	SO312	.02200	8.3943	0.6	F
9003	26464.87	58 0N	60 13E	110.9	192.5	1.687	43.05	44.3	SO312	.03090	6.5884	0.4	V
9004	26468.87	58 0N	60 13E	112.3	192.2	1.475	43.40	44.3	SO312	.03090	6.4235	0.4	A
9005	26502.07	56 0N	56 36E	78.4	191.5	2.033	-6.30	45.8	SO312	.03090	9.2271	0.4	A
9006	26515.27	54 49N	56 8E	78.2	191.2	2.033	-5.25	46.9	SO312	.04090	9.2354	0.4	F
9007	26518.07	54 49N	56 8E	77.1	191.2	2.033	-4.90	46.9	SO312	.04090	9.4828	0.4	V
9008	26520.87	54 49N	56 8E	78.0	191.1	2.033	-4.55	46.9	SO312	.04090	9.2849	0.6	A
9009	26524.67	54 34N	55 54E	78.3	191.0	2.033	-6.40	47.1	SO312	.04090	9.2436	0.4	A
9010	26531.27	53 42N	55 58E	77.8	190.9	2.170	1.40	48.0	SO312	.04090	9.2849	0.6	F
9011	26535.47	53 26N	55 38E	77.7	190.9	2.170	-4.55	48.2	SO312	.04090	9.2731	0.8	F
9012	26541.07	53 26N	55 38E	77.5	190.8	2.170	-3.85	48.2	SO312	.04090	9.3343	0.8	A
9013	26546.87	52 49N	55 48E	77.3	190.7	2.170	6.30	48.8	SO312	.03090	9.4745	0.6	V
9014	26549.87	52 40N	55 48E	78.2	190.6	2.170	6.65	48.8	SO312	.03090	9.2519	0.6	A
9015	26555.47	52 4N	55 19E	77.3	190.5	2.385	0.35	49.4	SO312	.04090	9.3508	0.6	F
9016	26559.27	51 46N	55 13E	77.2	190.5	2.385	0.00	49.6	SO312	.03090	9.3591	0.4	F
9017	26564.67	51 26N	54 51E	77.3	190.4	2.170	-6.30	49.9	SO312	.03090	9.3426	0.8	F
9018	26570.07	51 26N	54 51E	77.1	190.3	2.385	-5.95	49.9	SO312	.03090	9.3920	1.0	A
9019	26615.67	48 11N	53 42E	75.8	189.6	2.385	-8.40	52.6	SO312	.04090	9.6559	0.6	V
9020	26618.47	48 11N	53 42E	76.6	189.6	2.385	-8.05	52.7	SO312	.04090	9.4580	0.6	A
9021	26896.87	28 50N	48 11E	87.5	187.3	2.511	-35.00	66.0	SO312	.03090	8.3613	0.8	V
9022	26900.07	28 50N	48 10E	88.3	187.3	2.733	-35.00	66.0	SO312	.03090	8.2376	0.8	A
9023	26914.67	27 31N	47 57E	87.1	187.3	2.511	-33.60	66.7	SO312	.03090	8.2623	1.4	F
9024	26923.27	26 55N	47 51E	86.8	187.2	2.511	-33.25	67.0	SO312	.03090	8.2871	1.0	F
9025	26931.47	26 42N	48 4E	78.5	187.2	2.872	-23.45	67.4	SO312	.03090	9.3261	1.2	V
9026	26954.27	25 0N	48 12E	74.4	187.1	3.211	-7.00	68.3	SO312	.03090	9.7301	1.0	A
9027	26966.87	24 7N	47 25E	82.6	187.0	2.872	-29.75	68.2	SO312	.03090	8.8478	1.4	V
9028	27058.07	17 31N	47 9E	76.9	186.8	3.211	8.40	70.5	SO312	.03090	9.4415	0.6	F
9029	27060.87	17 31N	47 9E	76.1	186.7	3.211	8.75	70.5	SO312	.03090	9.6229	0.6	V
9030	27064.27	17 0N	47 7E	77.4	186.7	3.211	10.85	70.6	SO312	.03090	9.3836	1.0	F
9031	27069.87	17 0N	47 7E	77.8	186.7	3.090	11.90	70.6	SO312	.03090	9.2766	1.0	A
9032	27076.87	16 10N	47 16E	83.7	186.7	3.090	22.75	70.9	SO312	.03090	8.6829	1.6	F
9033	27082.87	16 10N	47 15E	84.2	186.7	2.872	23.45	70.9	SO312	.03090	8.5674	1.0	A
9034	27098.47	14 49N	45 43E	84.9	186.7	3.090	-30.10	69.6	SO312	.01680	8.4890	1.0	F
9035	27104.47	14 49N	45 44E	84.2	186.6	3.211	-29.05	69.7	SO312	.01680	8.6087	1.0	A
9036	27111.27	13 55N	45 52E	78.5	186.6	3.211	-18.55	69.8	SO312	.03090	9.1859	0.6	F
9037	27116.47	13 59N	45 40E	81.5	186.6	3.439	-25.90	69.7	SO312	.03090	8.8973	1.0	A
9038	27162.07	10 45N	44 60E	85.2	186.5	3.211	-28.00	68.9	SO312	.01680	8.4458	0.6	F
9039	27164.87	10 26N	44 60E	84.1	186.5	3.211	-27.65	68.9	SO312	.01680	8.6911	0.8	V
9040	27168.27	10 25N	44 59E	85.0	186.5	3.439	-27.65	68.9	SO312	.01680	8.5262	0.4	A
9041	27174.27	9 49N	44 42E	88.7	186.5	3.211	-33.95	68.6	SO312	.03090	8.2294	0.8	V
9042	27177.47	9 49N	44 42E	89.5	186.5	3.211	-33.60	68.6	SO312	.03090	8.0892	0.8	A

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
106 9043	27215.07	6 46N	44 16E	88.5	186.5	3.090	-30.80	67.6	S0312	.0309U	8.1304	0.8	F
9044	27218.27	6 46N	44 16E	87.0	186.5	3.090	-30.45	67.6	S0312	.0309U	8.3943	0.6	V
9045	27221.47	6 46N	44 16E	87.9	186.5	3.439	-30.45	67.6	S0312	.0309U	8.2459	0.6	A
9046	27233.27	5 56N	45 14E	83.0	186.5	3.090	17.50	68.2	S0312	.0309U	8.8066	0.4	V
9047	27237.27	5 7N	45 8E	83.4	186.5	3.090	16.10	67.9	S0312	.0309U	8.6829	0.8	F
9048	27240.27	5 7N	45 8E	82.7	186.5	3.090	16.45	67.9	S0312	.0309U	8.8313	0.8	V
9049	27245.27	4 46N	45 11E	85.7	186.5	2.872	21.35	67.9	S0312	.0168U	8.5262	0.8	V
9050	27259.27	4 9N	43 53E	87.0	186.4	3.439	-27.65	66.5	S0312	.0168U	8.3118	1.0	A
9051	27267.47	3 9N	43 40E	89.3	186.4	3.211	-30.10	65.9	S0312	.0309U	8.0644	0.4	F
9052	27271.07	3 7N	43 44E	86.3	186.4	3.211	-26.95	66.0	S0312	.0309U	8.4767	0.6	V
9053	27274.27	3 7N	43 44E	87.0	186.4	3.439	-26.60	66.0	S0312	.0309U	8.3118	0.6	A
9054	27643.47	22 40S	40 21E	100.2	187.0	2.735	16.45	47.6	S0312	.0309U	7.0997	0.6	A
107 5001	32877.87	17 56S	19 44E	114.4	186.7	2.385	35.00	51.8	S0315	.0133U	6.2991	0.8	F
5002	32881.87	17 55S	19 44E	114.2	186.8	2.170	35.70	51.8	S0315	.0133U	6.3568	1.0	V
9001	31699.27	63 0N	40 47E	104.7	194.4	1.475	38.50	39.6	S0312	.0309U	6.9925	0.6	V
9002	31703.07	63 0N	40 48E	106.4	194.3	1.475	38.85	39.8	S0312	.0309U	6.7863	0.6	A
9003	31753.47	59 44N	35 22E	84.3	192.8	1.475	-21.00	42.6	S0312	.0409U	8.5262	0.4	F
9004	31759.67	59 36N	35 24E	83.5	192.6	1.687	-19.95	42.6	S0312	.0409U	8.6664	0.6	A
9005	31764.67	59 12N	35 20E	82.4	192.5	1.687	-17.85	42.9	S0312	.0409U	8.7818	0.4	A
9006	31777.07	57 56N	35 5E	80.0	192.2	1.810	-11.55	44.1	S0312	.0409U	9.0045	0.6	F
9007	31780.07	57 55N	35 5E	78.9	192.1	1.810	-11.20	44.1	S0312	.0409U	9.2601	0.6	V
9008	31782.87	57 56N	35 4E	79.8	192.1	1.810	-11.20	44.1	S0312	.0409U	9.0705	0.6	A
9009	31791.07	56 51N	35 45E	82.1	191.9	2.033	14.70	45.3	S0312	.0409U	8.8148	1.6	F
9010	31795.07	56 47N	35 43E	81.1	191.8	2.035	15.05	45.3	S0312	.0409U	9.0127	0.6	V
9011	31803.87	56 18N	34 26E	78.1	191.6	2.033	-10.15	45.6	S0312	.0409U	9.3591	1.0	V
9012	31807.07	56 17N	34 25E	78.9	191.5	2.033	-9.80	45.6	S0312	.0409U	9.1777	0.6	A
9013	31830.07	54 15N	34 23E	79.4	191.1	2.170	9.45	47.6	S0312	.0409U	9.1117	0.8	F
9014	31835.67	54 15N	34 23E	79.3	191.0	2.170	9.80	47.6	S0312	.0409U	9.1499	0.8	A
9015	31841.07	53 52N	33 54E	78.0	190.9	2.170	4.20	48.2	S0312	.0409U	9.2684	1.0	F
9016	31846.67	53 52N	33 54E	78.0	190.8	2.170	4.90	48.2	S0312	.0409U	9.2766	1.0	A
9017	31856.47	52 56N	33 29E	77.3	190.6	2.170	0.70	48.7	S0312	.0409U	9.3591	0.6	A
9018	31864.47	51 55N	33 30E	78.8	190.5	2.385	9.45	49.6	S0312	.0409U	9.1777	0.8	F
9019	31869.27	51 45N	33 45E	81.1	190.4	2.170	17.85	49.8	S0312	.0409U	9.0575	0.4	V
9020	31872.27	51 35N	33 44E	82.1	190.4	2.170	18.20	49.8	S0312	.0409U	8.7983	0.4	A
9021	31879.67	50 50N	33 31E	83.2	190.3	2.385	19.95	50.7	S0312	.0409U	8.7076	0.4	F
9022	31885.67	50 50N	33 31E	83.6	190.2	2.170	21.00	50.7	S0312	.0309U	8.6499	0.4	A
9023	31941.87	46 40N	31 34E	76.5	189.4	2.511	4.55	54.1	S0312	.0409U	9.4580	0.6	F
9024	31944.67	46 40N	31 33E	75.6	189.4	2.511	4.90	54.1	S0312	.0409U	9.6689	0.6	V
9025	32094.47	36 28N	28 14E	75.9	188.0	2.733	-16.80	61.7	S0312	.0409U	9.6477	0.4	V
9026	32097.27	36 28N	28 14E	76.7	188.0	2.733	-16.45	61.7	S0312	.0409U	9.4663	0.4	A
9027	32303.07	21 56N	24 48E	86.4	186.9	2.733	-32.90	68.8	S0312	.0309U	8.3566	1.2	F
9028	32309.27	21 56N	24 48E	85.7	186.9	2.872	-32.20	68.9	SD312	.0309U	8.4603	1.2	A
9029	32682.67	4 16S	20 37E	85.1	186.5	3.439	-16.45	61.6	S0312	.0309U	8.4603	1.0	F
9030	32715.47	6 24S	20 48E	84.4	186.5	3.211	7.00	60.5	S0312	.0309U	8.6334	1.0	V
9031	32728.67	7 20S	20 48E	87.0	186.5	3.090	13.30	59.9	S0312	.0309U	8.3695	0.8	V
9032	32732.47	7 22S	20 49E	88.9	186.5	3.090	14.70	59.9	S0312	.0309U	8.0644	0.8	A
9033	32740.67	8 9S	20 39E	87.0	186.5	3.090	12.95	59.3	SD312	.0309U	8.3695	0.4	V
9034	32747.47	9 24S	20 44E	91.2	186.5	2.872	16.20	59.2	S0312	.0309U	7.8500	0.8	A
9035	32765.67	9 59S	20 27E	90.2	186.5	3.090	15.05	58.1	S0312	.0220U	7.9325	1.0	A
9036	32778.67	10 50S	20 13E	90.3	186.6	3.090	14.35	57.1	S0312	.0309U	7.9985	1.0	F
9037	32789.87	11 44S	19 55E	88.0	186.6	3.211	7.70	56.4	S0312	.0220U	8.1964	0.8	F
9038	32793.27	11 45S	19 53E	87.1	186.6	3.211	7.35	56.3	SD312	.0309U	8.3531	0.6	V
9039	32796.47	11 45S	19 53E	88.5	186.6	3.211	8.05	56.3	S0312	.0309U	8.0892	0.6	A
9040	32815.07	13 26S	18 53E	91.5	186.6	3.439	-20.30	54.5	S0312	.0309U	7.8418	1.0	F
9041	32832.47	14 55S	18 29E	95.7	186.6	3.439	-25.90	53.4	S0312	.0309U	7.4872	1.0	F
9042	32846.27	15 9S	19 10E	89.7	186.7	3.211	3.85	53.5	S0312	.0309U	7.9820	0.6	A
9043	32854.67	15 41S	18 40E	90.4	186.7	3.439	-11.90	52.8	S0312	.0309U	7.9525	1.0	A
9044	32864.07	16 22S	18 59E	90.7	186.7	3.211	4.90	52.5	SD312	.0309U	7.8830	0.8	A
9045	32898.47	19 43S	18 36E	92.8	186.8	3.090	6.65	50.5	S0312	.0309U	7.7016	0.8	A
9046	32904.67	19 34S	18 8E	91.6	186.8	3.439	-5.95	49.6	S0312	.0220U	7.8418	0.8	F
9047	32907.87	19 34S	18 8E	90.7	186.8	3.211	-5.25	49.6	S0312	.0309U	7.9985	1.0	V
9048	32911.27	19 34S	18 7E	92.0	186.8	3.439	-5.25	49.6	S0312	.0309U	7.7841	0.6	A
9049	32923.27	20 34S	17 29E	96.0	186.9	3.439	-21.00	48.5	S0312	.0309U	7.5532	1.2	U
9050	32946.87	22 27S	17 29E	93.9	187.0	3.211	-9.10	47.0	S0312	.0309U	7.6357	1.0	F
9051	32952.87	22 35S	17 6E	97.0	187.0	3.211	-20.30	46.7	S0312	.0309U	7.4625	0.8	V
9052	32955.87	22 42S	17 6E	99.0	187.0	3.439	-19.95	46.8	S0312	.0309U	7.2316	0.8	A
9053	32965.87	23 51S	16 0E	100.6	187.0	2.872	16.80	46.2	S0312	.0309U	7.1409	1.0	F
9054	32976.27	24 94S	17 56E	102.5	187.1	2.733	18.90	45.6	S0312	.0309U	7.0090	1.0	F
9055	32988.27	25 14S	16 35E	99.9	187.1	3.211	-19.95	44.4	S0312	.0309U	7.1491	1.2	F
9056	32996.27	25 49S	16 50E	96.4	187.1	3.211	-8.40	44.1	SD312	.0309U	7.4213	1.2	F
9057	33003.47	25 51S	16 57E	96.5	187.2	3.211	-3.50	44.1	S0312	.0309U	7.3883	1.0	A
9058	33012.47	26 00S	17 12E	99.2	187.2	2.872	8.75	43.7	S0312	.0309U	7.1739	1.4	A
9059	33050.27	29 08S	17 6E	110.0	187.4	2.511	22.40	41.2	S0312	.0309U	6.5307	1.2	F
9060	33057.27	30 10S	17 17E	117.3	187.4	2.170	29.05	40.8	S0312	.0309U	6.1184	1.0	F
108 5001	37549.27	26 22N	5 16E	90.4	187.2	2.511	32.20	68.6	S0315	.0171U	7.9893	0.6	A
9001	36725.67	80 48N	47 39E	87.5	223.9	0.417	-4.20	21.5	S0312	.0409U	8.3118	0.4	V
9002	36728.87	80 49N	47 39E	88.4	223.0	0.417	-4.20	21.5	S0312	.0409U	8.1387	0.4	A
9003	37042.47	58 19N	12 20E	86.7	192.2	1.475	-27.30	43.7	S0312	.0409U	8.4108	0.6	V
9004	37146.67	53 40N	11 27E	77.7	190.9	2.170	-5.95	48.0	S0312	.0409U	9.2849	0.6	F
9005	37149.47	53 40N	11 27E	76.7	190.9	2.170	-5.60	48.0	S0312	.0409U	9.5322	1.4	V
9006	37158.67	52 44N	12 0E	82.2	190.7	2.385	17.15	49.0	S0312	.0409U	8.8148	0.4	F
9007	37161.67	52 44N	12 1E	81.4	190.7	2.170	17.85	49.0	S0312	.0409U	9.0045	0.4	V

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
108 9008	37168.67	52 16N	12 12E	87.2	190.5	2.170	26.60	49.5	S0312	.0309U	8.4108	0.6	V
9009	37172.07	52 12N	12 11E	88.1	190.5	2.170	26.60	49.5	S0312	.0309U	8.2046	0.4	A
9010	37177.87	51 42N	11 59E	90.0	190.4	2.170	28.70	50.3	S0312	.0220U	8.0727	0.4	F
9011	37181.07	51 22N	11 59E	89.2	190.3	2.170	29.05	50.3	S0312	.0220U	8.2211	0.4	V
9012	37190.27	50 51N	10 44E	76.0	190.2	2.385	2.80	50.5	S0312	.0220U	9.6312	0.6	V
9013	37194.47	50 36N	10 26E	75.7	190.1	2.385	-3.15	50.7	S0312	.0220U	9.6724	0.4	V
9014	37197.07	50 26N	10 25E	76.5	190.1	2.385	-3.50	50.7	S0312	.0220U	9.4580	0.6	A
9015	37216.47	48 59N	9 3E	84.2	189.8	2.033	-26.60	51.8	S0312	.0309U	8.5592	0.6	F
9016	37219.47	48 59N	9 3E	82.9	189.8	2.033	-26.25	51.8	S0312	.0309U	8.8241	0.6	V
9017	37224.87	48 43N	9 18E	78.0	189.7	2.170	-15.40	52.5	S0312	.0409U	9.2519	0.6	F
9018	37227.67	48 43N	9 18E	76.9	189.7	2.170	-15.05	52.5	S0312	.0409U	9.5157	0.6	V
9019	37232.87	48 0N	9 19E	75.9	189.6	2.385	-11.55	52.8	S0312	.0220U	9.6477	0.4	V
9020	37235.67	48 0N	9 19E	76.7	189.6	2.385	-11.20	52.8	S0312	.0220U	9.4580	0.4	A
9021	37259.67	46 14N	10 11E	88.7	189.3	2.170	29.05	54.7	S0312	.0220U	8.1387	0.6	A
9022	37268.27	45 31N	9 13E	76.1	189.2	2.511	8.40	55.1	S0312	.0220U	9.6312	0.6	V
9023	37271.07	45 31N	9 13E	77.0	189.2	2.511	8.75	55.1	S0312	.0220U	9.3920	0.6	A
9024	37281.27	44 26N	8 56E	77.1	189.0	2.739	9.10	56.0	S0312	.0409U	9.4003	0.6	F
9025	37284.27	44 26N	8 56E	76.3	189.0	2.511	9.80	56.0	S0312	.0409U	9.6064	0.4	V
9026	37347.67	37 0N	7 24E	82.2	188.1	2.733	22.05	61.8	S0312	.0409U	8.8313	0.4	F
9027	37393.67	36 53N	7 1E	76.0	188.1	2.733	11.55	61.8	S0312	.0309U	9.6477	0.6	V
9028	37396.47	36 55N	7 1E	77.0	188.0	2.733	11.90	61.8	S0312	.0309U	9.3920	0.6	A
9029	37405.67	36 39N	6 23E	73.2	188.0	2.872	-4.90	62.1	S0312	.0409U	10.0187	0.6	V
9030	37408.47	36 40N	6 22E	74.0	187.9	2.872	-4.90	62.1	S0312	.0309U	9.7961	0.6	A
9031	37416.67	35 26N	5 30E	82.5	187.9	2.511	-29.75	62.2	S0312	.0309U	8.8890	0.8	V
9032	37422.67	34 49N	5 45E	76.9	187.9	2.733	-17.50	62.8	S0312	.0220U	9.3920	0.6	F
9033	37425.47	34 49N	5 45E	75.8	187.8	2.733	-17.15	62.9	S0312	.0220U	9.6559	0.6	V
9034	37438.87	33 52N	6 47E	87.7	187.7	2.733	29.05	64.4	S0312	.0166U	8.2953	0.6	F
9035	37446.87	33 40N	6 4E	75.8	187.7	3.090	6.40	64.3	S0312	.0309U	9.5735	0.6	F
9036	37448.87	33 40N	6 3E	75.0	187.7	2.872	8.75	64.3	S0312	.0309U	9.7714	0.6	V
9037	37463.87	31 57N	5 25E	74.3	187.6	3.090	-6.65	64.9	S0312	.0220U	9.7384	0.8	F
9038	37469.07	31 28N	5 25E	74.2	187.6	3.090	-5.60	64.9	S0312	.0220U	9.7631	1.0	A
9039	37474.47	31 12N	5 30E	74.5	187.5	3.090	2.80	65.5	S0312	.0309U	9.7219	1.0	F
9040	37483.27	30 56N	5 46E	78.4	187.5	2.872	16.10	65.8	S0312	.0309U	9.2169	1.0	A
9041	37496.07	29 58N	4 33E	78.0	187.4	2.872	-22.75	65.7	S0312	.0309U	9.4085	1.0	V
9042	37513.47	28 52N	4 45E	74.1	187.3	3.090	-4.55	66.8	S0312	.0309U	9.7796	1.2	F
9043	37521.27	28 12N	4 27E	74.4	187.3	3.090	-13.30	66.8	S0312	.0309U	9.8456	1.2	V
9044	37527.27	27 49N	4 8E	77.7	187.3	2.872	-22.40	66.9	S0312	.0309U	9.4383	1.0	V
9045	37563.47	25 19N	3 43E	76.5	187.1	3.090	-19.60	68.0	S0312	.0220U	9.5735	1.0	V
9046	37608.07	22 3N	3 2E	78.9	186.9	3.090	-22.05	69.1	S0312	.0309U	9.1529	0.8	F
9047	37733.07	13 30N	2 5E	75.9	186.6	3.211	4.20	70.3	S0312	.0309U	9.6477	0.6	V
9048	37735.87	13 20N	2 5E	77.0	186.6	3.211	4.55	70.3	S0312	.0309U	9.3838	0.6	A
110 9001	46633.66	48 10N	135 1E	117.3	350.3	-2.028	23.10	-23.2	S0312	.2977U	6.1349	0.6	V
9002	48616.46	5 15S	44 30W	104.3	186.5	2.385	35.00	61.9	S0312	.0220U	6.9760	0.8	V
9003	48736.66	13 22S	48 8W	110.3	186.6	3.090	-39.55	53.9	S0312	.0220U	6.4895	1.0	F
9004	48746.06	13 40S	47 27W	90.6	186.6	3.574	-17.15	54.2	S0312	.0309U	7.9243	0.8	A
9005	48751.26	14 7S	47 31W	90.7	186.6	3.574	-16.80	54.0	S0312	.0309U	7.9078	1.0	A
9006	48772.46	15 47S	47 52W	91.6	186.7	3.439	-19.90	52.5	S0312	.0309U	7.9325	0.6	V
9007	48775.86	15 47S	47 53W	92.7	186.7	3.439	-18.55	52.5	S0312	.0309U	7.7428	0.4	A
9008	48794.66	17 17S	48 20W	95.9	186.7	3.439	-24.50	51.2	S0312	.0309U	7.5697	1.2	V
9009	48802.06	18 1S	48 47W	106.2	186.8	3.211	-33.55	50.4	S0312	.0309U	6.7286	1.0	F
9010	48806.06	18 1S	48 50W	106.1	186.8	3.211	-34.65	50.3	S0312	.0309U	6.8275	1.0	V
9011	48813.66	18 36S	48 11W	91.0	186.8	3.439	-11.20	50.3	S0312	.0309U	7.9737	1.2	V
9012	48816.86	18 51S	48 13W	91.0	186.8	3.439	-10.85	50.1	S0312	.0309U	7.9737	1.0	V
9013	48826.06	19 40S	47 58W	92.5	186.8	3.211	-3.85	49.5	S0312	.0309U	7.7758	1.0	F
9014	48834.46	19 46S	48 46W	98.0	186.9	3.439	-22.75	49.1	S0312	.0309U	7.5141	1.0	A
9015	48839.06	20 0S	48 42W	96.0	186.9	3.439	-18.55	48.9	S0312	.0309U	7.4625	0.8	A
9016	48852.26	21 7S	47 47W	100.6	186.9	2.733	19.25	48.6	S0312	.0309U	7.0667	0.8	A
9017	48864.66	21 59S	47 25W	115.8	186.9	2.033	33.25	48.2	S0312	.0220U	6.1184	0.4	A
9018	48982.26	30 4S	51 13W	111.8	187.4	3.090	-30.45	39.9	S0312	.0309U	6.4565	0.4	V
9019	48986.46	30 4S	51 13W	113.1	187.5	3.090	-30.10	39.9	S0312	.0309U	6.3463	0.4	A
9020	48998.26	31 9S	51 5W	104.8	187.5	3.090	-20.65	39.0	S0312	.0309U	6.8853	1.0	V
111 5001	54286.46	29 53S	71 11W	116.0	187.4	2.033	28.00	41.0	S0315	.0171U	6.1094	0.8	A
9001	54010.46	11 4S	67 31W	112.5	186.6	2.033	37.10	57.5	S0312	.0220U	6.3163	1.2	A
9002	54095.06	17 10S	70 55W	111.5	186.7	3.090	-38.85	50.9	S0312	.0220U	6.4070	0.6	F
9003	54102.66	17 42S	70 50W	106.1	186.7	3.090	-33.95	50.6	S0312	.0309U	6.7368	1.4	F
9004	54106.46	17 41S	70 49W	104.4	186.8	3.090	-33.25	50.6	S0312	.0309U	6.9512	0.6	V
9005	54113.06	17 59S	70 15W	92.6	186.8	3.439	-13.30	50.8	S0312	.0220U	7.7428	0.8	A
9006	54116.86	18 49S	70 17W	91.5	186.8	3.439	-11.90	50.4	S0312	.0309U	7.9325	0.6	V
9007	54120.26	18 49S	70 17W	92.7	186.8	3.439	-11.55	50.4	S0312	.0309U	7.7264	0.6	A
9008	54128.66	19 30S	69 54W	93.8	186.8	3.090	8.40	49.8	S0312	.0220U	7.6604	1.0	F
9009	54135.36	20 7S	69 44W	97.8	186.8	2.872	17.15	49.4	S0312	.0309U	7.3635	0.4	F
9010	54139.46	20 7S	69 45W	97.1	186.8	2.872	17.50	49.4	S0312	.0309U	7.4707	0.4	V
9011	54145.66	20 30S	70 11W	92.8	186.9	3.090	5.25	48.9	S0312	.0220U	7.8068	0.8	V
9012	54149.06	20 30S	70 11W	94.1	186.9	3.090	5.60	48.9	S0312	.0220U	7.5779	0.8	A
9013	54174.26	22 16S	69 42W	111.6	187.0	2.170	30.45	47.8	S0312	.0309U	6.3658	1.0	A
9014	54263.46	29 55S	70 55W	115.9	187.3	2.385	29.05	41.9	S0312	.0309U	6.2008	1.4	F
9015	54278.06	29 53S	71 16W	112.5	187.4	2.385	25.20	40.9	S0312	.0309U	6.3740	0.6	F
9016	54295.86	30 42S	71 10W	120.7	187.5	1.810	31.50	40.5	S0312	.0309U	5.8628	0.8	A
9017	54379.06	36 41S	73 6W	110.1	188.0	2.511	15.05	34.5	S0312	.0409U	6.4895	0.8	F
9018	54382.86	36 40S	73 5W	109.5	188.0	2.511	15.75	34.6	S0312	.0409U	6.5719	1.0	V
9019	54386.86	36 40S	73 5W	111.4	188.0	2.511	16.10	34.6	S0312	.0409U	6.3493	1.0	A
9020	54390.86	36 56S	73 8W	111.6	188.1	2.511	16.10	34.3	S0312	.0309U	6.3328	1.0	A
9021	54397.86	37 40S	73 24W	109.0	188.1	2.385	13.65	33.6	S0312	.0309U	6.5967	0.9	V

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
111 9022	54403.46	38 4S	73 23W	110.9	188.2	2.385	16.10	33.3	SO312	.03090	6.4812	1.0	V
9023	54410.26	38 14S	73 29W	111.9	188.2	2.385	15.05	33.1	SO312	.03090	6.5080	0.8	A
9024	54429.86	39 35S	73 5W	127.4	188.4	1.687	30.10	32.1	SO312	.02200	5.5247	1.4	A
9025	54446.06	40 4US	73 46W	118.7	188.5	2.033	21.35	31.0	SO312	.03090	6.9370	1.0	A
112 9001	58834.46	22 0N	84 16W	83.7	186.9	2.733	24.15	70.1	SO312	.03090	8.5922	0.4	A
9002	58938.46	14 54N	85 47W	81.2	186.6	3.090	17.85	70.8	SO312	.03090	8.8643	0.6	A
9003	58971.86	12 10N	86 10W	83.7	186.6	3.090	20.65	70.5	SO312	.03090	8.6746	0.8	F
9004	58977.86	12 10N	86 9W	84.6	186.6	2.872	22.05	70.5	SO312	.03090	8.5015	1.0	A
9005	59165.86	0 53S	89 33W	86.4	186.4	3.439	-24.50	63.6	SO312	.04090	8.4438	0.6	V
9006	59169.26	0 53S	89 36W	88.2	186.4	3.439	-25.55	63.6	SO312	.03090	8.1881	1.0	A
113 5001	63932.65	35 57N	104 12W	73.2	188.0	2.872	-5.60	62.3	SO315	.02260	9.8856	0.6	F
5002	63937.85	35 58N	104 11W	73.2	187.9	2.872	-4.55	62.3	SO315	.02260	9.9104	0.6	A
5003	63970.25	33 20N	104 31W	74.1	187.7	3.090	4.90	64.2	SO315	.02260	9.7785	0.8	F
5004	63975.65	33 20N	104 30W	74.4	187.7	2.872	6.30	64.3	SO315	.02260	9.7372	0.6	A
9001	63932.45	35 58N	104 12W	73.2	188.0	2.872	-5.60	62.3	SO312	.03090	9.8868	0.8	F
9002	63937.85	35 57N	104 11W	73.2	187.9	2.872	-4.55	62.3	SO312	.03090	9.9115	0.6	A
9003	63970.25	33 20N	104 31W	74.2	187.7	3.090	4.90	64.2	SO312	.03090	9.7796	0.6	F
9004	63975.65	33 20N	104 30W	74.4	187.7	2.872	6.30	64.3	SO312	.03090	9.7384	0.6	A
9005	64001.45	31 16N	105 53W	82.2	187.5	2.733	-29.05	65.0	SO312	.03090	8.7818	1.0	F
9006	64017.65	30 20N	105 56W	77.8	187.4	2.872	-24.15	65.6	SO312	.03090	9.4085	1.0	V
9007	64024.25	29 41N	106 1W	78.2	187.4	2.872	-23.10	66.0	SO312	.03090	9.2189	1.0	F
9008	64030.05	29 16N	106 21W	83.7	187.4	2.511	-31.15	66.0	SO312	.03090	8.6004	0.8	F
9009	64033.25	29 17N	106 23W	83.1	187.4	2.733	-31.85	66.0	SO312	.03090	8.8231	1.0	V
9010	64040.85	28 53N	105 53W	74.0	187.3	3.090	-10.50	66.6	SO312	.03090	9.8043	0.8	A
9011	64047.85	28 10N	105 30W	74.6	187.3	3.090	10.50	67.4	SO312	.03090	9.8208	0.4	V
9012	64050.45	28 10N	105 30W	75.6	187.3	3.090	10.85	67.4	SO312	.03090	9.5570	0.6	A
9013	64055.65	27 49N	105 42W	74.1	187.3	3.090	5.60	67.4	SO312	.03090	9.7631	1.0	A
9014	64067.85	26 52N	106 29W	75.2	187.2	3.090	-19.25	67.5	SO312	.03090	9.7549	0.8	V
9015	64075.45	26 24N	106 29W	74.4	187.2	3.211	-15.75	67.7	SO312	.03090	9.7549	0.8	A
9016	64067.05	25 55N	107 7W	83.4	187.1	2.733	-31.85	67.7	SO312	.03090	8.7901	1.0	V
9017	64101.05	24 27N	105 50W	82.5	187.1	2.733	26.25	69.3	SO312	.03090	8.8808	0.8	V
9018	64112.25	23 58N	106 51W	75.0	187.0	3.211	-10.50	68.8	SO312	.03090	9.6642	0.8	A
9019	64121.65	23 16N	106 26W	77.5	187.0	3.090	12.95	69.5	SO312	.03090	9.3178	0.8	A
9020	64144.25	21 41N	106 32W	81.8	186.9	2.872	21.00	70.1	SO312	.03090	8.8613	0.8	A
114 9001	67959.05	54 53N	43 21E	124.8	348.7	-1.466	33.25	-16.5	SO312	.29770	5.7226	1.0	A
117 5001	84744.64	64 45N	177 45E	81.2	195.1	1.332	-10.50	38.1	SO315	.02260	8.9869	0.6	V
5002	84747.44	64 46N	177 46E	82.1	195.0	1.332	-10.15	38.1	SO315	.02260	8.8220	0.6	A
9001	84679.44	64 54N	179 23W	86.0	198.1	0.986	-16.10	34.1	SO312	.03090	8.3613	0.6	F
9002	84682.64	64 53N	179 22W	84.5	198.0	0.986	-15.40	34.2	SO312	.03090	8.6252	0.6	V
9003	84685.84	64 53N	179 21W	85.3	197.8	0.986	-15.05	34.2	SO312	.03090	8.4603	0.4	A
9004	84697.64	67 56N	178 38W	83.4	197.2	1.332	7.70	35.1	SO312	.03090	8.6499	0.6	A
9005	84740.84	64 47N	177 54E	81.8	195.3	1.332	-8.40	38.1	SO312	.04090	8.7983	0.6	F
118 9001	3951.24	44 54N	146 57E	77.7	189.0	2.385	-19.25	55.8	SO312	.03090	9.4188	0.4	V
9002	3954.04	44 54N	146 58E	78.3	189.0	2.385	-18.55	55.8	SO312	.03090	9.2601	0.4	A
9003	4838.64	16 24S	136 5E	96.0	186.7	2.872	16.45	52.5	SO312	.03090	7.4377	1.4	A
119 9001	9128.44	53 46N	127 13E	87.7	190.8	1.810	-29.75	47.9	SO312	.03090	8.2788	0.4	A
9002	9156.24	51 17N	128 1E	79.1	190.3	2.385	11.90	50.4	SO312	.04090	9.1447	0.8	F
9003	9162.04	51 16N	128 1E	79.3	190.3	2.170	12.95	50.4	SO312	.04090	9.1199	0.6	A
9004	9852.44	3 21N	117 34E	88.7	186.4	3.090	23.10	67.1	SO312	.02200	8.1716	0.6	F
9005	9859.04	3 20N	117 37E	90.8	186.4	2.872	25.55	67.2	SO312	.03090	7.8995	0.8	A
120 9001	14239.63	66 29N	112 26E	83.4	196.3	1.113	-13.65	36.5	SO312	.03090	8.6169	0.6	F
9002	14242.63	66 29N	112 25E	82.4	196.2	1.332	-14.00	36.5	SO312	.03090	8.8561	0.6	V
9003	14250.23	65 57N	112 20E	80.9	195.9	1.332	-8.75	37.0	SO312	.03090	9.0292	0.4	V
9004	14253.23	65 56N	112 21E	81.7	195.7	1.332	-8.40	37.0	SO312	.03090	8.8478	0.4	A
9005	14608.23	41 25N	102 52E	76.8	188.6	2.733	12.60	58.7	SO312	.03090	9.4415	0.4	F
9006	14645.63	38 58N	101 8E	79.5	188.3	2.511	-24.85	60.1	SO312	.03090	9.0622	0.4	F
9007	14648.43	38 58N	101 8E	78.4	188.3	2.511	-24.50	60.1	SO312	.03090	9.3343	0.4	V
9008	14651.03	38 57N	101 7E	78.2	188.2	2.511	-24.15	60.2	SO312	.03090	9.3508	0.6	V
9009	14653.83	38 57N	101 6E	78.9	188.2	2.511	-23.80	60.2	SO312	.03090	9.1941	0.6	A
9010	14661.23	38 55N	100 58E	76.8	188.2	2.511	-23.45	60.7	SO312	.03090	9.5322	0.6	V
9011	14664.03	38 54N	100 58E	77.6	188.1	2.733	-23.45	60.7	SO312	.03090	9.3591	0.6	A
9012	14673.83	37 41N	100 54E	75.3	188.1	2.733	-17.85	61.6	SO312	.03090	9.5982	1.0	F
9013	14679.23	37 40N	100 55E	74.9	188.0	2.733	-16.80	61.6	SO312	.03090	9.6972	1.0	A
9014	14686.03	36 26N	100 30E	78.5	188.0	2.511	-26.25	61.9	SO312	.03090	9.3261	1.2	V
121 9001	19480.63	71 0N	94 35E	83.7	199.9	0.986	-11.90	32.2	SO312	.03090	8.7076	0.6	V
9002	19692.03	56 43N	84 55E	79.6	191.8	1.810	-12.95	45.5	SO312	.02200	9.0540	1.8	F
9003	19697.63	56 43N	84 56E	79.3	191.7	2.033	-12.60	45.5	SO312	.02200	9.1282	2.0	A
9004	19717.03	55 8N	83 0E	97.5	191.3	1.332	-38.15	46.7	SO312	.02200	7.3718	1.0	F
9005	19724.03	55 8N	82 60E	96.8	191.1	1.687	-38.15	46.7	SO312	.02200	7.4872	1.0	A
9006	19734.83	53 48N	83 59E	77.6	190.9	2.170	-7.70	48.1	SO312	.04090	9.3013	0.6	F

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
121 9007	19737.63	53 47N	83 59E	76.6	190.9	2.170	-7.35	48.1	SO312	.0409U	9.5570	0.6	V
9008	19744.03	53 3ON	84 27E	79.3	190.8	2.170	11.55	48.9	SO312	.0309U	9.1282	0.6	F
9009	19746.83	53 3ON	84 27E	78.4	190.7	2.170	11.90	48.9	SO312	.0309U	9.3426	0.6	V
9010	19791.43	49 57N	82 31E	77.0	190.0	2.170	-10.85	51.4	SO312	.0409U	9.3673	0.6	F
9011	19798.23	49 54N	81 43E	84.6	189.9	1.810	-27.65	51.6	SO312	.0309U	8.5015	0.4	F
9012	19801.83	49 51N	81 36E	85.3	189.9	2.033	-30.10	51.6	SO312	.0309U	8.5839	0.6	V
9013	19805.03	49 50N	81 36E	85.9	189.8	2.033	-29.75	51.6	SO312	.0309U	8.4438	0.4	A
9014	19845.03	46 20N	80 44E	84.8	189.3	2.033	-29.05	54.3	SO312	.0309U	8.4850	0.6	F
9015	19849.63	46 19N	80 50E	81.3	189.3	2.033	-25.55	54.4	SO312	.0309U	8.9962	0.8	V
9016	19852.63	46 18N	80 50E	82.0	189.2	2.385	-25.55	54.4	SO312	.0309U	8.8478	0.8	A
9017	19857.03	45 54N	80 52E	79.4	189.2	2.385	-22.05	54.7	SO312	.0309U	9.1364	0.8	A
9018	19884.63	43 59N	81 42E	81.7	188.9	2.511	22.75	57.0	SO312	.0309U	8.9715	0.4	V
9019	19887.63	43 59N	81 42E	82.9	188.9	2.511	23.10	57.0	SO312	.0220U	8.7159	0.4	A
9020	19921.03	41 15N	80 16E	73.2	188.5	2.733	-1.75	58.6	SO312	.0409U	10.0105	0.6	V
9021	19976.63	37 10N	79 55E	80.4	188.1	2.733	21.00	62.0	SO312	.0309U	9.0292	0.6	F
9022	19982.43	37 10N	79 56E	81.1	188.1	2.511	22.40	62.0	SO312	.0309U	8.9138	0.6	A
9023	20008.23	35 28N	79 32E	80.2	187.9	2.511	24.15	63.3	SO312	.0220U	9.0210	0.8	A
9024	20022.03	34 12N	77 34E	89.1	187.8	2.385	-35.70	63.2	SO312	.0168U	8.0809	1.0	F
9025	20025.23	34 12N	77 34E	87.7	187.8	2.385	-35.35	63.2	SO312	.0168U	8.3551	1.0	V
9026	20029.03	34 9N	77 34E	87.0	187.7	2.385	-35.70	63.2	SO312	.0220U	8.3613	0.6	A
9027	20036.83	33 59N	78 8E	72.9	187.7	2.872	-12.25	64.0	SO312	.0220U	9.9445	0.8	A
9028	20057.83	31 47N	78 34E	78.3	187.6	2.872	17.85	65.6	SO312	.0220U	9.3673	1.0	V
9029	20072.23	30 45N	76 47E	90.9	187.5	2.385	-37.45	65.2	SO312	.0220U	7.9243	0.6	F
9030	20075.43	30 45N	76 47E	89.5	187.5	2.385	-37.10	65.2	SO312	.0220U	8.1881	1.4	V
9031	20079.23	30 42N	76 48E	89.8	187.5	2.733	-36.75	65.3	SO312	.0220U	8.1057	0.8	A
9032	20087.23	30 2ON	77 26E	74.6	187.4	3.090	-10.50	66.1	SO312	.0309U	9.7156	1.0	A
9033	20100.43	28 54N	77 22E	74.0	187.3	3.090	-3.50	67.0	SO312	.0309U	9.7879	0.8	F
9034	20105.23	28 37N	77 7E	74.1	187.3	3.090	-11.90	66.9	SO312	.0309U	9.8951	1.0	V
9035	20109.43	28 31N	77 3E	75.3	187.3	3.090	-13.65	66.9	SO312	.0309U	9.6312	0.8	A
9036	20124.03	27 11N	77 58E	87.8	187.2	2.511	30.80	68.4	SO312	.0220U	8.3366	0.8	V
9037	20127.23	27 11N	77 57E	88.9	187.2	2.511	30.80	68.4	SO312	.0309U	8.1057	1.0	A
9038	20151.63	25 16N	75 53E	86.3	187.1	2.733	-32.90	67.9	SO312	.0309U	8.3613	1.2	F
9039	20155.23	25 13N	75 53E	84.7	187.1	2.733	-32.20	68.0	SO312	.0309U	8.6582	0.8	V
9040	20158.83	25 12N	75 51E	86.0	187.1	2.733	-32.55	68.0	SO312	.0309U	8.4603	0.8	A
9041	20187.63	22 48N	75 48E	77.3	187.0	3.090	-18.90	69.1	SO312	.0309U	9.3426	0.8	F
9042	20198.43	22 19N	76 27E	77.4	186.9	3.090	12.60	69.9	SO312	.0309U	9.3178	1.0	A
9043	20231.63	19 54N	75 24E	75.0	186.8	3.211	-12.95	69.9	SO312	.0220U	9.7631	0.8	V
9044	20240.83	19 6N	74 47E	85.5	186.8	2.872	-31.50	69.6	SO312	.0309U	8.4108	0.8	F
9045	20243.83	19 6N	74 47E	84.3	186.8	2.872	-31.15	69.6	SO312	.0309U	8.6746	1.2	V
9046	20247.63	19 4N	74 45E	85.9	186.8	3.090	-31.50	69.6	SO312	.0309U	8.4603	1.0	A
9047	20256.03	18 29N	74 35E	87.6	186.8	3.090	-33.60	69.6	SO312	.0309U	8.2871	1.2	A
9048	20272.23	17 0N	74 27E	83.7	186.7	3.090	-30.10	69.8	SO312	.0309U	8.7406	0.8	V
9049	20278.63	16 43N	74 16E	87.0	186.7	2.872	-33.60	69.7	SO312	.0309U	8.4025	0.6	V
9050	20286.83	15 54N	74 3AE	77.1	186.7	3.211	-15.40	70.1	SO312	.0309U	9.3591	1.2	F
9051	20292.63	15 54N	74 30E	78.6	186.7	3.439	-19.60	70.0	SO312	.0309U	9.2106	1.0	A
9052	20314.23	13 59N	74 32E	76.2	186.6	3.439	-4.55	70.2	SO312	.0409U	9.4910	0.4	F
9053	20318.83	13 58N	74 41E	77.0	186.6	3.439	4.20	70.4	SO312	.0409U	9.4168	0.4	F
9054	20324.03	13 28N	74 43E	76.9	186.6	3.211	7.70	70.4	SO312	.0409U	9.5157	0.6	V
9055	20328.23	13 27N	74 42E	78.2	186.6	3.211	8.75	70.4	SO312	.0409U	9.2271	0.6	A
122 9001	24647.03	79 53N	91 10E	86.6	217.5	0.417	-7.35	23.4	SO312	.0309U	8.4025	0.8	V
9002	24650.23	79 53N	91 9E	87.5	216.8	0.417	-7.35	23.4	SO312	.0309U	8.2294	0.8	A
9003	24750.63	73 52N	75 49E	85.4	202.8	0.776	-11.20	29.7	SO312	.0309U	8.4438	0.4	A
9004	24989.63	57 53N	62 44E	82.5	192.0	1.687	-22.05	44.7	SO312	.0309U	8.8561	0.4	V
9005	24996.43	56 52N	62 44E	80.6	191.8	1.687	-16.10	45.4	SO312	.0409U	8.9385	0.4	F
9006	25003.03	56 27N	62 1E	86.8	191.7	1.475	-27.30	45.6	SO312	.0309U	8.2871	1.8	F
9007	25009.23	56 27N	62 1E	86.4	191.6	1.687	-27.30	45.6	SO312	.0309U	8.3860	0.6	A
9008	25010.43	56 26N	61 59E	86.4	191.5	1.687	-27.30	45.7	SO312	.0309U	8.3860	0.6	A
9009	25018.83	55 23N	61 34E	87.0	191.4	1.475	-28.00	46.6	SO312	.0409U	8.2706	1.4	F
9010	25021.83	55 11N	61 30E	86.9	191.3	1.475	-28.00	46.8	SO312	.0409U	8.2788	0.8	F
9011	25025.03	55 11N	61 29E	85.8	191.2	1.687	-28.35	46.8	SO312	.0409U	8.5180	0.8	V
9012	25029.03	55 7N	61 30E	85.7	191.2	1.687	-26.95	46.8	SO312	.0409U	8.4520	0.4	A
9013	25032.63	54 59N	61 35E	83.1	191.1	1.687	-23.10	47.1	SO312	.0309U	8.7241	0.4	A
9014	25036.63	54 59N	61 33E	80.8	191.0	1.687	-18.55	47.7	SO312	.0309U	8.9220	0.8	F
9015	25039.63	54 58N	61 33E	79.6	191.0	1.687	-18.20	47.8	SO312	.0309U	9.1859	0.8	V
9016	25047.83	53 24N	60 58E	84.4	190.8	1.687	-25.90	48.3	SO312	.0309U	8.5345	0.4	F
9017	25052.43	53 5N	60 58E	82.8	190.7	1.687	-23.10	48.6	SO312	.0409U	8.7076	0.4	F
9018	25055.43	53 5N	60 57E	81.7	190.7	1.687	-23.10	48.6	SO312	.0409U	8.9550	0.4	V
9019	25058.43	53 5N	60 58E	82.4	190.6	2.033	-23.10	48.6	SO312	.0409U	8.7983	0.4	A
9020	25062.23	52 58N	60 37E	84.2	190.6	1.810	-27.30	49.0	SO312	.0409U	8.6746	0.6	V
9021	25065.43	52 56N	60 36E	85.1	190.5	1.810	-27.30	49.0	SO312	.0409U	8.5097	0.4	A
9022	25079.03	51 49N	60 37E	79.1	190.3	2.033	-16.80	50.3	SO312	.0409U	9.1179	0.4	F
9023	25081.83	51 49N	60 37E	77.9	190.3	2.033	-16.45	50.3	SO312	.0409U	9.3920	0.4	V
9024	25083.03	51 48N	60 35E	78.0	190.2	2.033	-16.45	50.4	SO312	.0409U	9.3858	0.4	V
9025	25085.83	50 59N	60 32E	77.8	190.2	2.033	-16.10	50.5	SO312	.0409U	9.4085	0.4	V
9026	25088.63	50 59N	60 32E	78.5	190.2	2.033	-15.75	50.5	SO312	.0409U	9.2354	0.6	A
9027	25444.03	26 18N	55 19E	79.1	187.2	2.872	18.90	68.6	SO312	.0309U	9.2601	1.0	V
9028	25452.83	25 57N	54 33E	74.7	187.1	3.211	-8.75	68.2	SO312	.0309U	9.7054	1.0	A
9029	25468.23	24 51N	54 21E	74.5	187.1	3.211	-6.30	68.8	SO312	.0309U	9.7054	0.8	F
9030	25473.83	24 50N	54 21E	74.5	187.1	3.211	-5.25	68.8	SO312	.0309U	9.7136	0.6	A
9031	25484.83	23 40N	55 7E	89.0	187.0	2.511	30.45	69.9	SO312	.0309U	8.0974	1.2	A
9032	25497.03	22 42N	54 2E	73.8	187.0	3.211	-4.55	69.5	SO312	.0309U	9.9280	1.0	V
9033	25499.23	22 39N	53 60E	73.8	187.0	3.211	-4.55	69.5	SO312	.0309U	9.9280	1.0	V
9034	25506.43	22 12N	54 19E	77.3	186.9	3.090	11.90	69.9	SO312	.0309U	9.3343	0.8	A
9035	25544.03	19 59N	54 12E	86.0	186.6	2.733	26.25	70.8	SO312	.0309U	8.3613	1.0	A
9036	25571.03	17 43N	54 2E	92.3	186.7	2.511	32.55	71.2	SO312	.0168U	7.7923	1.4	A
9037	25581.43	16 41N	53 45E	75.6	186.7	3.439	1.75	70.5	SO312	.0309U	9.5817	0.8	F

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
122 9038	25591.23	16 17N	52 10E	84.9	186.7	3.090	-30.80	69.8	S0312	.03090	8.6169	1.0	V
9039	25595.23	16 15N	52 11E	84.9	186.7	3.090	-29.40	69.8	S0312	.01680	8.5510	0.4	A
9040	25678.23	10 27N	51 21E	81.9	186.5	3.439	-22.40	69.1	S0312	.03090	8.8396	0.8	A
9041	26041.43	14 52S	48 0E	95.4	186.7	2.872	18.90	53.8	S0312	.03090	7.6109	1.0	V
9042	26051.83	15 03S	47 38E	91.4	186.7	3.090	10.15	53.1	S0312	.03090	7.9408	1.0	V
9043	26099.83	18 05S	47 32E	103.2	186.8	2.511	25.90	50.5	S0312	.03090	7.0337	0.6	V
9044	26103.63	18 05S	47 32E	105.0	186.8	2.511	26.25	50.5	S0312	.03090	6.7781	0.6	A
9045	26146.23	21 04S	45 9E	109.7	186.9	3.439	-33.60	47.1	S0312	.03090	6.5389	1.0	A
9046	26183.03	24 11S	45 18E	97.8	187.1	3.439	-13.65	45.2	S0312	.03090	7.3141	1.2	A
123 9001	30283.03	58 4N	42 5E	78.7	192.3	1.810	4.55	44.4	S0312	.04090	9.1777	0.6	F
9002	30289.23	57 52N	41 46E	77.3	192.1	1.810	0.00	44.6	S0312	.04090	9.4663	0.4	V
9003	30292.03	57 52N	41 46E	78.1	192.1	1.810	0.35	44.6	S0312	.04090	9.2601	0.4	A
9004	30299.83	57 0N	40 59E	78.7	191.9	1.810	-9.45	45.3	S0312	.04090	9.1612	0.6	F
9005	30302.63	57 0N	40 59E	77.6	191.8	1.810	-9.10	45.3	S0312	.04090	9.4168	0.6	V
9006	30310.63	56 24N	41 20E	77.4	191.7	2.033	5.25	45.9	S0312	.04090	9.4415	0.6	V
9007	30313.43	56 24N	41 20E	78.3	191.6	2.033	5.60	45.9	S0312	.04090	9.2271	0.8	A
9008	30317.43	55 56N	41 13E	77.7	191.5	2.033	7.35	46.4	S0312	.04090	9.4168	0.8	V
9009	30322.63	55 56N	40 53E	76.9	191.4	2.033	2.80	46.6	S0312	.04090	9.5157	0.4	V
9010	30325.43	55 56N	40 53E	77.7	191.4	2.033	3.15	46.6	S0312	.04090	9.3013	0.4	A
9011	30332.63	55 10N	40 12E	78.0	191.2	2.033	-9.45	46.9	S0312	.04090	9.2849	0.4	A
9012	30337.63	54 41N	39 35E	80.4	191.1	1.810	-19.95	47.3	S0312	.04090	9.1034	0.8	V
9013	30340.63	54 40N	39 34E	81.3	191.1	1.810	-19.95	47.3	S0312	.04090	8.9220	0.8	A
9014	30358.03	52 55N	40 30E	82.9	190.8	2.170	19.60	49.2	S0312	.04090	8.7489	0.4	F
9015	30362.43	52 56N	40 15E	80.9	190.7	2.170	16.10	49.4	S0312	.04090	8.9550	0.4	F
9016	30368.03	52 41N	39 45E	76.2	190.6	2.170	3.85	49.4	S0312	.04090	9.6064	0.4	V
9017	30370.83	52 41N	39 43E	77.1	190.5	2.170	4.20	49.4	S0312	.04090	9.3838	0.4	A
9018	30379.03	51 56N	39 10E	76.5	190.4	2.170	-2.10	50.1	S0312	.04090	9.4415	1.0	F
9019	30383.43	51 41N	39 11E	76.4	190.3	2.170	-1.75	50.1	S0312	.04090	9.4745	0.4	A
9020	30384.43	51 56N	39 10E	76.4	190.3	2.170	-1.75	50.1	S0312	.04090	9.4745	1.0	A
9021	30479.43	45 3N	35 58E	87.6	189.1	2.033	-33.60	55.3	S0312	.03090	8.3531	0.6	V
9022	30482.63	45 3N	35 58E	88.2	189.1	2.033	-33.25	55.3	S0312	.03090	8.2294	0.6	A
9023	30620.23	35 9N	33 57E	79.9	187.9	2.511	-24.15	62.8	S0312	.03090	9.0210	0.6	F
9024	30623.03	35 9N	33 57E	78.8	187.9	2.733	-24.15	62.8	S0312	.03090	9.2931	0.8	V
9025	30653.03	32 54N	35 6E	90.6	187.7	2.511	33.25	65.2	S0312	.01680	8.0974	0.6	V
9026	30656.43	32 54N	35 6E	92.1	187.6	2.511	33.60	65.2	S0312	.01680	7.8536	0.6	A
9027	30662.23	32 3N	34 54E	90.7	187.6	2.733	32.20	65.7	S0312	.01680	8.0067	0.8	F
9028	30663.83	31 56N	34 52E	90.7	187.6	2.733	32.20	65.8	S0312	.01680	8.0067	0.6	F
9029	30667.03	31 56N	34 52E	90.2	187.6	2.511	32.90	65.8	S0312	.01680	8.1304	0.6	V
9030	30677.83	31 7N	33 50E	74.6	187.5	3.090	3.85	65.8	S0312	.02200	9.7136	0.8	F
9031	30683.23	31 7N	33 50E	74.7	187.5	3.090	4.55	65.8	S0312	.02200	9.6889	0.8	A
9032	30690.83	30 15N	33 25E	73.9	187.5	3.090	-5.60	66.1	S0312	.02200	9.7879	1.0	F
9033	30696.23	30 14N	33 25E	73.9	187.4	3.090	-4.55	66.2	S0312	.02200	9.8043	1.0	A
9034	30709.63	28 57N	33 12E	74.1	187.4	3.090	-3.15	66.9	S0312	.02200	9.7681	1.0	F
9035	30715.23	28 43N	33 22E	74.0	187.3	3.090	5.60	67.2	S0312	.03090	9.8951	1.0	V
9036	30721.23	28 16N	33 38E	79.2	187.3	2.872	19.25	67.6	S0312	.04090	9.2601	0.6	V
9037	30724.23	28 15N	33 38E	80.5	187.3	2.872	19.95	67.7	S0312	.04090	8.9715	1.0	A
9038	30732.43	27 13N	33 49E	90.0	187.3	2.733	31.50	68.4	S0312	.01680	8.0727	1.0	F
9039	30735.63	27 14N	33 48E	89.1	187.2	2.511	31.85	68.4	S0312	.01680	8.2494	1.0	V
9040	30748.63	26 55N	33 8E	77.5	187.2	3.090	14.00	68.4	S0312	.02200	9.3096	0.8	A
9041	30756.23	25 43N	32 43E	74.8	187.2	3.211	3.50	68.5	S0312	.02200	9.6972	0.8	F
9042	30761.63	25 43N	32 43E	75.0	187.1	3.211	4.55	68.6	S0312	.02200	9.6477	0.8	A
9043	30776.43	24 27N	32 58E	82.2	187.1	2.872	23.45	69.4	S0312	.01680	8.9220	0.8	V
9044	30779.43	24 27N	32 58E	83.4	187.1	2.872	23.80	69.5	S0312	.01680	8.6499	0.8	A
9045	30783.03	23 50N	32 50E	81.0	187.0	2.872	21.70	69.6	S0312	.01680	9.0540	0.8	V
9046	30786.03	23 50N	32 49E	82.2	187.0	2.872	22.05	69.6	S0312	.01680	8.7818	0.8	A
9047	30807.63	22 24N	31 37E	75.3	187.0	3.211	-14.70	69.3	S0312	.02200	9.7219	0.6	V
9048	30810.43	22 24N	31 37E	76.1	186.9	3.211	-14.35	69.4	S0312	.02200	9.5240	0.6	A
9049	30814.43	21 51N	31 32E	75.9	186.9	3.211	-13.65	69.5	S0312	.03090	9.5405	1.0	A
9050	30859.63	18 9N	31 50E	83.9	186.8	3.090	23.10	70.9	S0312	.03090	8.6582	1.0	F
9051	30870.23	18 4N	30 58E	74.7	186.8	3.439	-8.40	70.3	S0312	.03090	9.8043	1.0	V
9052	30943.23	13 12N	30 14E	76.3	186.6	3.439	-1.05	70.2	S0312	.03090	9.4580	1.0	A
9053	30974.43	11 4N	29 44E	77.0	186.6	3.439	-6.30	69.6	S0312	.02200	9.3858	0.6	A
9054	31209.63	5 21S	26 60E	82.7	186.5	3.439	-2.10	60.9	S0312	.03090	8.8066	1.0	V
9055	31216.83	6 6S	26 55E	84.0	186.5	3.439	-0.70	60.4	S0312	.03090	8.5839	0.8	F
9056	31239.63	7 15S	27 24E	96.8	186.5	2.733	25.90	60.0	S0312	.03090	7.3718	1.0	A
9057	31255.03	8 37S	25 16E	109.5	186.5	2.872	-41.30	57.6	S0312	.02200	6.5224	0.6	F
9058	31259.63	8 39S	25 11E	110.5	186.5	3.090	-42.70	57.6	S0312	.02200	6.5984	0.8	V
9059	31263.63	8 38S	25 11E	111.5	186.5	3.090	-42.35	57.6	S0312	.02200	6.4812	0.8	A
9060	31273.23	9 26S	25 46E	90.6	186.5	3.574	-21.35	57.5	S0312	.03090	7.9408	0.8	A
9061	31383.83	17 48S	24 16E	96.3	186.7	3.211	-22.75	50.9	S0312	.03090	7.4295	0.6	F
9062	31389.43	17 47S	24 11E	96.3	186.8	3.439	-24.15	50.7	S0312	.02200	7.5367	0.4	V
9063	31393.03	17 47S	24 11E	97.2	186.8	3.439	-23.45	50.7	S0312	.02200	7.3883	0.4	A
9064	31405.63	18 29S	24 5E	96.6	186.8	3.439	-21.35	50.0	S0312	.03090	7.4295	1.0	A
9065	31439.43	21 14S	25 20E	114.8	186.9	2.170	33.95	48.6	S0312	.03090	6.3080	1.0	V
9066	31492.63	24 04S	24 40E	117.6	187.1	2.033	32.90	45.7	S0312	.03090	6.0277	1.0	A
9067	31535.63	27 48S	21 39E	116.5	187.3	2.872	-35.00	41.6	S0312	.03090	6.1101	0.6	F
9068	31540.03	27 49S	21 39E	115.2	187.3	3.090	-35.00	41.6	S0312	.03090	6.2751	0.6	V
9069	31552.83	28 31S	22 13E	101.5	187.3	3.211	-15.75	41.3	S0312	.03090	7.0254	1.2	A
9070	31560.63	29 08S	22 47E	101.0	187.4	2.872	7.35	40.7	S0312	.03090	7.0914	1.2	F
9071	31568.03	29 36S	22 24E	99.8	187.4	3.090	-3.85	40.5	S0312	.03090	7.1326	1.2	A
9072	31572.03	29 52S	22 19E	100.0	187.4	3.090	-4.20	40.3	S0312	.03090	7.1162	1.2	A
9073	31625.43	33 32S	22 12E	106.3	187.7	2.511	14.70	37.2	S0312	.03090	6.6709	1.0	A
124 5001	35661.62	53 27N	16 34E	86.5	190.8	1.810	-30.10	48.3	S0315	.02260	8.4675	0.6	V
5002	35664.82	53 27N	16 35E	86.9	190.7	1.810	-29.40	48.3	S0315	.02260	8.3458	0.4	A

Handle via
BYEMAN Channels
BYE-8915/84

Approved for Release: 2021/01/22 C05132886

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
124 9001	35494.22	64 42N	24 27E	94.3	195.1	1.475	16.10	38.4	SO312	.0409U	8.5757	1.2	A
9002	35639.82	54 35N	18 28E	77.8	191.2	2.170	4.90	47.6	SO312	.0409U	9.2951	0.6	F
9003	35642.62	54 35N	18 28E	76.9	191.1	2.170	5.25	47.6	SO312	.0409U	9.5157	0.6	V
9004	35647.42	54 26N	18 41E	79.8	191.0	2.170	12.60	47.8	SO312	.0541U	9.0622	1.2	A
9005	35657.62	53 42N	16 55E	82.5	190.9	1.810	-24.50	48.1	SO312	.0409U	8.8726	0.4	V
9006	35674.42	52 51N	16 51E	78.1	190.6	2.033	-16.10	49.2	SO312	.0409U	9.3673	0.4	V
9007	35677.22	52 41N	16 51E	78.9	190.5	2.033	-15.75	49.2	SO312	.0409U	9.1859	0.4	A
9008	35687.42	51 33N	17 18E	76.1	190.4	2.170	5.25	50.3	SO312	.0409U	9.6147	0.6	V
9009	35694.02	50 52N	17 25E	79.7	190.3	2.385	14.35	50.9	SO312	.0220U	9.0869	0.6	F
9010	35699.82	50 24N	17 25E	79.9	190.2	2.170	15.40	50.9	SO312	.0220U	9.0457	0.6	A
9011	35706.42	50 26N	16 42E	76.0	190.1	2.385	-1.05	51.1	SO312	.0409U	9.5240	0.6	A
9012	35710.82	50 11N	16 28E	75.8	190.0	2.385	-4.55	51.4	SO312	.0409U	9.5487	0.6	A
9013	35715.22	49 51N	16 14E	75.9	189.9	2.385	-5.60	51.9	SO312	.0409U	9.5240	0.4	F
9014	35717.82	49 51N	16 15E	74.9	189.9	2.385	-5.25	51.9	SO312	.0409U	9.7714	0.6	V
9015	35721.02	49 7N	16 9E	75.8	189.9	2.385	-4.20	52.3	SO312	.0409U	9.5405	0.6	F
9016	35723.82	49 6N	16 9E	74.8	189.8	2.385	-3.85	52.3	SO312	.0409U	9.7796	0.6	V
9017	35727.22	48 52N	16 3E	74.9	189.8	2.385	-4.55	52.5	SO312	.0409U	9.7796	0.6	V
9018	35730.02	48 52N	16 3E	75.7	189.7	2.385	-4.20	52.5	SO312	.0409U	9.5652	0.6	A
9019	35734.42	48 40N	16 36E	89.1	189.4	2.385	29.40	54.7	SO312	.0309U	8.1551	0.4	F
9020	35757.62	46 59N	16 36E	88.4	189.4	2.170	30.10	54.7	SO312	.0309U	8.3036	0.4	V
9021	35767.02	45 56N	15 32E	76.3	189.3	2.511	7.00	55.0	SO312	.0409U	9.4910	0.6	F
9022	35769.82	45 55N	15 32E	75.5	189.3	2.511	7.35	55.0	SO312	.0409U	9.7136	0.6	V
9023	35780.42	45 17N	14 35E	76.8	189.1	2.385	-16.80	55.3	SO312	.0409U	9.5322	0.4	V
9024	35783.22	45 17N	14 34E	77.5	189.1	2.385	-16.45	55.3	SO312	.0409U	9.3508	0.4	A
9025	35795.42	44 50N	15 23E	79.5	189.0	2.511	18.55	56.6	SO312	.0309U	9.2271	0.8	V
9026	35798.42	44 7N	15 23E	80.6	188.9	2.511	18.90	56.6	SO312	.0309U	8.9715	0.8	A
9027	35840.42	38 40N	13 22E	74.8	188.2	2.872	4.20	61.1	SO312	.0309U	9.6849	0.6	F
9028	35885.82	38 40N	13 22E	75.0	188.2	2.733	5.25	61.1	SO312	.0309U	9.6959	1.0	A
9029	35960.02	32 48N	12 49E	86.2	187.7	2.511	29.05	65.2	SO312	.0309U	8.5180	0.6	V
9030	35963.02	32 49N	12 50E	87.5	187.6	2.511	29.40	65.2	SO312	.0309U	8.2541	0.6	A
9031	35970.62	32 5N	12 32E	82.6	187.6	2.733	25.20	65.6	SO312	.0309U	8.8726	0.6	V
9032	35973.62	32 6N	12 32E	84.0	187.6	2.511	25.90	65.6	SO312	.0309U	8.6004	0.6	A
9033	36003.82	30 42N	10 30E	86.0	187.4	2.733	-34.25	65.7	SO312	.0309U	8.4438	0.8	A
9034	36865.02	25 30N	10 22E	74.0	187.1	3.211	-4.90	68.5	SO312	.0309U	9.7796	1.4	F
9035	36070.22	25 9N	10 9E	74.6	187.1	3.211	-10.85	68.5	SO312	.0220U	9.6972	0.4	F
9036	36075.02	24 60N	10 11E	73.4	187.1	3.211	-8.05	68.6	SO312	.0309U	9.9775	1.0	V
9037	36086.22	24 30N	9 30E	82.9	187.1	3.090	-29.75	68.4	SO312	.0309U	8.7971	0.8	A
125 9001	40927.82	55 59N	3 10W	76.8	191.5	2.033	2.45	46.3	SO312	.0409U	9.5322	0.6	V
9002	40929.82	55 59N	3 10W	77.6	191.5	2.033	2.80	46.3	SO312	.0409U	9.3178	0.6	A
9003	41007.82	50 26N	5 1W	76.8	190.1	2.385	9.45	51.2	SO312	.0409U	9.5322	0.6	U
9004	41010.62	50 26N	5 1W	77.8	190.1	2.385	9.80	51.2	SO312	.0409U	9.2931	0.6	A
9005	41180.22	38 45N	9 8W	75.0	188.2	2.733	-14.70	60.4	SO312	.0309U	9.7631	0.6	V
9006	41183.02	38 45N	9 9W	75.8	188.2	2.733	-14.35	60.5	SO312	.0309U	9.5652	1.0	A
9007	41193.42	37 59N	8 52W	74.4	188.1	2.733	2.10	61.2	SO312	.0409U	9.7301	0.8	A
9008	41315.82	29 4N	10 3W	88.6	187.4	2.733	30.45	67.5	SO312	.0168U	8.2046	1.0	F
9009	41326.62	28 26N	11 5W	74.0	187.3	3.090	-2.80	67.2	SO312	.0309U	9.7879	0.6	F
9010	41331.82	28 26N	11 5W	74.1	187.3	3.090	-1.75	67.2	SO312	.0309U	9.7714	0.8	A
9011	41338.62	27 58N	10 52W	76.3	187.3	3.090	11.20	67.7	SO312	.0220U	9.4580	0.8	A
9012	41347.62	27 9N	10 59W	76.1	187.2	3.090	12.95	68.1	SO312	.0309U	9.6229	1.2	V
9013	41357.22	26 45N	11 41W	75.0	187.2	3.211	-11.90	67.8	SO312	.0220U	9.6559	0.4	A
9014	41372.62	25 16N	11 34W	74.6	187.1	3.211	3.85	68.8	SO312	.0220U	9.7136	1.2	F
9015	41409.82	22 48N	12 39W	78.1	187.0	3.090	-20.65	69.1	SO312	.0220U	9.2436	0.6	F
9016	41414.62	22 48N	12 28W	75.4	187.0	3.090	-12.25	69.3	SO312	.0309U	9.6064	1.0	A
9017	41430.22	21 42N	13 1W	80.1	186.9	3.090	-24.50	69.4	SO312	.0168U	9.0045	1.0	F
9018	41442.02	20 52N	13 2W	77.8	186.9	3.211	-19.25	69.7	SO312	.0309U	9.2684	0.8	F
9019	41482.82	17 48N	12 30W	83.7	186.8	2.872	24.15	71.0	SO312	.0309U	8.7489	1.0	V
9020	41541.82	13 47N	13 39W	76.9	186.6	3.211	8.05	70.5	SO312	.0309U	9.5157	1.0	V
9021	41551.02	13 5N	13 18W	86.9	186.6	2.733	26.60	70.9	SO312	.0309U	8.4108	1.0	V
9022	41555.82	12 52N	13 20W	89.6	186.6	2.733	29.35	70.8	SO312	.0309U	8.1057	1.0	F
9023	41561.02	12 37N	13 21W	89.1	186.6	2.733	27.65	70.8	SO312	.0309U	8.0562	1.2	A
9024	41585.02	11 0N	14 17W	77.5	186.6	3.439	2.45	69.8	SO312	.0309U	9.3013	1.0	A
126 9001	47324.02	19 29S	40 39W	115.0	186.8	2.385	33.95	50.1	SO312	.0220U	8.2586	1.0	F
127 9001	52734.61	25 36S	65 54W	102.8	187.1	3.211	-26.25	43.7	SO312	.0309U	7.0254	0.6	V
9002	52738.41	25 36S	65 55W	104.1	187.1	3.439	-26.25	43.7	SO312	.0309U	6.8688	0.6	A
9003	52761.41	28 25S	65 47W	98.5	187.3	3.090	-5.25	41.5	SO312	.0309U	7.2646	0.8	F
9004	52765.21	28 27S	65 43W	97.7	187.3	3.090	-2.80	41.5	SO312	.0309U	7.3883	0.6	V
9005	52766.81	28 33S	65 44W	97.6	187.3	3.090	-2.80	41.4	SO312	.0309U	7.3965	1.2	V
9006	52776.01	29 21S	66 49W	110.4	187.4	3.090	-26.70	40.2	SO312	.0309U	6.4482	1.0	F
9007	52780.61	29 43S	66 50W	109.4	187.4	3.090	-28.35	40.2	SO312	.0309U	6.6049	0.8	V
9008	52789.41	30 19S	66 16W	100.3	187.4	3.090	-8.05	39.7	SO312	.0309U	7.1244	1.0	F
9009	52793.01	30 19S	66 15W	99.2	187.4	3.090	-7.00	39.7	SO312	.0409U	7.2728	0.4	V
9010	52796.81	30 20S	66 15W	100.6	187.5	3.090	-6.65	39.7	SO312	.0309U	7.0749	0.4	A
9011	52811.21	31 00S	66 58W	104.4	187.5	3.090	-19.60	38.5	SO312	.0309U	6.9100	1.0	V
9012	52821.21	32 25S	67 22W	109.4	187.6	3.090	-25.20	37.5	SO312	.0309U	6.5142	0.8	F
9013	52831.61	33 15S	66 21W	103.9	187.7	2.733	8.05	37.3	SO312	.0309U	6.8853	0.8	F
9014	52839.61	33 17S	66 19W	105.1	187.7	2.733	9.80	37.3	SO312	.0309U	6.7451	0.4	A
9015	52846.41	34 4S	65 47W	116.9	187.7	2.170	26.95	36.9	SO312	.0309U	6.1596	0.8	V
9016	52850.41	34 21S	65 52W	116.4	187.8	2.170	26.25	36.6	SO312	.0309U	6.1926	0.6	V
9017	52854.01	34 33S	66 1W	114.3	187.8	2.170	24.15	36.4	SO312	.0309U	6.2998	0.3	V
9018	52867.21	35 2S	67 41W	107.1	187.9	3.090	-16.45	35.3	SO312	.0309U	6.6296	1.2	A
9019	52884.21	36 7S	68 17W	113.0	188.0	3.090	-24.85	34.1	SO312	.0309U	6.2916	1.0	A
9020	52915.61	38 55S	68 6W	106.7	188.2	2.733	-3.85	31.9	SO312	.0409U	6.6709	1.0	F

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
127 9021	52920.21	38 56S	68 1W	105.9	188.3	2.733	-1.05	31.9	S0312	.04090	6.7946	0.6	V
9022	52924.01	38 55S	68 9W	107.4	188.3	2.733	-3.85	31.9	S0312	.04090	6.5967	1.0	A
9023	52949.41	43 56S	68 57W	110.5	188.9	2.385	5.95	27.7	S0312	.04090	6.4835	0.6	V
9024	52993.41	43 37S	68 56W	112.3	188.9	2.385	6.30	27.7	S0312	.04090	6.2833	0.6	A
9025	53013.61	45 55S	69 0W	117.8	189.1	2.170	15.40	26.0	S0312	.04090	6.0359	0.8	F
129 5001	62443.61	35 6N	97 57W	73.8	187.9	2.872	1.05	63.3	S0315	.01710	9.8197	0.4	F
5002	62446.21	35 6N	97 57W	73.1	187.9	2.872	1.40	63.3	S0315	.02260	10.0341	0.6	V
5003	62449.01	35 6N	97 57W	74.0	187.8	2.872	1.75	63.3	S0315	.03150	9.8114	0.4	A
5004	62553.81	27 01N	99 30W	74.5	187.3	3.211	4.20	67.8	S0315	.02260	9.7372	0.6	F
5005	62559.21	27 00N	99 30W	74.8	187.2	3.090	5.25	67.8	S0315	.02260	9.6878	0.6	A
5006	62599.81	24 25N	100 58W	82.0	187.1	2.872	-29.40	68.5	S0315	.02260	8.7808	0.8	F
5007	62604.81	24 29N	101 2W	83.5	187.0	2.872	-31.15	68.4	S0315	.02260	8.7066	0.8	A
5008	62612.21	23 42N	100 37W	73.2	187.0	3.211	-10.15	69.1	S0315	.02260	10.0011	0.8	V
5009	62620.41	23 11N	101 7W	79.0	187.0	3.090	-26.25	68.9	S0315	.02260	9.2755	1.0	V
5010	62634.61	22 10N	100 59W	74.8	186.9	3.211	-12.95	69.5	S0315	.02260	9.7950	0.6	V
5011	62637.21	22 11N	100 59W	75.7	186.9	3.211	-12.60	69.5	S0315	.02260	9.5971	0.8	A
5012	62648.01	21 5N	101 34W	81.8	186.9	2.872	-28.35	69.4	S0315	.02260	8.8056	0.8	F
5013	62659.01	20 02N	101 4W	73.0	186.9	3.211	-3.50	70.1	S0315	.02260	10.0423	0.8	V
5014	62660.81	20 01N	101 4W	73.9	186.9	3.211	-3.15	70.1	S0315	.02260	9.8114	0.6	A
5015	62667.21	19 58N	101 2W	75.6	186.8	3.211	3.50	70.3	S0315	.02260	9.9599	0.8	V
5016	62671.81	19 46N	101 13W	74.0	186.8	3.434	-3.50	70.2	S0315	.02260	9.7950	1.0	A
5017	62684.61	18 50N	101 19W	75.2	186.8	3.439	1.40	70.5	S0315	.02260	9.6383	0.8	F
5018	62690.61	18 34N	101 10W	76.4	186.8	3.211	11.20	70.7	S0315	.02260	9.4981	1.0	F
5019	62697.81	17 33N	101 16W	77.6	186.7	3.211	10.85	70.8	S0315	.02260	9.3560	0.4	F
5020	62703.41	17 33N	101 16W	78.2	186.7	3.211	11.90	70.8	S0315	.02260	9.2508	0.4	A
134 5001	2091.40	68 4N	166 35E	88.0	197.7	1.475	19.95	35.4	S0315	.01710	8.2037	0.8	F
5002	2097.60	68 5N	166 34E	88.1	197.4	1.332	20.30	35.4	S0315	.01710	8.2037	1.0	A
135 5001	7728.39	46 7N	132 51E	80.2	189.3	2.385	13.60	55.2	S0315	.02260	9.1354	0.8	V
5002	7734.99	45 50N	133 8E	88.4	189.2	2.170	29.40	55.6	S0315	.01710	8.1872	0.4	A
5003	7749.99	44 28N	132 8E	77.8	189.0	2.733	12.95	56.5	S0315	.02260	9.3250	0.6	F
5004	7752.79	44 20N	132 8E	76.9	189.0	2.511	13.30	56.5	S0315	.02260	9.5311	0.6	V
136 9001	13049.59	44 54N	110 8E	77.0	189.1	2.385	12.25	56.2	S0312	.04090	9.4085	0.6	F
9002	13054.79	44 50N	110 7E	77.1	189.1	2.385	12.25	56.1	S0312	.03090	9.3756	0.8	A
9003	13060.79	44 41N	110 3E	77.6	189.0	2.385	14.00	56.5	S0312	.03090	9.3096	0.4	A
9004	13073.79	43 58N	109 39E	76.4	188.9	2.385	9.80	57.2	S0312	.04090	9.4663	0.6	A
9005	13110.19	40 52N	109 38E	88.1	188.5	2.385	30.80	59.6	S0312	.02200	8.3201	0.6	V
9006	13113.39	40 50N	109 38E	89.4	188.5	2.385	31.15	59.6	S0312	.02200	8.0644	0.8	A
9007	13224.79	33 5N	107 1E	74.1	187.7	2.872	8.75	64.9	S0312	.03090	9.8868	0.6	V
9008	13227.59	33 3N	107 0E	75.1	187.7	2.872	9.10	64.9	S0312	.03090	9.6312	0.6	A
9009	13311.39	27 21N	105 26E	73.1	187.2	3.211	-5.60	67.9	S0312	.03090	9.9033	0.4	A
9010	13609.79	6 33N	101 45E	77.5	186.5	3.439	1.05	66.2	S0312	.03090	9.4250	1.0	V
9011	13617.79	6 10N	102 15E	88.4	186.5	2.872	24.50	68.5	S0312	.03090	8.1222	1.2	A
9012	13634.99	4 54N	100 44E	86.8	186.5	3.211	-29.05	66.7	S0312	.03090	8.4025	1.0	V
9013	13641.59	4 36N	101 6E	79.9	186.5	3.439	-11.90	67.0	S0312	.03090	9.0375	0.8	A
9014	13646.79	4 2N	101 1E	79.1	186.4	3.439	-11.90	66.7	S0312	.03090	9.2354	0.6	V
9015	13657.59	3 14N	101 44E	87.7	186.4	2.872	23.45	67.0	S0312	.03090	8.3201	1.0	V
9016	13661.39	3 9N	101 42E	88.6	186.4	2.872	23.10	66.9	S0312	.03090	8.0974	0.4	A
9017	13676.19	1 42N	101 28E	88.9	186.4	3.090	22.75	66.1	S0312	.03090	8.1469	0.6	F
9018	13680.39	1 38N	101 26E	87.9	186.4	2.872	22.75	66.0	S0312	.03090	8.3036	0.6	V
9019	13692.79	0 53N	100 16E	83.0	186.4	3.439	-19.95	64.7	S0312	.03090	8.7901	1.0	V
137 9001	18159.59	58 27N	92 16E	77.5	192.3	1.810	-6.65	44.3	S0312	.03090	9.4333	0.4	V
9002	18162.39	58 27N	92 17E	78.3	192.2	1.810	-6.30	44.3	S0312	.03090	9.2354	0.4	A
9003	18202.39	55 26N	90 45E	78.2	191.4	1.810	-11.20	47.0	S0312	.04090	9.2271	0.6	F
9004	18205.19	55 25N	90 46E	77.1	191.3	1.810	-10.85	47.0	S0312	.04090	9.4828	0.6	V
9005	18211.39	55 15N	89 56E	86.0	191.2	1.687	-28.00	47.0	S0312	.04090	8.4190	0.6	A
9006	18212.59	55 10N	89 54E	85.9	191.2	1.687	-28.00	47.1	S0312	.04090	8.4273	0.4	A
9007	18215.99	54 50N	89 42E	87.9	191.1	1.687	-30.45	47.2	S0312	.02200	8.2459	0.4	A
9008	18282.19	49 59N	88 39E	77.3	190.0	2.170	-16.10	51.7	S0312	.03090	9.3261	1.0	F
9009	18319.79	47 46N	88 5E	76.0	189.5	2.385	-11.55	53.6	S0312	.03090	9.5405	0.8	A
9010	18365.19	44 11N	88 0E	79.4	189.0	2.511	17.85	56.8	S0312	.03090	9.1364	0.8	F
9011	18370.79	44 11N	88 0E	79.7	188.9	2.511	18.55	56.8	S0312	.03090	9.0787	1.0	A
9012	18376.99	43 26N	87 21E	74.3	188.9	2.733	4.20	57.3	S0312	.04090	9.7384	0.4	F
9013	18381.19	43 02N	87 11E	73.6	188.8	2.733	-1.75	57.2	S0312	.03090	9.8456	0.6	A
9014	18394.19	42 13N	87 20E	77.4	188.7	2.733	14.35	58.4	S0312	.03090	9.3673	0.8	F
9015	18399.59	42 13N	87 21E	77.8	188.7	2.511	15.75	58.4	S0312	.03090	9.2931	1.0	A
9016	18417.59	40 46N	87 14E	81.6	188.5	2.511	23.80	59.6	S0312	.03090	8.9880	0.4	V
9017	18420.59	40 46N	87 14E	82.9	188.5	2.511	24.15	59.6	S0312	.03090	8.7324	0.4	A
9018	18613.99	27 02N	83 26E	73.8	187.2	3.211	-2.80	67.8	S0312	.03090	9.8043	1.0	A
9019	18619.39	26 46N	83 27E	74.4	187.2	3.211	3.85	68.3	S0312	.02200	9.7384	1.0	F
9020	18638.59	25 29N	82 52E	74.4	187.1	3.211	-9.80	68.6	S0312	.03090	9.7054	1.0	F
9021	18643.39	25 10N	82 39E	75.9	187.1	3.211	-16.10	68.6	S0312	.03090	9.4992	1.0	F
9022	18764.19	17 8N	81 49E	78.8	186.7	3.090	14.00	70.9	S0312	.03090	9.1529	0.8	A
9023	18774.19	16 53N	81 48E	81.1	186.7	3.439	-24.85	70.1	S0312	.03090	8.9303	0.8	A
9024	18817.59	13 10N	80 6E	84.6	186.6	3.090	-28.70	69.6	S0312	.03090	8.5015	0.8	F
9025	18823.59	13 10N	80 6E	84.2	186.6	3.211	-28.00	69.6	S0312	.03090	8.6004	0.6	A
138 9001	23418.18	61 44N	71 58E	79.0	193.5	1.687	-4.20	41.3	S0312	.04090	9.1529	0.6	A

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
13A 9002	23427.78	60 42N	71 27E	78.9	193.3	1.687	-3.50	42.3	S0312	.0409U	9.1447	0.8	F
9003	23433.38	60 45N	71 27E	78.7	193.1	1.810	-3.15	42.3	S0312	.0409U	9.1859	0.8	A
9004	23515.78	54 50N	69 11E	77.0	191.2	2.170	6.65	47.6	S0312	.0409U	9.5075	0.6	V
9005	23518.58	54 50N	69 11E	77.9	191.2	2.170	7.00	47.6	S0312	.0409U	9.2849	0.6	A
9006	23558.18	51 50N	67 22E	77.1	190.5	2.170	-11.20	50.1	S0312	.0309U	9.3591	0.8	F
9007	23563.78	51 50N	67 22E	76.9	190.4	2.170	-10.50	50.1	S0312	.0309U	9.4250	0.8	A
9008	23576.18	51 7N	66 42E	80.3	190.2	2.170	-21.00	50.7	S0312	.0309U	9.0210	0.6	A
9009	23709.58	41 30N	64 30E	74.1	188.6	2.733	-4.20	58.7	S0312	.0409U	9.7631	0.6	F
9010	23716.18	41 30N	64 14E	75.0	188.6	2.733	-11.90	58.7	S0312	.0409U	9.6724	0.4	A
9011	23727.58	40 8N	65 21E	91.6	188.5	2.385	33.25	60.3	S0312	.0220U	7.9408	0.8	F
9012	23730.98	40 8N	65 21E	91.0	188.4	2.170	33.95	60.3	S0312	.0220U	8.0644	0.8	V
9013	23737.98	39 44N	64 32E	76.4	188.4	2.733	13.65	60.3	S0312	.0309U	9.5382	0.4	V
9014	23741.18	39 42N	64 33E	77.7	188.3	2.511	15.05	60.4	S0312	.0309U	9.3096	0.4	A
9015	23745.58	38 59N	64 32E	79.9	188.3	2.733	19.25	60.9	S0312	.0220U	9.0869	0.8	F
9016	23751.18	39 0N	64 32E	80.3	188.3	2.511	20.30	61.0	S0312	.0220U	9.0045	1.0	A
9017	23843.38	32 29N	62 7E	74.4	187.6	2.872	-12.60	65.6	S0312	.0309U	9.7136	0.6	F
9018	23848.18	32 25N	62 10E	73.9	187.6	3.090	-9.80	65.1	S0312	.0309U	9.8126	1.2	A
9019	23857.18	31 52N	61 34E	81.0	187.5	2.733	-27.30	65.1	S0312	.0309U	8.9633	0.8	A
9020	23863.38	30 50N	61 52E	74.4	187.5	3.090	-10.85	65.9	S0312	.0309U	9.7219	1.0	F
9021	23868.78	30 50N	61 52E	74.1	187.5	3.090	-10.15	65.9	S0312	.0309U	9.7879	1.0	A
9022	23875.18	30 41N	61 54E	72.6	187.4	3.090	-3.50	66.4	S0312	.0309U	10.0330	0.8	V
9023	23885.58	29 31N	60 55E	85.3	187.4	2.511	-33.25	66.3	S0312	.0309U	8.4355	1.0	F
9024	23888.98	29 29N	60 53E	85.5	187.4	2.511	-33.60	66.3	S0312	.0220U	8.5510	0.4	V
9025	23891.98	29 30N	60 52E	86.3	187.4	2.733	-33.60	66.3	S0312	.0220U	8.4190	0.6	A
9026	23903.38	28 10N	61 10E	75.3	187.3	3.090	-16.10	67.3	S0312	.0220U	9.5900	0.6	F
9027	23908.58	28 10N	61 11E	74.9	187.3	3.090	-14.70	67.3	S0312	.0309U	9.6807	0.8	A
9028	23917.98	27 16N	60 44E	79.5	187.2	2.872	-24.85	67.6	S0312	.0309U	9.0705	0.8	F
9029	23924.38	27 15N	60 32E	83.3	187.2	2.872	-30.45	67.4	S0312	.0309U	8.7076	0.8	A
9030	23945.78	25 19N	60 38E	75.5	187.1	3.090	-14.35	68.6	S0312	.0409U	9.5735	1.0	F
9031	23951.58	25 18N	60 38E	75.2	187.1	3.211	-12.95	68.6	S0312	.0220U	9.6394	0.6	A
13B 9001	28623.98	68 8N	53 50E	82.0	197.4	1.113	-12.60	35.3	S0312	.0309U	8.9055	0.8	V
9002	28626.98	68 8N	53 49E	82.8	197.2	1.113	-12.60	35.3	S0312	.0309U	8.7159	0.8	A
9003	28713.38	61 51N	50 45E	81.2	193.8	1.810	11.20	41.3	S0312	.0409U	8.8973	0.6	F
9004	28718.18	61 50N	50 50E	81.5	193.7	1.810	14.70	41.5	S0312	.0409U	8.9715	0.6	V
9005	28721.58	61 51N	50 52E	83.0	193.6	1.810	16.10	41.5	S0312	.0409U	8.7076	0.8	A
9006	28750.38	58 45N	49 41E	87.0	192.6	2.033	23.80	44.3	S0312	.0409U	8.5201	0.6	F
9007	28761.58	58 40N	49 40E	86.0	192.5	1.810	24.15	44.3	S0312	.0409U	8.5180	0.6	V
9008	28762.78	58 40N	49 38E	85.9	192.4	1.810	24.15	44.3	S0312	.0409U	8.5262	1.0	V
9009	28765.98	58 40N	49 38E	87.1	192.4	1.810	24.50	44.3	S0312	.0409U	8.2953	0.6	A
9010	28767.18	58 39N	49 35E	87.1	192.3	1.810	24.50	44.4	S0312	.0409U	8.2953	0.6	A
9011	28785.78	56 50N	48 12E	79.7	191.9	2.033	11.20	45.8	S0312	.0409U	9.0787	0.4	F
9012	28786.98	56 50N	48 9E	79.7	191.9	2.033	11.20	45.8	S0312	.0409U	9.0787	1.2	F
9013	28789.58	56 44N	48 5E	79.7	191.8	2.033	11.20	46.0	S0312	.0409U	9.0787	1.6	F
9014	28795.38	56 44N	48 4E	79.6	191.7	2.033	11.55	46.0	S0312	.0409U	9.0787	1.6	A
9015	28806.98	56 4N	46 43E	78.8	191.5	2.033	-13.65	46.4	S0312	.0409U	9.1941	0.6	A
9016	28812.38	55 51N	46 26E	78.3	191.4	2.033	-15.40	46.9	S0312	.0409U	9.3343	0.6	V
9017	28815.38	55 50N	46 26E	79.1	191.3	2.033	-15.05	46.9	S0312	.0409U	9.1612	0.4	A
9018	28840.98	53 24N	45 19E	82.2	190.8	1.810	-23.10	48.7	S0312	.0409U	8.7736	1.0	F
9019	28845.18	53 7N	45 13E	82.0	190.8	1.810	-22.75	49.0	S0312	.0409U	8.7983	0.8	F
9020	28848.18	53 0N	45 14E	80.7	190.7	2.033	-22.40	49.0	S0312	.0409U	9.0705	0.6	V
9021	28859.18	52 2N	46 3E	77.7	190.5	2.385	8.75	50.2	S0312	.0409U	9.3096	0.8	F
9022	28862.18	52 2N	46 3E	76.8	190.5	2.170	9.10	50.2	S0312	.0409U	9.5405	0.4	V
9023	28866.98	51 44N	45 41E	75.4	190.4	2.170	2.45	50.4	S0312	.0409U	9.7054	0.8	V
9024	28869.98	51 43N	45 41E	76.3	190.3	2.385	2.80	50.4	S0312	.0409U	9.4828	0.4	A
9025	28907.38	48 47N	46 19E	102.6	189.8	1.810	40.95	53.3	S0312	.0309U	7.1574	0.6	V
9026	28911.18	48 47N	46 18E	103.7	189.8	1.810	40.95	53.3	S0312	.0309U	6.9677	0.4	A
9027	28942.98	46 20N	44 13E	77.2	189.4	2.511	10.85	55.0	S0312	.0409U	9.4003	0.6	F
9028	28954.58	45 53N	42 36E	85.6	189.2	2.033	-31.85	55.0	S0312	.0309U	8.5427	0.8	V
9029	28957.78	45 52N	42 36E	86.2	189.2	2.033	-31.50	55.0	S0312	.0309U	8.4108	0.6	A
9030	29003.98	42 15N	42 30E	74.6	188.7	2.733	-6.65	56.2	S0312	.0220U	9.6889	1.0	F
9031	29009.38	42 15N	42 30E	74.5	188.7	2.733	-6.30	58.2	S0312	.0220U	9.7219	1.0	A
9032	29018.58	41 40N	41 41E	82.1	188.6	2.385	-27.30	58.3	S0312	.0309U	8.8496	1.6	A
9033	29038.18	39 55N	41 19E	80.7	188.4	2.385	-26.25	59.7	S0312	.0309U	8.9303	0.8	F
9034	29043.98	39 55N	41 19E	80.2	188.3	2.511	-25.55	59.7	S0312	.0309U	9.0457	0.8	A
9035	29079.18	37 3N	41 12E	73.9	188.1	2.872	-7.35	62.0	S0312	.0220U	9.7879	1.0	F
9036	29084.38	37 4N	41 13E	73.8	188.0	2.872	-6.30	62.0	S0312	.0220U	9.8208	1.0	A
9037	29092.78	36 52N	40 45E	76.6	188.0	2.733	-18.55	62.2	S0312	.0309U	9.4663	0.6	A
9038	29105.18	35 19N	40 11E	82.3	187.9	2.511	-26.70	62.9	S0312	.0220U	8.7654	0.8	F
9039	29108.18	35 19N	40 10E	81.4	187.9	2.511	-28.70	62.9	S0312	.0220U	9.0127	0.6	V
9040	29123.78	33 51N	41 28E	85.6	187.8	2.733	27.65	64.8	S0312	.0168U	8.4932	1.0	F
9041	29139.18	32 56N	39 45E	80.8	187.7	2.733	-26.60	64.5	S0312	.0220U	8.9303	1.0	F
9042	29143.18	32 54N	39 45E	79.0	187.7	2.733	-25.20	64.5	S0312	.0220U	9.2684	0.8	V
9043	29147.98	32 47N	39 36E	82.0	187.6	2.733	-29.05	64.5	S0312	.0220U	8.8561	0.8	A
9044	29162.18	31 20N	40 6E	73.4	187.5	3.090	-0.35	65.9	S0312	.0309U	9.8703	1.0	F
9045	29183.78	29 59N	40 13E	76.7	187.4	2.872	15.75	66.9	S0312	.0309U	9.5652	1.0	V
9046	29188.98	29 49N	40 7E	76.6	187.4	2.872	13.65	67.0	S0312	.0309U	9.4415	1.0	A
9047	29216.98	27 57N	38 40E	79.8	187.3	2.872	-25.90	67.4	S0312	.0309U	9.0292	0.6	F
9048	29219.78	27 57N	38 40E	78.7	187.3	2.872	-25.55	67.4	S0312	.0309U	9.3013	0.6	V
9049	29267.78	24 6N	38 4E	78.9	187.1	3.090	-22.75	68.9	S0312	.0409U	9.1529	0.6	F
9050	29275.38	23 56N	38 18E	75.0	187.0	3.211	-11.55	69.2	S0312	.0409U	9.6559	0.4	A
9051	29287.18	22 49N	39 2E	83.8	187.0	2.733	25.90	70.3	S0312	.0409U	8.7324	0.6	V
9052	29290.98	22 46N	39 4E	86.6	187.0	2.733	28.00	70.3	S0312	.0309U	8.3036	1.4	A
9053	29332.18	19 59N	37 14E	79.5	186.8	3.090	-22.75	69.9	S0312	.0409U	9.0787	1.4	F
9054	29344.78	18 47N	37 2E	80.2	186.8	3.090	-24.85	70.0	S0312	.0309U	8.9880	0.6	F
9055	29350.58	18 47N	37 1E	80.1	186.8	3.211	-24.50	70.0	S0312	.0168U	9.0540	0.8	A
9056	29397.38	15 8N	36 42E	76.1	186.7	3.439	-11.55	70.3	S0312	.0220U	9.4992	0.8	F

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
139 9057	29402.78	15 9N	36 35E	77.1	186.7	3.439	-15.40	70.2	S0312	.0309U	9.3838	1.2	A
9058	29409.18	14 16N	36 38E	75.8	186.6	3.439	-8.05	70.3	S0312	.0309U	9.5322	0.6	F
9059	29414.58	14 19N	36 38E	75.8	186.6	3.439	-7.00	70.3	S0312	.0309U	9.5322	0.6	A
9060	29603.58	1 6N	34 10E	80.2	186.4	3.439	-13.65	64.9	S0312	.0309U	9.0952	0.8	V
9061	29857.98	16 22S	31 1E	90.7	186.7	3.439	-15.05	51.7	S0312	.0309U	7.9902	1.0	V
9062	29865.78	16 44S	31 34E	91.8	186.7	3.090	8.40	51.8	S0312	.0220U	7.7758	1.0	A
9063	29878.38	17 48S	31 3E	89.1	186.8	3.211	-3.85	50.7	S0312	.0309U	8.1304	0.6	V
9064	29881.78	17 48S	31 3E	90.4	186.8	3.439	-3.50	50.7	S0312	.0309U	7.9078	0.6	A
9065	29993.98	25 0S	28 20E	116.6	187.1	2.872	-37.10	43.0	S0312	.0309U	6.0936	0.6	F
9066	29998.18	25 0S	28 19E	115.3	187.2	3.090	-37.10	43.0	S0312	.0309U	6.2751	0.6	V
9067	30003.38	26 11S	28 17E	114.1	187.2	3.090	-36.05	42.8	S0312	.0309U	6.3410	0.6	V
9068	30007.58	26 11S	28 17E	115.3	187.2	3.090	-35.70	42.8	S0312	.0309U	6.2091	0.8	A
140 9001	33899.78	69 46N	33 7E	83.8	198.9	0.986	-14.35	33.8	S0312	.0409U	8.5849	0.4	F
9002	33902.78	69 45N	33 8E	82.7	198.7	0.986	-14.00	33.8	S0312	.0409U	8.8313	0.6	V
9003	33907.98	69 28N	32 24E	85.4	198.4	0.986	-19.95	34.1	S0312	.0309U	8.5510	0.6	V
9004	33911.18	69 28N	32 23E	86.3	198.2	0.986	-19.95	34.1	S0312	.0309U	8.3778	0.6	A
9005	33920.98	68 10N	33 29E	83.7	197.7	1.332	12.60	35.4	S0312	.0309U	8.6252	0.8	F
9006	33923.98	68 10N	33 29E	82.6	197.5	1.332	12.60	35.4	S0312	.0309U	8.8478	0.8	V
9007	33935.58	67 4ON	30 37E	86.2	197.0	1.113	-23.10	35.8	S0312	.0309U	8.4767	1.2	V
9008	33939.38	67 36N	30 31E	87.5	196.8	1.113	-23.80	35.8	S0312	.0309U	8.2706	1.8	A
9009	33944.98	67 1N	30 22E	88.9	196.5	1.113	-19.25	36.4	S0312	.0309U	8.6994	1.0	V
9010	33948.18	67 0N	30 22E	84.7	196.4	1.332	-19.25	36.4	S0312	.0309U	8.5427	0.8	A
9011	33963.98	66 0N	29 12E	88.1	195.7	1.332	-25.55	37.3	S0312	.0309U	8.2046	0.6	A
9012	34031.78	60 44N	28 45E	88.3	193.4	1.810	24.85	42.5	S0312	.0409U	8.2046	0.6	F
9013	34034.78	60 45N	28 43E	86.9	193.3	1.810	24.50	42.4	S0312	.0409U	8.4273	0.4	V
9014	34039.78	60 40N	28 14E	83.0	193.1	1.687	17.15	42.5	S0312	.0409U	8.6994	0.6	A
9015	34215.38	48 46N	22 42E	76.8	189.7	2.511	8.40	53.3	S0312	.0409U	9.4383	1.0	F
9016	34220.98	48 26N	22 42E	76.8	189.7	2.385	9.10	53.3	S0312	.0409U	9.4168	0.8	A
9017	34222.78	48 19N	22 39E	76.9	189.6	2.385	9.10	53.4	S0312	.0409U	9.4085	0.6	A
9018	34230.18	47 51N	21 37E	77.1	189.5	2.385	-15.05	53.8	S0312	.0409U	9.3673	0.6	F
9019	34232.98	47 51N	21 37E	76.0	189.5	2.385	-14.70	53.8	S0312	.0409U	9.6312	0.6	V
9020	34242.38	46 42N	21 6E	80.5	189.4	2.170	-23.10	54.4	S0312	.0309U	8.9468	0.6	F
9021	34245.18	46 46N	21 6E	79.3	189.4	2.170	-22.75	54.4	S0312	.0409U	9.2189	1.0	V
9022	34248.58	46 41N	21 3E	80.5	189.3	2.385	-23.45	54.4	S0312	.0309U	9.0210	0.4	A
9023	34254.38	45 57N	21 20E	75.3	189.3	2.511	-8.75	55.3	S0312	.0409U	9.5900	0.8	F
9024	34259.78	45 51N	21 20E	75.2	189.2	2.511	-8.05	55.3	S0312	.0409U	9.6394	0.8	A
9025	34268.38	44 55N	20 40E	79.1	189.1	2.385	-21.35	55.9	S0312	.0309U	9.1117	0.4	F
9026	34271.18	44 55N	20 41E	77.8	189.1	2.385	-20.65	55.9	S0312	.0409U	9.4085	1.0	V
9027	34274.58	44 56N	20 40E	78.6	189.0	2.385	-20.30	55.9	S0312	.0309U	9.2354	0.4	A
9028	34281.18	44 2N	20 28E	78.3	189.0	2.385	-20.30	56.6	S0312	.0220U	9.2106	0.4	F
9029	34283.98	44 2N	20 28E	77.2	188.9	2.385	-19.95	56.6	S0312	.0220U	9.4828	0.4	V
9030	34290.58	43 52N	19 52E	88.1	188.9	2.170	-34.30	56.6	S0312	.0309U	8.2623	0.4	A
9031	34309.18	42 9N	19 29E	87.2	188.7	2.033	-33.25	57.9	S0312	.0309U	8.2541	1.0	F
9032	34313.58	41 50N	19 35E	83.4	188.6	2.033	-28.70	58.2	S0312	.0409U	8.6334	0.4	F
9033	34316.38	41 51N	19 36E	81.9	188.6	2.385	-28.35	58.2	S0312	.0409U	8.9385	0.6	V
9034	34323.58	41 6N	20 5E	74.6	188.6	2.733	-8.05	59.1	S0312	.0409U	9.6972	0.6	F
9035	34334.78	40 22N	19 26E	79.4	188.5	2.385	-23.10	59.4	S0312	.0409U	9.0787	1.0	F
9036	34340.58	40 22N	19 26E	78.3	188.4	2.511	-22.40	59.4	S0312	.0409U	9.1859	0.8	A
9037	34473.18	31 1N	17 35E	74.2	187.5	2.872	-13.65	65.9	S0312	.0309U	9.8703	0.4	V
9038	34475.98	31 1N	17 35E	75.0	187.5	3.090	-13.65	65.9	S0312	.0309U	9.6642	0.4	A
9039	34490.18	29 47N	17 58E	75.1	187.4	2.872	11.55	67.0	S0312	.0309U	9.7651	1.0	V
9040	34493.98	29 51N	17 56E	75.6	187.4	2.872	12.95	67.1	S0312	.0309U	9.6972	0.8	V
9041	34498.18	29 24N	18 1E	78.3	187.4	2.872	17.15	67.3	S0312	.0309U	9.2189	0.8	A
9042	34504.38	29 0N	17 36E	74.2	187.3	3.090	3.85	67.3	S0312	.0309U	9.7466	1.2	A
9043	34627.38	20 29N	16 35E	88.0	186.9	2.511	29.75	71.0	S0312	.0309U	8.1799	1.0	A
9044	34715.58	14 14N	15 19E	85.7	186.6	2.733	26.25	71.1	S0312	.0168U	8.5262	1.0	V
9045	34915.58	0 38N	12 56E	91.3	186.4	2.733	25.20	65.4	S0312	.0309U	7.8418	1.0	A
141 9001	39343.98	60 26N	5 19E	77.7	193.1	1.810	2.80	42.6	S0312	.0409U	9.4168	0.6	V
9002	39346.98	60 26N	5 20E	78.6	193.0	1.810	3.50	42.6	S0312	.0309U	9.2024	1.0	A
9003	39360.98	59 27N	5 17E	80.8	192.6	1.810	13.30	43.6	S0312	.0541U	8.9968	0.6	A
9004	39447.38	49 54N	0 39E	75.6	190.0	2.385	-4.20	51.9	S0312	.0409U	9.5570	0.8	F
9005	39509.38	49 8N	1 31E	85.3	189.9	2.170	26.60	52.9	S0312	.0309U	8.6004	0.6	V
9006	39512.38	49 9N	1 31E	86.5	189.8	2.170	26.95	52.9	S0312	.0309U	8.3531	0.6	A
9007	39564.78	45 17N	0 41W	74.7	189.2	2.511	-1.40	55.8	S0312	.0409U	9.6807	0.6	F
9008	39570.18	44 55N	0 45W	74.7	189.1	2.511	-0.35	56.1	S0312	.0409U	9.6807	0.8	F
9009	39575.58	44 55N	0 46W	74.7	189.1	2.511	0.35	56.1	S0312	.0409U	9.6889	0.8	A
9010	39595.38	43 16N	0 17W	85.8	188.8	2.385	28.35	57.8	S0312	.0220U	8.5345	0.6	V
9011	39598.58	43 16N	0 16W	87.2	188.8	2.170	29.05	57.8	S0312	.0220U	8.2788	0.6	A
9012	39711.58	35 16N	3 55W	80.1	187.9	2.511	-25.20	63.0	S0312	.0409U	8.9962	0.6	F
9013	39715.78	35 14N	3 51W	77.2	187.9	2.733	-22.05	63.2	S0312	.0309U	9.4828	0.6	V
9014	39718.58	35 14N	3 51W	78.0	187.8	2.733	-21.70	63.2	S0312	.0309U	9.3096	0.6	A
9015	39730.58	34 16N	3 21W	74.0	187.8	2.872	4.55	64.1	S0312	.0309U	9.7714	0.8	A
9016	39793.98	29 41N	3 60W	77.4	187.4	2.872	17.50	67.1	S0312	.0309U	9.4663	1.0	V
9017	39857.38	25 24N	5 44W	75.3	187.1	3.090	-17.50	68.5	S0312	.0220U	9.7301	1.0	V
9018	39986.78	16 09N	7 19W	76.6	186.7	3.439	-14.35	70.3	S0312	.0309U	9.4415	1.0	A
9019	40034.98	12 49N	7 59W	77.4	186.6	3.439	-13.65	69.9	S0312	.0309U	9.3178	0.4	F
9020	40041.78	12 40N	7 59W	76.3	186.6	3.439	-13.30	69.9	S0312	.0309U	9.5735	0.6	V
9021	40044.78	12 39N	7 60W	77.2	186.6	3.439	-12.95	69.9	S0312	.0309U	9.3591	0.4	A
142 9001	44573.57	65 18N	13 58W	78.8	195.5	1.475	-1.40	38.1	S0312	.0409U	9.2684	0.6	V
143 9001	51141.77	21 51S	57 58W	92.0	186.9	3.211	-2.10	47.5	S0312	.0309U	7.8748	1.0	V

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
143 9002	51146.97	22 7S	57 56W	93.8	186.9	3.211	2.45	47.0	SO312	.03090	7.6604	1.0	F
9003	51152.37	22 16S	57 56W	93.2	186.9	3.090	3.85	46.9	SO312	.03090	7.7676	0.8	V
9004	51158.97	22 44S	57 49W	95.5	187.0	2.872	10.50	46.6	SO312	.03090	7.5862	1.0	V
9005	51164.77	23 22S	58 0W	95.9	187.0	3.090	7.70	46.0	SO312	.03090	7.4955	0.8	F
9006	51168.77	23 29S	58 8W	94.1	187.0	3.090	4.20	45.9	SO312	.03090	7.7016	1.0	V
9007	51171.97	23 22S	58 9W	95.3	187.0	3.090	3.85	45.9	SO312	.03090	7.4790	1.0	A
9008	51175.17	23 35S	58 12W	95.4	187.0	3.090	3.50	45.7	SO312	.03090	7.4707	1.0	A
9009	51190.97	25 16S	57 39W	111.5	187.1	2.385	28.35	44.7	SO312	.03090	6.4462	1.0	F
9010	51194.97	25 15S	57 40W	110.7	187.1	2.170	28.70	44.7	SO312	.03090	6.5389	1.0	V
9011	51199.37	25 17S	57 40W	112.7	187.1	2.170	29.05	44.7	SO312	.03090	6.2998	0.6	A
9012	51204.57	26 0S	58 10W	103.6	187.1	2.733	18.90	43.7	SO312	.03090	6.9347	0.8	F
9013	51209.17	26 12S	58 6W	104.7	187.2	2.511	21.70	43.7	SO312	.03090	6.9100	0.8	V
9014	51212.97	26 11S	58 13W	104.0	187.2	2.511	18.90	43.6	SO312	.03090	6.8358	0.8	A
9015	51218.77	26 31S	58 18W	103.5	187.2	2.511	19.60	43.1	SO312	.03090	6.9842	1.0	V
9016	51224.17	27 25S	58 45W	99.3	187.2	2.733	9.10	42.4	SO312	.03090	7.2234	0.8	F
9017	51228.57	27 27S	58 56W	97.0	187.2	3.090	3.85	42.3	SO312	.03090	7.4542	0.6	V
9018	51232.77	27 40S	58 49W	99.6	187.3	2.872	8.40	42.3	SO312	.03090	7.1409	0.4	A
9019	51241.37	28 0S	58 45W	102.7	187.3	2.733	14.35	41.8	SO312	.04090	6.9100	0.8	A
9020	51247.37	29 1S	59 1W	101.2	187.3	2.872	10.85	41.0	SO312	.03090	7.0832	1.0	F
9021	51254.57	29 11S	59 41W	97.9	187.4	3.090	-8.05	40.5	SO312	.04090	7.3800	1.0	V
9022	51258.17	29 11S	59 41W	99.3	187.4	3.090	-7.70	40.5	SO312	.03090	7.1739	1.0	A
9023	51273.37	30 45S	59 38W	100.1	187.5	2.872	2.80	39.3	SO312	.03090	7.1491	0.8	F
9024	51287.57	31 37S	60 42W	106.4	187.5	3.090	-22.05	38.1	SO312	.03090	6.7039	0.6	F
9025	51291.37	31 37S	60 43W	105.4	187.6	3.090	-22.05	38.1	SO312	.03090	6.8523	1.4	V
9026	51296.57	31 44S	60 32W	103.7	187.6	3.090	-16.10	38.1	SO312	.03090	6.8688	0.4	A
9027	51304.37	32 47S	60 42W	103.6	187.6	3.090	-15.05	37.1	SO312	.03090	6.8853	0.6	F
9028	51310.77	32 58S	60 38W	101.6	187.7	3.090	-11.55	37.0	SO312	.04090	7.0997	0.6	V
9029	51318.77	33 19S	60 11W	102.9	187.7	2.872	4.20	36.9	SO312	.03090	6.9018	0.8	A
9030	51324.77	34 17S	60 4W	106.0	187.8	2.733	12.25	36.2	SO312	.03090	6.7451	0.8	F
9031	51327.57	34 28S	60 7W	105.9	187.8	2.733	11.90	36.0	SO312	.03090	6.7533	0.8	F
9032	51337.17	34 51S	60 56W	103.8	187.8	3.090	-9.45	35.6	SO312	.04090	6.8523	1.4	A
9033	51345.17	35 12S	62 1W	117.4	187.9	2.872	-31.85	34.6	SO312	.03090	6.1514	0.8	V
9034	51349.57	35 49S	61 52W	112.9	187.9	2.872	-25.90	34.1	SO312	.03090	6.3080	1.0	F
9035	51355.97	35 56S	62 7W	116.1	188.0	2.672	-30.10	33.9	SO312	.03090	6.2173	1.0	V
9036	51360.97	36 17S	62 5W	113.9	188.0	2.872	-27.65	33.7	SO312	.03090	6.3328	1.0	V
9037	51363.97	36 29S	62 9W	114.1	188.0	2.872	-27.65	33.5	SO312	.03090	6.3480	2.0	V
9038	51368.57	36 41S	62 11W	116.3	188.0	3.090	-28.35	33.4	SO312	.03090	6.1266	0.8	A
9039	51372.77	36 47S	62 18W	117.2	188.1	3.090	-29.05	33.2	SO312	.03090	6.0772	1.0	A
9040	51380.17	37 0S	62 25W	114.6	188.1	2.872	-27.30	32.5	SO312	.03090	6.2751	0.6	V
9041	51384.57	37 53S	62 26W	113.9	188.2	2.872	-26.25	32.2	SO312	.03090	6.3163	0.8	V
9042	51393.97	38 21S	62 5W	107.7	188.2	2.872	-12.60	31.5	SO312	.04090	6.6131	1.0	F
9043	51397.97	38 32S	62 5W	106.6	188.3	2.872	-12.25	31.5	SO312	.05410	6.7566	1.0	V
9044	51402.77	38 56S	61 60W	107.3	188.3	2.872	-9.10	31.5	SO312	.04090	6.6131	0.6	A
9045	51411.37	39 29S	62 21W	109.4	188.4	2.872	-14.35	30.9	SO312	.04090	6.4895	1.0	A
9046	51421.77	40 10S	62 36W	110.5	188.5	2.872	-15.75	30.3	SO312	.04090	6.4152	1.0	A
9047	51426.57	40 44S	62 58W	112.4	188.5	2.872	-21.00	29.6	SO312	.04090	6.3988	1.2	V
9048	51432.17	40 50S	62 59W	113.6	188.6	2.872	-20.30	29.6	SO312	.04090	6.2421	1.0	A
144 9001	55842.37	19 58N	72 50W	74.9	186.8	3.439	-9.10	70.2	SO312	.03090	9.6724	0.8	A
9002	55972.76	11 1N	74 46W	80.9	186.5	3.439	-21.70	69.3	SO312	.04090	8.9633	2.2	A
9003	56301.76	12 1S	77 8W	111.1	186.6	2.170	36.75	56.3	SO312	.03090	6.5472	0.6	V
9004	56305.96	12 1S	77 8W	113.3	186.6	2.170	37.10	56.3	SO312	.03090	6.2316	0.6	A
145 9001	59618.76	55 5N	83 0E	145.9	348.8	-1.685	-43.05	-17.2	SO312	.29770	4.9475	0.4	V
9002	61161.36	18 28N	95 12W	74.2	186.8	3.211	-9.45	70.4	SO312	.03090	9.8703	0.6	V
9003	61164.16	18 29N	95 13W	75.1	186.8	3.439	-9.45	70.4	SO312	.03090	9.6477	0.6	A
9004	61169.56	18 8N	95 33W	78.7	186.8	3.211	-21.00	70.2	SO312	.03090	9.2189	0.8	A
9005	61174.96	17 22N	95 36W	77.4	186.7	3.211	-17.85	70.3	SO312	.03090	9.3261	0.8	F
9006	61185.56	16 49N	95 5W	77.3	186.7	3.211	10.50	70.9	SO312	.03090	9.3920	1.8	F
9007	61191.16	16 39N	95 5W	77.8	186.7	3.211	11.55	70.9	SO312	.03090	9.2849	0.6	A
9008	61195.76	16 15N	95 12W	77.1	186.7	3.211	9.10	70.9	SO312	.03090	9.3756	0.8	A
146 5001	66251.96	32 42N	114 35W	74.9	187.6	2.872	-14.70	64.9	SO255	.02260	9.6301	0.6	F
5002	66257.36	32 42N	114 36W	74.9	187.6	3.090	-14.35	65.0	SO255	.02260	9.6878	0.6	A
9001	66251.96	32 41N	114 36W	75.0	187.6	2.872	-14.70	65.0	SO312	.03090	9.6312	0.6	F
9002	66257.36	32 41N	114 36W	74.9	187.6	3.090	-14.35	65.0	SO312	.03090	9.6889	0.6	A
9003	66276.56	30 59N	114 47W	73.7	187.5	3.090	-8.40	66.1	SO312	.03090	9.8126	1.2	F
9004	66280.96	31 6N	114 51W	74.0	187.5	3.090	-10.15	66.0	SO312	.03090	9.8043	1.0	A
147 9001	70150.96	49 56N	36 23E	116.1	349.9	-1.812	27.30	-20.8	SO312	.29770	6.1596	0.6	A
150 9001	1836.75	19 33S	147 20E	94.6	186.8	3.439	-16.45	48.8	SO312	.03090	7.5779	1.4	A
9002	1967.55	28 44S	145 50E	97.5	187.3	3.090	-5.60	40.8	SO312	.04090	7.4190	1.4	V
151 9001	6866.55	0 26S	129 54E	98.2	186.4	2.511	31.85	64.9	SO312	.02200	7.2976	0.8	A
152 9001	11055.94	75 50N	137 44E	87.1	206.7	0.776	-2.80	28.0	SO312	.03090	8.2706	0.6	A
9002	11121.14	71 43N	128 57E	93.2	200.6	0.776	-25.90	32.1	SO312	.03090	7.8088	0.6	V
9003	11124.54	71 44N	128 56E	94.1	200.3	0.776	-25.90	32.1	SO312	.03090	7.6521	0.6	A
9004	11520.14	44 56N	116 23E	76.6	189.1	2.511	8.05	56.5	SO312	.03090	9.4498	0.4	A

Handle via
BYEMAN Channels
BYE-8915/84

Approved for Release: 2021/01/22 C05132886

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
152 9005	11534.74	43 55N	115 50E	75.0	188.9	2.733	-0.70	57.2	S0312	.0409U	9.6559	0.4	A
9006	11547.74	42 43N	114 46E	81.3	188.8	2.385	-25.20	57.8	S0312	.0309U	8.8643	0.4	F
9007	11558.34	42 17N	115 33E	75.2	188.7	2.733	4.55	58.5	S0312	.0409U	9.6229	0.4	A
9008	11566.54	41 41N	115 41E	77.7	188.6	2.733	14.00	59.1	S0312	.0309U	9.2931	0.4	A
9009	11581.74	40 29N	115 8E	74.3	188.5	2.733	5.95	59.9	S0312	.0409U	9.8538	0.6	V
9010	11584.54	40 29N	115 7E	75.2	188.4	2.733	6.30	59.9	S0312	.0309U	9.6147	0.6	A
9011	11630.54	36 55N	114 27E	77.4	188.1	2.872	12.60	62.6	S0312	.0309U	9.3756	0.8	F
9012	11636.14	36 55N	114 26E	77.6	188.0	2.733	13.30	62.6	S0312	.0309U	9.3261	0.8	A
9013	11668.34	34 41N	112 20E	92.8	187.8	2.170	-39.55	63.3	S0312	.0220U	7.8995	0.8	V
9014	11671.54	34 42N	112 20E	93.2	187.8	2.385	-39.20	63.3	S0312	.0220U	7.7923	1.0	A
9015	11871.14	20 27N	109 57E	83.0	186.9	2.872	-28.35	69.8	S0312	.0409U	8.6746	0.6	F
9016	11894.34	18 58N	110 29E	74.8	186.8	3.211	4.90	70.7	S0312	.0309U	9.7961	0.4	V
9017	11902.54	18 16N	109 45E	78.8	186.8	3.211	-21.00	70.2	S0312	.0309U	9.1529	0.4	F
9018	11908.14	18 16N	109 45E	78.4	186.8	3.211	-19.95	70.2	S0312	.0309U	9.2436	0.4	A
153 9001	16622.14	58 58N	99 10E	79.9	192.5	1.810	2.10	44.5	S0312	.0309U	9.0375	0.8	F
9002	16627.94	58 58N	99 10E	79.8	192.3	1.810	2.80	44.5	S0312	.0309U	9.0622	0.8	A
9003	16640.94	44 14N	93 19E	77.3	188.9	2.511	-16.10	56.8	SD312	.0220U	9.3838	0.4	A
9004	16849.14	43 24N	93 38E	73.7	188.8	2.733	0.70	57.6	S0312	.0309U	9.9445	0.8	V
9005	16854.14	42 51N	93 38E	75.9	188.8	2.733	5.60	58.1	SD312	.0309U	9.5405	0.4	F
9006	16859.54	42 52N	93 35E	74.5	188.7	2.733	4.55	58.1	S0312	.0409U	9.7136	0.4	A
9007	16920.14	38 59N	93 23E	89.7	188.2	2.385	32.55	61.7	S0312	.0168U	8.0397	0.6	A
9008	17146.94	22 47N	88 22E	80.5	187.0	2.872	-24.85	69.4	S0312	.0309U	8.9468	0.4	F
9009	17149.74	22 55N	88 21E	80.1	187.0	2.872	-24.15	69.5	S0312	.0309U	8.9962	1.2	F
9010	17163.54	22 4N	88 6E	83.0	186.9	3.090	-28.70	69.5	S0312	.0409U	8.7489	0.6	A
154 9001	21876.34	62 25N	78 9E	83.5	194.0	1.332	-15.40	41.0	S0312	.0309U	8.6169	0.8	F
9002	21882.14	62 31N	77 28E	90.3	193.8	1.332	-27.65	40.8	S0312	.0220U	8.0067	1.0	A
9003	21883.74	62 25N	77 24E	90.3	193.8	1.332	-27.65	40.9	S0312	.0220U	8.0067	0.6	A
9004	21887.74	62 7N	77 30E	87.2	193.6	1.332	-23.45	41.2	S0312	.0220U	8.2953	0.6	A
9005	22300.34	33 58N	69 13E	73.0	187.7	3.090	5.25	64.8	S0312	.0309U	10.0517	0.6	V
9006	22303.14	33 58N	69 13E	73.9	187.7	3.090	5.60	64.8	SD312	.0309U	9.7961	0.6	A
9007	22344.94	30 22N	68 36E	75.1	187.5	3.090	8.40	66.8	S0312	.0309U	9.6642	0.4	F
9008	22362.34	29 57N	67 51E	75.5	187.4	3.090	-14.00	66.9	S0312	.0309U	9.5982	1.0	A
9009	22393.74	27 22N	68 9E	78.7	187.2	2.872	16.45	68.5	S0312	.0309U	9.1777	1.0	A
9010	22420.74	25 14N	66 45E	79.4	187.1	3.090	-23.45	68.7	S0312	.0220U	9.0869	0.6	F
9011	22425.74	24 52N	66 48E	77.4	187.1	3.090	-19.25	68.9	S0312	.0309U	9.3261	0.6	F
9012	22428.54	24 52N	66 47E	76.4	187.1	3.090	-18.90	68.9	S0312	.0309U	9.5817	0.6	V
155 5001	27228.53	59 26N	56 46E	92.7	192.7	1.687	29.75	44.0	S0255	.0315U	7.8321	0.8	V
5002	27249.13	58 11N	52 40E	99.0	192.2	1.113	-37.45	44.6	S0255	.0226U	7.2472	0.6	F
9001	27076.73	69 47N	61 36E	85.0	196.7	0.986	-14.00	34.1	S0312	.0309U	8.5757	0.6	V
9002	27079.93	69 47N	61 35E	85.9	196.6	0.986	-14.00	34.1	S0312	.0309U	8.4025	0.6	A
9003	27146.53	65 14N	57 17E	87.2	195.4	1.113	-22.75	38.3	S0312	.0309U	8.3613	0.6	V
9004	27149.73	65 14N	57 18E	87.9	195.2	1.332	-22.75	38.3	S0312	.0220U	8.2211	0.6	A
9005	27186.33	62 45N	56 3E	84.4	194.0	1.475	-18.20	40.7	S0312	.0309U	8.5592	0.4	A
9006	27202.33	61 19N	56 36E	80.5	193.5	1.687	7.70	42.1	S0312	.0409U	9.0787	0.6	V
9007	27205.33	61 19N	56 36E	81.4	193.4	1.687	8.05	42.1	S0312	.0409U	8.8643	0.6	A
9008	27237.33	58 56N	55 27E	80.3	192.5	1.810	10.15	44.3	S0312	.0309U	9.1034	0.6	V
9009	27255.93	57 53N	53 17E	85.5	192.1	1.332	-24.85	45.0	S0312	.0409U	8.5510	0.6	V
9010	27266.13	57 4N	54 9E	78.1	191.9	2.033	1.40	46.0	S0312	.0409U	9.3591	0.6	V
9011	27269.13	57 5N	54 9E	79.0	191.8	2.033	1.75	46.0	S0312	.0409U	9.1529	0.4	A
9012	27274.73	56 50N	53 47E	77.7	191.7	2.033	-1.40	46.5	S0312	.0409U	9.4085	0.4	V
9013	27277.53	56 50N	53 47E	78.6	191.6	2.033	-1.05	46.5	S0312	.0409U	9.2024	0.4	A
9014	27284.73	56 43N	52 29E	85.0	191.5	1.687	-23.80	47.0	SD312	.0409U	8.4767	0.6	F
9015	27289.93	55 47N	52 26E	85.4	191.4	1.810	-24.85	46.9	S0312	.0409U	8.4767	1.0	A
9016	27297.73	54 50N	52 35E	79.5	191.2	1.810	-15.05	47.7	SD312	.0409U	9.1941	0.6	V
9017	27298.93	54 55N	52 33E	79.4	191.2	1.810	-15.05	47.8	S0312	.0409U	9.2024	0.6	V
9018	27302.73	54 52N	52 27E	81.0	191.1	2.033	-17.15	47.8	S0312	.0409U	8.9385	0.6	A
9019	27328.53	52 54N	52 55E	81.8	190.7	2.170	16.10	50.1	S0312	.0409U	8.8561	0.4	F
9020	27331.53	52 54N	52 51E	80.3	190.6	2.170	15.05	50.1	S0312	.0409U	9.1199	0.8	V
9021	27334.53	52 54N	52 50E	81.2	190.6	2.170	15.05	50.1	S0312	.0409U	8.9055	1.4	A
9022	27342.33	51 40N	52 19E	79.0	190.4	2.385	9.45	50.8	S0312	.0409U	9.1612	1.0	F
9023	27348.13	51 40N	52 19E	79.1	190.3	2.170	10.50	50.8	S0312	.0409U	9.1447	0.8	A
9024	27355.33	51 15N	51 26E	77.8	190.2	2.170	-9.45	51.0	S0312	.0409U	9.3096	0.4	A
9025	27503.13	40 50N	49 27E	85.2	188.5	2.511	24.15	59.9	S0312	.0220U	8.8148	0.8	V
9026	27506.13	40 50N	49 27E	84.4	188.5	2.511	24.50	59.9	S0312	.0220U	8.5592	0.8	A
9027	27531.33	39 8N	48 35E	77.2	188.3	2.733	11.55	61.1	S0312	.0309U	9.3591	0.6	A
9028	27557.13	37 29N	47 44E	74.1	188.1	2.872	-3.15	62.1	S0312	.0309U	9.7796	0.6	A
9029	27588.53	35 17N	47 1E	74.5	187.9	2.872	-11.55	63.5	S0312	.0309U	9.7219	0.8	A
9030	27595.73	34 29N	47 9E	73.8	187.8	3.090	0.35	64.3	S0312	.0309U	9.8208	0.8	F
9031	27599.33	34 19N	47 5E	72.7	187.8	2.872	-1.40	64.3	S0312	.0309U	10.0765	0.6	V
9032	27602.13	34 18N	47 5E	73.6	187.8	2.872	-1.05	64.3	S0312	.0309U	9.8373	0.4	A
9033	27613.13	33 14N	46 15E	79.4	187.7	2.733	-23.45	64.6	S0312	.0309U	9.0869	0.6	F
9034	27615.93	33 14N	46 15E	78.3	187.7	2.733	-23.10	64.6	S0312	.0309U	9.3508	0.6	V
9035	27623.13	32 54N	45 49E	86.1	187.6	2.511	-32.55	64.9	S0312	.0309U	8.3531	1.0	F
9036	27626.33	32 50N	45 49E	84.8	187.6	2.511	-32.20	64.9	S0312	.0309U	8.6252	1.0	V
9037	27630.13	32 51N	45 46E	86.2	187.6	2.733	-32.90	64.9	S0312	.0168U	8.4273	0.6	A
9038	27637.93	31 52N	46 18E	74.9	187.6	3.090	-10.15	65.7	S0312	.0309U	9.6869	1.0	A
9039	27645.73	30 58N	46 6E	75.2	187.5	3.090	-11.90	66.2	S0312	.0220U	9.6229	0.8	F
9040	27651.13	30 58N	46 6E	75.0	187.5	3.090	-10.85	66.2	S0312	.0220U	9.6724	0.8	A
9041	27665.53	30 4N	45 20E	84.4	187.4	2.872	-31.15	66.3	S0312	.0168U	8.5922	1.2	A
9042	27688.53	28 1N	45 32E	74.5	187.3	3.090	-9.80	67.8	S0312	.0309U	9.7054	2.2	F
9043	27693.93	28 1N	45 32E	74.4	187.3	3.090	-8.75	67.8	S0312	.0309U	9.7384	0.8	A

Handle via
BYEMAN Channels
BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
155 9044	27699.73	27 13N	45 35E	74.0	187.2	3.211	-1.40	68.3	S0312	.0309U	9.7079	1.2	F
9045	27720.73	25 57N	45 24E	73.4	187.2	3.090	2.10	68.9	S0312	.0309U	9.9940	0.8	V
9046	27726.93	25 40N	45 16E	74.2	187.1	3.211	1.40	69.1	S0312	.0309U	9.7714	1.0	F
9047	27735.13	24 46N	45 12E	74.4	187.1	3.211	3.15	69.4	S0312	.0309U	9.7466	1.2	F
9048	27741.53	24 36N	44 58E	74.1	187.1	3.211	-5.25	69.2	S0312	.0220U	9.7796	0.4	A
9049	27829.33	18 20N	42 49E	94.3	186.8	2.511	-40.25	69.7	S0312	.0168U	7.6192	1.0	F
9050	27832.73	18 20N	42 49E	92.9	186.8	2.733	-40.25	69.7	S0312	.0168U	7.8748	0.8	V
9051	27847.73	16 50N	43 44E	74.9	186.7	3.439	3.50	70.8	S0312	.0220U	9.6724	0.8	F
9052	27852.93	17 0N	43 45E	75.2	186.7	3.211	4.90	70.8	S0312	.0220U	9.6064	1.0	A
9053	27865.73	15 41N	43 57E	83.4	186.7	3.090	21.70	71.2	S0312	.0309U	8.7159	0.8	F
9054	27875.53	15 0N	43 18E	75.7	186.7	3.439	-0.70	70.6	S0312	.0309U	9.5652	0.6	F
9055	27892.13	14 01N	42 57E	76.2	186.7	3.439	-13.65	70.3	S0312	.0409U	9.6064	0.4	V
9056	27894.93	14 01N	42 56E	77.1	186.6	3.439	-13.30	70.3	S0312	.0409U	9.3920	0.4	A
9057	27898.73	13 26N	43 36E	85.5	186.6	3.090	23.80	71.0	S0312	.0309U	8.5015	0.8	F
9058	27907.93	13 6N	42 44E	75.7	186.6	3.439	-8.75	70.1	S0312	.0309U	9.6642	0.4	V
9059	27911.13	13 1N	42 45E	76.5	186.6	3.439	-7.35	70.2	S0312	.0409U	9.4498	0.8	A
9060	27924.53	11 38N	43 9E	82.7	186.6	3.090	18.90	70.4	S0312	.0409U	8.7814	0.6	F
9061	27928.13	11 33N	43 10E	82.9	186.6	3.090	20.65	70.5	S0312	.0309U	8.8313	1.0	V
9062	27938.53	10 39N	43 4E	85.1	186.6	3.090	22.75	70.2	S0312	.0309U	8.5345	1.2	F
9063	27941.93	10 37N	43 3E	84.1	186.5	2.872	22.75	70.2	S0312	.0309U	8.7076	0.6	U
9064	27945.13	10 37N	43 3E	85.4	186.5	2.872	23.10	70.2	S0312	.0309U	8.4273	0.6	A
9065	27956.73	9 24N	42 48E	84.6	186.5	3.090	21.00	69.8	S0312	.0309U	8.5859	1.2	F
9066	27962.13	9 26N	42 52E	85.9	186.5	2.872	24.15	69.9	S0312	.0309U	8.3778	0.8	A
9067	27999.13	6 30N	42 9E	82.1	186.5	3.211	15.05	68.4	S0312	.0168U	8.8396	1.0	F
9068	28010.93	5 53N	42 7E	82.9	186.5	3.090	18.55	66.2	S0312	.0309U	8.8148	0.8	V
9069	28031.13	4 14N	42 4E	90.5	186.5	2.872	26.25	67.5	S0312	.0168U	8.0315	1.0	F
9070	28038.33	3 53N	41 53E	86.2	186.4	2.872	22.05	67.3	S0312	.0309U	8.4767	1.2	V
9071	28093.93	0 26N	40 53E	82.2	186.4	3.439	7.35	64.8	S0312	.0309U	8.7489	1.0	A
9072	28106.73	0 42S	41 30E	102.1	186.4	2.385	34.65	64.8	S0312	.0220U	7.0007	1.2	A
9073	28442.13	23 51S	35 25E	107.0	187.0	3.090	-30.10	44.7	S0312	.0309U	6.6791	1.0	F
9074	28446.13	23 51S	35 23E	106.4	187.0	3.090	-30.45	44.7	S0312	.0309U	6.8111	0.6	V
9075	28450.13	23 51S	35 23E	107.6	187.1	3.090	-30.10	44.7	S0312	.0409U	6.6709	0.4	A
156 9001	32404.93	68 5N	39 32E	84.5	197.6	1.332	9.10	35.8	S0312	.0309U	8.5345	0.6	F
9002	32408.13	68 5N	39 30E	83.4	197.5	1.332	9.10	35.8	S0312	.0309U	8.7571	0.4	V
9003	32411.13	68 5N	39 30E	84.2	197.3	1.332	9.10	35.8	S0312	.0309U	8.5674	0.4	A
9004	32440.73	66 5N	38 20E	86.9	195.9	1.332	17.85	37.7	S0312	.0309U	8.2953	0.4	A
9005	32452.13	65 11N	37 2E	81.9	195.5	1.475	8.05	38.5	S0312	.0309U	8.9138	0.6	V
9006	32455.13	65 11N	37 2E	82.9	195.3	1.475	8.40	38.5	S0312	.0309U	8.7159	0.6	A
9007	32464.73	64 52N	34 50E	85.8	195.0	1.332	-21.35	39.0	S0312	.0409U	8.5015	0.6	V
9008	32468.13	64 51N	34 46E	87.1	194.9	1.332	-22.05	39.0	S0312	.0309U	8.2953	0.4	A
9009	32474.53	63 54N	34 16E	87.1	194.6	1.332	-24.15	39.6	S0312	.0220U	8.3695	0.4	V
9010	32479.53	63 49N	34 21E	86.3	194.4	1.332	-21.35	39.7	S0312	.0220U	8.3695	0.6	A
9011	32485.93	63 16N	34 21E	83.9	194.2	1.475	-16.80	40.2	S0312	.0409U	8.6169	0.6	A
9012	32490.93	62 55N	34 27E	81.8	194.1	1.475	-10.85	40.6	S0312	.0409U	8.8313	0.4	A
9013	32530.73	60 6N	32 19E	84.8	192.9	1.475	-22.75	43.1	S0312	.0409U	8.6004	0.4	V
9014	32533.93	60 6N	32 19E	85.5	192.8	1.475	-22.40	43.1	S0312	.0409U	8.4520	0.4	A
9015	32730.73	46 33N	26 55E	88.8	189.3	2.033	-33.95	54.7	S0312	.0309U	8.2376	0.8	V
9016	32733.93	46 33N	26 55E	89.7	189.3	2.033	-33.95	54.7	S0312	.0309U	8.0892	0.8	A
9017	32814.93	40 37N	26 53E	76.8	188.5	2.733	12.60	60.0	S0312	.0309U	9.5405	0.6	V
9018	32817.73	40 37N	26 53E	77.8	188.5	2.733	12.95	60.0	S0312	.0309U	9.2331	0.6	A
9019	32824.33	40 12N	26 25E	75.0	188.4	2.733	0.70	60.2	S0312	.0309U	9.6559	1.2	A
9020	32862.53	37 26N	24 57E	81.1	188.1	2.511	-26.95	61.8	S0312	.0409U	9.0127	0.8	V
9021	32865.53	37 26N	24 56E	81.9	188.1	2.733	-26.95	61.8	S0312	.0409U	8.8643	0.6	A
9022	32937.33	32 7N	23 58E	78.2	187.6	2.872	-21.00	65.4	S0312	.0309U	9.2271	0.6	F
9023	32941.13	32 2N	24 0E	76.3	187.6	2.872	-18.90	65.5	S0312	.0309U	9.5900	0.6	V
9024	32943.13	31 54N	23 58E	76.3	187.6	2.872	-18.90	65.5	S0312	.0309U	9.5982	0.8	V
9025	32972.13	29 47N	24 32E	79.4	187.4	2.872	19.60	67.4	S0312	.0220U	9.2436	0.6	V
9026	32974.93	29 46N	24 32E	80.5	187.4	2.872	19.95	67.4	S0312	.0220U	8.9715	1.0	A
9027	33008.53	27 41N	22 31E	91.0	187.2	2.733	-37.80	67.3	S0312	.0168U	7.9757	0.6	A
9028	33052.13	24 17N	23 20E	78.3	187.4	2.872	17.50	69.8	S0312	.0220U	9.3673	2.0	V
9029	33088.13	21 49N	21 50E	79.8	186.9	3.090	-24.15	69.7	S0312	.0309U	9.0457	0.6	F
9030	33196.73	14 34N	20 55E	75.8	186.6	3.439	-7.00	70.4	S0312	.0309U	9.5405	1.0	A
9031	33206.53	13 50N	20 51E	75.8	186.6	3.439	-4.55	70.4	S0312	.0309U	9.5322	0.6	A
9032	33339.13	4 26N	18 35E	88.2	186.5	3.211	-29.40	66.4	S0312	.0309U	8.1551	0.8	F
9033	33342.33	4 26N	18 35E	86.7	186.5	3.211	-28.70	66.4	S0312	.0309U	8.4190	0.6	V
9034	33345.53	4 26N	18 35E	87.4	186.5	3.439	-28.35	66.4	S0312	.0309U	8.2768	0.6	A
9035	33355.53	3 40N	18 39E	83.5	186.4	3.439	-21.70	66.2	S0312	.0309U	8.6582	1.0	A
9036	33385.33	1 39N	18 4E	89.9	186.4	3.439	-30.10	64.8	S0312	.0309U	8.0562	0.8	A
9037	33505.33	6 01S	16 13E	106.8	186.5	3.211	-40.95	58.9	S0312	.0220U	6.7616	0.6	A
9038	33523.93	8 20S	15 52E	109.6	186.5	2.872	-42.00	57.5	S0312	.0220U	6.5224	1.2	F
9039	33535.73	9 10S	16 11E	94.5	186.5	3.211	-29.05	57.2	S0312	.0309U	7.5944	0.6	F
9040	33539.13	9 10S	16 11E	93.2	186.5	3.211	-28.70	57.2	S0312	.0309U	7.8306	0.6	V
9041	33543.53	9 09S	16 20E	88.9	186.5	3.439	-22.05	57.1	S0312	.0309U	8.1964	0.8	V
9042	33546.73	9 09S	16 20E	89.7	186.5	3.439	-21.35	57.1	S0312	.0309U	8.0315	1.0	A
9043	33588.13	12 46S	15 44E	91.8	186.6	3.439	-22.75	54.4	S0312	.0309U	7.8171	0.8	F
9044	33591.33	12 46S	15 43E	90.7	186.6	3.439	-22.40	54.4	S0312	.0309U	8.0150	1.0	V
9045	33597.53	13 26S	15 52E	88.2	186.6	3.439	-12.95	54.0	S0312	.0309U	8.1469	0.4	F
9046	33600.53	13 25S	15 51E	87.4	186.6	3.439	-13.30	54.0	S0312	.0309U	8.3201	1.0	V
9047	33609.53	13 42S	15 5E	104.4	186.6	3.439	-36.05	53.3	S0312	.0309U	6.8935	0.8	A
9048	33616.73	14 43S	14 60E	102.8	186.6	3.211	-33.95	52.5	S0312	.0309U	6.9760	0.6	F
9049	33619.93	14 41S	15 1E	100.7	186.7	3.211	-32.90	52.6	S0312	.0309U	7.2316	1.4	V
9050	33623.93	14 42S	15 2E	101.2	186.7	3.439	-32.20	52.6	S0312	.0309U	7.1162	0.6	A
9051	33635.33	15 06S	15 48E	89.0	186.7	3.211	0.70	52.4	S0312	.0309U	8.0480	1.0	A
9052	33649.13	17 2S	15 44E	90.7	186.7	3.211	6.30	51.3	S0312	.0309U	7.9325	0.6	F
9053	33652.53	17 6S	15 44E	90.0	186.7	3.211	7.00	51.3	S0312	.0309U	8.0644	0.6	V
9054	33658.93	17 16S	15 51E	93.7	186.7	2.872	13.30	51.2	S0312	.0220U	7.6192	1.0	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
156 9055	33663.13	17 47S	15 43E	91.8	186.8	3.090	10.85	50.7	S0312	.0309U	7.9078	0.6	V
9056	33668.53	17 47S	15 42E	93.2	186.8	3.090	11.20	50.7	S0312	.0309U	7.6604	0.6	A
9057	33685.53	19 16S	14 31E	95.2	186.8	3.439	-22.05	49.0	S0312	.0309U	7.6274	0.8	V
9058	33692.33	19 29S	14 50E	91.9	186.8	3.439	-9.10	48.9	S0312	.0309U	7.7923	1.0	A
9059	33716.93	21 12S	14 53E	93.6	186.9	3.090	4.20	47.6	S0312	.0309U	7.6274	0.8	A
9060	33727.53	22 27S	15 3E	99.2	186.9	2.872	16.45	46.7	S0312	.0309U	7.2563	0.4	F
9061	33731.13	22 27S	15 3E	98.5	187.0	2.872	16.80	46.7	S0312	.0309U	7.3635	0.4	V
9062	33737.93	22 22S	14 31E	93.6	187.0	3.090	2.45	46.1	S0312	.0309U	7.7428	1.8	V
9063	33742.53	22 27S	14 30E	95.0	187.0	3.090	2.45	46.1	S0312	.0309U	7.5120	0.6	A
157 9001	37836.73	59 56N	10 46E	80.7	192.9	1.687	-10.50	43.3	S0312	.0409U	8.9303	0.6	F
9002	37839.53	59 57N	10 45E	79.6	192.9	1.687	-10.50	43.3	S0312	.0409U	9.1694	0.8	V
9003	37843.53	59 58N	10 40E	80.0	192.8	1.687	-7.35	43.8	S0312	.0409U	9.0427	0.8	F
9004	37848.93	59 59N	10 39E	78.7	192.6	1.810	1.75	44.0	S0312	.0409U	9.2931	1.2	V
9005	37855.73	59 59N	10 3E	81.9	192.5	1.687	-16.10	44.1	S0312	.0541U	8.8313	0.8	A
9006	37904.33	55 01N	8 28E	81.1	191.3	1.810	-17.15	47.2	S0312	.0409U	8.9220	1.6	A
9007	37928.93	53 00N	7 54E	79.9	190.9	2.033	-15.05	48.9	S0312	.0409U	9.0210	0.6	F
9008	37931.73	53 00N	7 54E	78.8	190.9	2.033	-14.70	48.9	S0312	.0409U	9.2949	0.8	V
9009	37937.13	53 00N	7 52E	78.5	190.8	2.033	-10.50	49.4	S0312	.0409U	9.1941	0.8	F
9010	37942.73	53 00N	7 52E	78.3	190.7	2.170	-10.15	49.4	S0312	.0409U	9.2519	0.8	A
9011	37952.73	52 42N	6 42E	87.7	190.5	1.687	-30.80	49.9	S0312	.0309U	8.3366	0.6	V
9012	37955.93	52 42N	6 42E	88.3	190.5	1.687	-30.45	49.9	S0312	.0309U	8.2046	0.6	A
9013	37961.93	51 44N	6 34E	86.2	190.4	1.810	-29.40	50.4	S0312	.0309U	8.4603	0.4	V
9014	37964.93	51 43N	6 33E	87.2	190.3	1.810	-29.40	50.4	S0312	.0309U	8.3036	0.6	A
9015	37972.93	50 41N	7 13E	77.0	190.2	2.170	-4.90	51.6	S0312	.0409U	9.3756	0.6	F
9016	37975.73	50 41N	7 13E	76.0	190.2	2.170	-4.55	51.6	S0312	.0409U	9.6229	0.6	V
9017	37979.73	50 15N	7 5E	76.8	190.1	2.385	-4.20	52.0	S0312	.0409U	9.4085	0.6	F
9018	37985.13	50 14N	7 5E	76.6	190.0	2.385	-3.50	52.0	S0312	.0409U	9.4498	0.8	A
9019	37990.53	49 49N	7 10E	76.1	189.9	2.385	4.20	52.5	S0312	.0409U	9.6229	0.6	V
9020	37993.33	49 39N	7 10E	77.0	189.9	2.385	4.55	52.5	S0312	.0409U	9.4003	0.6	A
9021	38044.93	45 48N	5 29E	76.6	189.3	2.511	-10.85	55.6	S0312	.0409U	9.4168	1.0	F
9022	38050.53	45 47N	5 29E	76.4	189.2	2.511	-10.15	55.6	S0312	.0409U	9.4828	0.8	A
9023	38068.93	44 11N	4 43E	79.6	189.0	2.385	-20.65	56.8	S0312	.0309U	9.0622	0.8	F
9024	38071.93	44 10N	4 43E	78.5	189.0	2.385	-20.30	56.8	S0312	.0309U	9.3261	0.8	V
9025	38079.93	43 59N	4 58E	74.7	188.9	2.511	-7.35	57.4	S0312	.0220U	9.7961	0.6	V
9026	38082.73	43 59N	4 58E	75.6	188.8	2.733	-7.35	57.5	S0312	.0220U	9.5900	0.6	A
9027	38176.53	36 48N	2 56E	77.7	188.0	2.733	-19.25	62.4	S0312	.0220U	9.2931	0.6	F
9028	38179.33	36 48N	2 56E	76.6	188.0	2.733	-18.90	62.4	S0312	.0220U	9.5570	0.6	V
9029	38182.33	36 35N	2 53E	76.8	188.0	2.733	-19.25	62.5	S0312	.0220U	9.5405	1.0	V
9030	38185.93	36 34N	2 49E	78.1	188.0	2.733	-20.30	62.5	S0312	.0220U	9.3013	1.0	A
9031	38194.33	35 33N	2 53E	74.8	187.9	2.872	-11.20	63.4	S0312	.0220U	9.6559	0.8	F
9032	38199.53	35 34N	2 54E	74.6	187.9	2.872	-10.15	63.4	S0312	.0220U	9.7136	1.0	A
9033	38211.33	34 42N	3 15E	76.4	187.8	2.872	10.85	64.2	S0312	.0309U	9.4663	0.4	A
9034	38219.13	33 48N	2 56E	74.6	187.8	3.090	5.25	64.8	S0312	.0220U	9.7136	1.0	F
9035	38224.53	33 48N	2 56E	74.8	187.7	2.872	6.65	64.8	S0312	.0220U	9.6724	0.8	A
9036	38276.13	30 2N	2 20E	76.7	187.4	2.872	14.70	67.2	S0312	.0309U	9.5570	1.0	V
9037	38286.73	29 12N	1 26E	75.5	187.4	3.090	-14.70	67.1	S0312	.0309U	9.5817	1.0	F
9038	38298.53	28 42N	1 57E	76.2	187.3	3.090	11.20	67.8	S0312	.0309U	9.4828	1.0	A
9039	38304.13	28 18N	1 59E	78.1	187.3	2.872	16.10	68.1	S0312	.0309U	9.2436	0.8	A
9040	38319.73	27 6N	1 7E	73.7	187.2	3.090	-9.80	68.2	S0312	.0309U	9.9445	1.0	V
9041	38329.33	26 44N	0 17E	88.9	187.2	2.872	-36.05	67.8	S0312	.0168U	8.1881	0.6	A
9042	38339.33	25 49N	0 15E	84.3	187.1	2.872	-32.20	68.3	S0312	.0309U	8.6994	1.0	V
9043	38357.73	24 36N	1 16E	79.2	187.1	2.872	17.50	69.7	S0312	.0309U	9.1199	1.0	A
9044	38461.93	17 6N	0 24W	76.5	186.7	3.211	7.35	70.9	S0312	.0309U	9.4910	0.8	F
158 9001	43799.73	14 58N	23 30W	78.8	186.7	3.211	-19.25	70.2	S0312	.0309U	9.1529	1.2	F
9002	43805.73	14 57N	23 30W	78.6	186.7	3.439	-18.55	70.2	S0312	.0309U	9.2189	0.6	A
159 9001	49519.12	13 45S	49 3W	112.7	186.6	2.385	36.40	54.6	S0312	.0220U	6.4070	1.0	F
9002	49598.32	18 51S	50 29W	98.7	186.8	2.733	21.35	49.9	S0312	.0309U	7.3470	1.0	V
9003	49670.32	23 40S	51 25W	101.9	187.0	2.511	19.60	45.8	S0312	.0309U	6.9842	1.2	A
9004	49696.72	25 10S	53 3W	101.6	187.1	3.439	-22.75	43.7	S0312	.0309U	7.0502	1.0	A
9005	49706.92	26 10S	52 41W	94.9	187.2	3.211	-5.25	43.0	S0312	.0309U	7.6192	1.0	V
9006	49716.52	27 0S	52 39W	96.9	187.2	3.090	1.40	42.3	S0312	.0309U	7.3965	1.0	F
9007	49722.92	27 6S	52 37W	97.5	187.2	3.090	2.80	42.4	S0312	.0309U	7.2976	1.0	A
9008	49739.72	28 6S	53 35W	101.0	187.3	3.211	-17.50	40.6	S0312	.0309U	7.0667	0.6	F
9009	49749.52	29 5S	53 12W	97.3	187.4	3.090	-2.80	40.4	S0312	.0409U	7.4213	1.0	V
9010	49758.72	29 49S	53 48W	100.9	187.4	3.211	-16.80	39.7	S0312	.0309U	7.1574	0.6	V
9011	49762.52	29 40S	53 41W	100.9	187.4	3.211	-12.95	39.8	S0312	.0309U	7.0667	1.0	A
9012	49773.12	30 19S	54 18W	108.6	187.5	3.211	-25.90	38.9	S0312	.0309U	6.5719	0.4	A
9013	49779.12	30 58S	54 39W	112.4	187.5	3.090	-31.15	38.2	S0312	.0309U	6.4235	0.4	V
9014	49786.92	31 19S	54 5W	102.4	187.6	3.211	-14.00	38.2	S0312	.0309U	6.9595	1.6	A
9015	49793.12	31 57S	54 36W	107.4	187.6	3.090	-24.50	37.5	S0312	.0309U	6.7203	1.0	V
9016	49801.12	32 17S	54 12W	102.4	187.6	3.090	-10.85	37.4	S0312	.0309U	6.9595	1.0	A
9017	49810.12	33 5S	55 3W	111.9	187.7	3.090	-28.70	36.4	S0312	.0309U	6.4482	1.0	V
9018	49815.92	33 16S	54 54W	109.7	187.7	3.211	-24.15	36.3	S0312	.0309U	6.4977	0.8	A
9019	49824.92	34 22S	55 13W	111.5	187.8	2.872	-25.55	35.2	S0312	.0309U	6.3740	0.4	F
9020	49829.72	34 7S	55 20W	115.0	187.8	3.090	-29.05	35.4	S0312	.0309U	6.2091	1.0	A
9021	49835.32	34 49S	55 5W	106.4	187.8	3.090	-19.25	34.9	S0312	.0309U	6.7781	1.0	V
9022	49839.32	34 50S	55 5W	107.7	187.9	3.090	-18.90	34.9	S0312	.0309U	6.6131	1.0	A
160 9001	54861.92	16 19S	71 33W	115.0	186.7	2.170	37.45	52.5	S0312	.0220U	6.2916	0.8	F
9002	54867.52	16 23S	71 50W	105.7	186.7	2.385	31.15	52.2	S0312	.0220U	6.8688	1.2	V
9003	54872.12	16 42S	71 51W	107.6	186.7	2.385	32.20	52.0	S0312	.0309U	6.7451	0.6	V

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
160 9004	54880.12	16 06S	72 6W	103.8	186.7	2.385	26.95	51.7	S0312	.0309U	6.8605	0.6	A
161 9001	59635.52	20 42N	88 11W	74.7	186.9	3.211	6.30	70.6	S0312	.0309U	9.8043	0.4	V
9002	59638.12	20 42N	88 11W	75.7	186.9	3.211	6.65	70.6	S0312	.0309U	9.9405	0.6	A
9003	59649.72	19 58N	88 51W	76.8	186.8	3.439	-16.45	70.3	S0312	.0309U	9.4415	1.0	A
9004	59687.52	17 13N	89 2W	75.1	186.7	3.439	-3.15	70.7	S0312	.0309U	9.6477	0.6	F
9005	59688.92	17 6N	89 16W	75.1	186.7	3.439	-11.90	70.5	S0312	.0309U	9.7466	1.0	V
9006	59696.32	16 42N	89 24W	75.9	186.7	3.439	-12.25	70.5	S0312	.0309U	9.5240	0.8	F
9007	59702.72	16 15N	89 3W	76.2	186.7	3.211	5.25	70.4	S0312	.0309U	9.4745	0.6	A
9008	59716.12	14 59N	89 32W	75.8	186.7	3.439	-7.35	70.5	S0312	.0309U	9.5487	0.6	F
9009	59718.92	14 58N	89 32W	74.9	186.7	3.439	-7.00	70.5	S0312	.0309U	9.7714	0.6	V
9010	59726.12	14 16N	89 53W	78.2	186.6	3.439	-17.50	70.2	S0312	.0309U	9.2456	0.6	F
9011	59731.72	14 18N	89 53W	77.9	186.6	3.439	-16.45	70.2	S0312	.0309U	9.2931	0.6	A
9012	59736.92	13 56N	89 51W	76.6	186.6	3.439	-11.90	70.3	S0312	.0309U	9.4498	0.4	A
9013	59741.72	13 36N	89 50W	76.3	186.6	3.439	-6.40	70.3	S0312	.0309U	9.4745	0.6	A
162 5001	64809.31	29 06N	109 13W	78.1	187.4	2.872	-22.05	66.9	S0255	.0226U	9.2508	0.8	F
5002	64814.71	29 27N	109 34W	83.6	187.4	2.733	-31.85	66.7	S0255	.0226U	8.7561	0.8	V
5003	64824.51	28 46N	109 37W	82.0	187.3	2.733	-29.40	67.1	S0255	.0226U	8.9292	1.0	V
5004	64829.91	28 12N	109 45W	83.5	187.3	2.733	-30.10	67.4	S0255	.0226U	8.6489	1.0	F
5005	64836.71	28 9N	109 51W	85.4	187.3	2.872	-32.55	67.3	S0255	.0226U	8.5087	0.8	A
9001	64783.11	31 21N	108 17W	73.2	187.5	3.090	-0.35	66.3	S0312	.0309U	9.9033	1.2	F
9002	64789.31	30 57N	108 43W	74.5	187.5	3.090	-14.00	66.3	S0312	.0309U	9.7054	0.8	F
9003	64793.91	30 49N	108 41W	73.0	187.5	3.090	-10.85	66.4	S0312	.0309U	10.0517	1.0	V
9004	64798.71	30 30N	108 56W	75.1	187.5	2.872	-17.85	66.4	S0312	.0309U	9.7466	0.6	V
9005	64818.71	28 58N	109 44W	87.0	187.4	2.511	-34.30	66.9	S0312	.0309U	8.2623	1.0	F
9006	64841.71	27 35N	109 55W	83.6	187.2	2.872	-31.50	67.6	S0312	.0309U	8.7489	0.4	V
9007	64844.71	27 33N	109 55W	84.3	187.2	2.872	-31.15	67.6	S0312	.0309U	8.6087	0.4	A
9008	64861.31	26 18N	109 3W	76.9	187.2	3.090	12.60	69.0	S0312	.0309U	9.3838	0.8	A
163 9001	68736.71	54 32N	43 20E	115.1	348.8	-1.812	-20.30	-16.6	S0312	.2977U	6.1679	1.0	A
9002	70860.91	21 30S	138 59W	117.1	186.9	2.170	32.20	47.5	S0312	.0309U	6.1844	0.8	V
9003	70865.31	21 34S	138 59W	119.4	186.9	2.170	32.55	47.5	S0312	.0220U	5.9452	0.6	A
164 9001	75826.71	2 5N	157 27W	89.1	186.4	2.872	21.35	66.1	S0312	.0309U	8.2129	0.8	V
9002	75829.91	2 5N	157 27W	90.6	186.4	2.872	21.70	66.1	S0312	.0309U	7.9408	0.8	A
167 9001	5570.50	12 45S	133 21E	91.9	186.6	3.211	7.70	55.2	S0312	.0309U	7.8418	0.8	F
9002	5573.70	12 45S	133 20E	91.1	186.6	3.211	8.05	55.2	S0312	.0309U	7.9737	0.8	V
9003	5580.10	12 39S	132 54E	89.7	186.6	3.439	-5.60	54.7	S0312	.0309U	8.0974	0.6	V
9004	5583.50	12 39S	132 54E	91.0	186.6	3.439	-5.25	54.7	S0312	.0309U	7.8748	0.6	A
168 9001	9802.50	62 0N	129 40E	80.2	193.9	1.687	11.55	41.8	S0312	.0309U	9.1199	0.6	V
9002	9805.50	61 56N	129 40E	81.2	193.7	1.687	11.90	41.8	S0312	.0309U	8.9055	0.6	A
9003	10015.70	47 36N	122 58E	74.4	189.5	2.385	-2.80	54.4	S0312	.0409U	9.8538	0.6	V
9004	10018.50	47 37N	122 58E	75.2	189.5	2.385	-2.45	54.4	S0312	.0409U	9.6312	0.6	A
9005	10036.30	46 5N	122 28E	75.1	189.3	2.511	-4.20	55.7	S0312	.0409U	9.6312	0.6	F
9006	10042.50	45 46N	122 40E	74.9	189.2	2.511	5.25	56.0	S0312	.0409U	9.7961	0.6	V
9007	10045.30	45 46N	122 40E	75.8	189.2	2.511	5.60	56.0	S0312	.0409U	9.5570	0.6	A
9008	10114.10	40 44N	120 53E	75.0	188.5	2.733	-8.75	59.9	S0312	.0309U	9.6394	0.8	F
9009	10119.50	40 44N	120 53E	74.9	188.5	2.733	-8.05	59.9	S0312	.0309U	9.6807	0.8	A
9010	10132.10	39 19N	121 46E	89.5	188.3	2.511	30.80	61.4	S0312	.0220U	8.1387	0.8	F
9011	10135.10	39 20N	121 46E	88.8	188.3	2.511	31.15	61.4	S0312	.0220U	8.2706	1.0	V
9012	10140.30	38 49N	121 18E	81.9	188.3	2.733	21.70	61.7	S0312	.0309U	8.8726	0.4	F
9013	10143.10	38 49N	121 19E	81.2	188.3	2.511	22.40	61.7	S0312	.0309U	9.0375	0.6	V
9014	10146.10	38 49N	121 18E	82.4	188.2	2.511	22.75	61.7	S0312	.0409U	8.7736	0.6	A
9015	10154.70	37 51N	120 55E	79.4	188.2	2.733	17.50	62.3	S0312	.0309U	9.1947	1.4	F
9016	10160.50	37 50N	120 56E	79.9	188.1	2.733	18.55	62.4	S0312	.0309U	9.0457	1.4	A
9017	10168.70	37 4N	120 48E	79.9	188.1	2.733	20.30	62.9	S0312	.0309U	9.1694	0.6	V
9018	10171.70	37 4N	120 48E	81.2	188.0	2.511	21.00	62.9	S0312	.0309U	8.9055	0.6	A
9019	10177.70	36 47N	120 23E	77.0	188.0	2.733	12.25	63.4	S0312	.0309U	9.4250	0.8	F
9020	10183.10	36 48N	120 23E	77.3	188.0	2.733	12.95	63.4	S0312	.0309U	9.3591	1.0	A
9021	10239.70	32 6N	118 50E	75.1	187.6	3.090	-10.85	65.8	S0312	.0309U	9.6394	1.0	F
9022	10245.10	32 6N	118 50E	74.9	187.6	3.090	-9.80	65.8	S0312	.0309U	9.6807	1.0	A
9023	10268.50	30 42N	117 55E	82.5	187.4	2.733	-29.40	66.4	S0312	.0309U	8.8726	0.4	V
9024	10271.50	30 42N	117 55E	83.3	187.4	2.733	-29.05	66.4	S0312	.0309U	8.7241	0.4	A
9025	10292.50	28 59N	117 49E	78.3	187.3	2.872	-20.65	67.5	S0312	.0309U	9.2106	0.4	F
9026	10295.30	28 59N	117 48E	77.3	187.3	2.872	-20.30	67.5	S0312	.0309U	9.4745	0.4	V
9027	10304.50	28 25N	117 49E	73.9	187.2	3.211	-3.85	68.8	S0312	.0309U	9.9198	0.6	V
9028	10327.30	26 25N	117 49E	74.8	187.2	3.211	-3.50	68.8	S0312	.0309U	9.6807	0.6	A
9029	10350.70	24 35N	117 40E	74.9	187.1	3.090	4.90	69.6	S0312	.0220U	9.7879	0.6	V
9030	10353.50	24 35N	117 40E	75.9	187.1	3.090	5.25	69.6	S0312	.0220U	9.5240	0.6	A
9031	10806.70	7 10S	112 45E	103.5	186.5	2.733	29.75	59.7	S0312	.0309U	6.9842	0.8	F
9032	10810.50	7 11S	112 45E	103.1	186.5	2.511	30.45	59.7	S0312	.0309U	7.0584	0.6	V
169 5001	15751.89	18 32N	94 59E	89.1	186.4	3.511	28.35	71.5	S0255	.0226U	8.0965	0.6	A
9001	15235.50	53 57N	102 4E	82.9	190.9	1.810	-25.90	48.8	S0312	.0409U	8.8396	0.6	V
9002	15240.50	53 47N	102 15E	80.6	190.6	2.033	-20.30	49.0	S0312	.0309U	8.9962	0.4	A
9003	15253.90	52 24N	104 12E	98.2	190.6	1.810	37.80	50.7	S0312	.0220U	7.4625	0.8	V

Handle via
BYEMAN Channels
BYE-8915/84

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
169 9004	15257.49	52 24N	104 11E	99.3	190.5	1.810	37.80	50.7	S0312	.02200	7.2728	0.8	A
9005	15412.29	41 41N	99 58E	81.3	188.6	2.385	23.10	59.5	S0312	.03090	9.0127	0.4	V
9006	15415.29	41 41N	99 58E	82.5	188.6	2.385	23.45	59.5	S0312	.03090	8.7489	0.4	A
9007	15425.09	40 39N	99 27E	77.9	188.5	2.733	15.75	60.2	S0312	.03090	9.3178	0.4	F
9008	15428.69	40 39N	99 28E	77.7	188.5	2.511	17.15	60.3	S0312	.03090	9.4498	0.6	V
9009	15431.69	40 39N	99 28E	78.7	188.4	2.511	17.50	60.3	S0312	.03090	9.1859	0.4	A
9010	15440.29	39 59N	98 21E	74.6	188.4	2.733	-15.05	60.4	S0312	.03090	9.8208	1.0	V
9011	15448.09	39 29N	98 44E	74.0	188.3	2.733	2.10	60.9	S0312	.03090	9.7796	0.6	A
9012	15474.49	37 25N	97 22E	80.8	188.1	2.511	-28.00	62.1	S0312	.03090	8.9220	0.8	F
9013	15480.29	37 25N	97 22E	80.4	188.1	2.733	-27.65	62.1	S0312	.03090	9.0375	0.6	A
9014	15718.09	20 50N	94 54E	78.0	186.9	3.211	10.50	70.8	S0312	.03090	9.3013	1.2	F
9015	15745.49	19 32N	94 59E	88.2	186.8	2.872	27.30	71.5	S0312	.03090	8.2541	0.6	F
9016	15846.49	11 42N	92 44E	79.4	186.6	3.439	-13.30	69.7	S0312	.04090	9.0869	1.2	F
9017	15852.09	11 42N	92 44E	79.4	186.6	3.439	-12.25	69.8	S0312	.04090	9.1034	1.0	A
170 9001	20524.89	55 6N	82 60E	93.6	191.3	1.810	33.60	48.3	S0312	.03090	7.8336	0.8	V
9002	20528.29	55 6N	82 60E	95.0	191.2	1.810	33.95	48.3	S0312	.03090	7.6027	0.8	A
9003	20865.09	32 6N	73 48E	88.2	187.6	2.511	-35.70	65.3	S0312	.02200	8.2871	0.6	V
9004	20872.09	31 53N	74 21E	75.0	187.5	2.733	-14.00	66.1	S0312	.03090	9.7714	0.4	V
9005	20874.89	31 53N	74 21E	75.8	187.5	3.090	-14.00	66.1	S0312	.03090	9.5652	1.2	A
9006	20880.49	31 6N	74 28E	74.5	187.5	3.090	-5.95	66.4	S0312	.03090	9.7219	0.4	A
9007	20886.29	30 42N	74 44E	75.9	187.5	2.872	8.40	66.9	S0312	.02200	9.5322	1.0	A
9008	20896.49	29 52N	73 59E	75.3	187.4	3.090	-15.05	67.0	S0312	.03090	9.7301	0.6	V
9009	20900.29	29 25N	73 55E	76.1	187.4	3.090	-14.70	67.2	S0312	.02200	9.4992	0.8	F
9010	20905.69	29 25N	73 54E	76.0	187.4	3.090	-14.00	67.2	S0312	.02200	9.5487	1.0	A
9011	20922.69	28 7N	73 13E	82.8	187.3	2.733	-29.40	67.5	S0312	.02200	8.8478	1.0	V
9012	20945.89	26 17N	73 4E	79.7	187.2	2.872	-22.75	68.5	S0312	.02200	9.0457	1.0	F
9013	20950.49	26 10N	73 6E	77.6	187.2	3.090	-20.30	68.6	S0312	.02200	9.4415	0.6	V
9014	20965.69	24 50N	72 51E	78.9	187.1	3.090	-21.00	69.0	S0312	.03090	9.1529	0.8	F
9015	20969.89	24 38N	72 44E	80.0	187.1	3.090	-23.45	69.1	S0312	.03090	9.0292	1.0	F
9016	20991.89	23 6N	72 39E	77.2	187.0	3.211	-15.40	69.7	S0312	.02200	9.3591	0.8	F
9017	20995.09	23 4N	72 37E	76.4	187.0	3.211	-15.75	69.7	S0312	.03090	9.5817	0.4	V
9018	20997.89	23 4N	72 37E	77.3	187.0	3.211	-15.40	69.7	S0312	.03090	9.3756	0.4	A
9019	21007.09	22 22N	73 14E	79.8	186.9	2.872	15.75	70.6	S0312	.02200	9.0457	0.8	A
9020	21022.09	21 10N	72 44E	75.6	186.9	3.211	4.55	70.6	S0312	.04090	9.6889	0.6	V
9021	21037.89	19 54N	72 40E	78.4	186.8	3.211	10.85	70.9	S0312	.03090	9.2601	0.6	F
9022	21043.49	19 32N	72 40E	78.8	186.8	3.090	11.90	71.0	S0312	.03090	9.1529	0.6	A
9023	21052.29	19 1N	72 51E	85.2	186.8	2.733	24.85	71.4	S0312	.03090	8.5839	1.0	V
9024	21056.29	18 44N	72 53E	87.6	186.8	2.733	27.65	71.5	S0312	.03090	8.3448	1.0	V
9025	21059.49	18 44N	72 53E	88.8	186.8	2.733	27.65	71.5	S0312	.03090	8.1057	1.0	A
171 5001	25791.49	58 11N	60 57E	77.4	192.2	1.810	5.95	45.3	S0255	.03150	9.4652	0.6	V
5002	25794.29	58 11N	60 57E	78.3	192.2	1.810	6.30	45.3	S0255	.03150	9.2425	0.6	A
5003	25826.09	55 44N	60 48E	87.2	191.5	1.810	27.30	47.6	S0255	.03150	8.4098	0.8	V
5004	25929.29	48 44N	58 6E	86.8	189.8	2.170	28.35	53.8	S0255	.02260	8.4510	2.0	V
5005	25935.09	48 34N	58 1E	87.9	189.7	2.170	26.35	54.0	S0255	.02260	8.2449	1.0	A
9001	25655.89	67 30N	64 20E	92.8	196.8	0.986	-31.85	36.5	S0312	.02200	7.8583	0.8	V
9002	25659.29	67 30N	64 20E	93.5	196.6	0.986	-31.50	36.5	S0312	.02200	7.7346	0.8	A
9003	25791.49	58 11N	60 57E	77.4	192.2	1.810	5.95	45.3	S0312	.04090	9.4663	0.6	V
9004	25794.29	58 11N	60 57E	78.3	192.2	1.810	6.30	45.3	S0312	.04090	9.2436	0.6	A
9005	25804.29	57 56N	60 43E	79.7	191.9	2.033	11.90	46.3	S0312	.04090	9.0869	0.4	F
9006	25807.29	57 56N	60 43E	78.8	191.9	2.033	12.25	46.3	S0312	.04090	9.2931	0.4	V
9007	25810.09	57 54N	60 38E	78.8	191.8	2.033	12.60	46.5	S0312	.04090	9.2849	0.6	V
9008	25812.89	57 54N	60 38E	79.7	191.8	2.033	12.60	46.5	S0312	.04090	9.0705	0.6	A
9009	25818.09	57 7N	60 38E	83.2	191.6	2.033	19.95	47.3	S0312	.04090	8.7076	0.8	F
9010	25821.09	57 7N	60 37E	82.2	191.6	2.033	19.95	47.3	S0312	.04090	8.9138	0.8	V
9011	25839.29	54 51N	58 39E	78.6	191.2	2.033	-15.05	48.1	S0312	.04090	9.1777	1.4	F
9012	25845.09	54 50N	58 38E	78.4	191.1	2.033	-14.70	48.1	S0312	.04090	9.2436	1.2	A
9013	25851.09	54 50N	57 52E	84.0	191.0	1.810	-26.25	48.7	S0312	.04090	8.5674	0.6	F
9014	25854.09	54 50N	57 52E	82.7	190.9	1.810	-25.90	48.7	S0312	.04090	8.8496	1.2	V
9015	25857.69	54 43N	57 50E	83.7	190.9	2.033	-26.25	48.7	S0312	.04090	8.6582	0.6	A
9016	25999.49	43 26N	54 48E	81.5	188.9	2.385	-25.55	57.2	S0312	.03090	8.8478	0.6	F
9017	26002.29	43 27N	54 48E	80.3	188.9	2.385	-25.20	57.2	S0312	.03090	9.1117	1.4	V
9018	26006.09	43 53N	54 47E	81.0	188.9	2.385	-24.85	57.3	S0312	.03090	8.9550	0.6	A
9019	26063.09	39 31N	54 22E	74.5	188.4	2.733	-2.80	60.9	S0312	.02200	9.7136	1.0	F
9020	26068.49	39 31N	54 23E	74.5	188.3	2.733	-1.75	60.9	S0312	.02200	9.7219	0.8	A
9021	26096.49	37 39N	53 55E	74.5	188.1	2.872	-1.40	62.3	S0312	.03090	9.7219	0.4	A
9022	26103.29	36 46N	53 32E	74.9	188.0	2.872	-9.10	62.8	S0312	.02200	9.6642	1.4	F
9023	26108.69	36 46N	53 32E	74.8	188.0	2.872	-8.40	62.8	S0312	.02200	9.6889	0.8	A
9024	26115.69	36 8N	53 4E	76.9	188.0	2.733	-20.30	63.1	S0312	.03090	9.5240	0.6	V
9025	26122.29	35 38N	53 30E	73.0	187.9	2.872	-0.35	63.7	S0312	.03090	10.0435	1.0	V
9026	26127.69	35 25N	53 41E	75.3	187.9	2.872	8.75	64.0	S0312	.03090	9.6064	0.8	A
9027	26155.29	33 41N	52 2E	87.8	187.7	2.733	-35.00	64.4	S0312	.03090	8.2706	0.6	A
9028	26159.49	33 24N	51 57E	88.0	187.7	2.733	-35.70	64.6	S0312	.03090	8.2541	1.0	A
9029	26165.29	32 47N	51 51E	86.6	187.6	2.511	-35.00	65.0	S0312	.03090	8.4685	0.6	V
9030	26168.49	32 46N	51 52E	86.8	187.6	2.733	-34.30	65.0	S0312	.03090	8.3695	0.6	A
9031	26186.89	31 10N	52 40E	73.5	187.5	2.872	5.95	66.6	S0312	.03090	9.9775	1.0	V
9032	26199.29	30 12N	51 32E	83.3	187.4	2.733	-29.40	66.5	S0312	.03090	8.6582	0.6	F
9033	26212.49	29 34N	52 35E	78.4	187.4	2.872	16.80	67.7	S0312	.02200	9.2024	0.8	A
9034	26256.89	26 14N	50 36E	87.8	187.2	2.733	-33.60	68.3	S0312	.03090	8.2129	0.8	F
9035	26259.89	26 10N	50 36E	86.5	187.2	2.733	-33.25	68.3	S0312	.03090	8.4685	1.0	V
9036	26261.49	26 8N	50 34E	86.5	187.2	2.733	-33.25	68.3	S0312	.03090	8.4685	0.8	V
9037	26264.69	26 8N	50 35E	86.9	187.1	2.733	-32.55	68.3	S0312	.03090	8.3613	0.8	A
9038	26279.89	24 50N	50 45E	77.4	187.1	3.090	-18.90	69.1	S0312	.03090	9.4663	0.8	V
9039	26296.49	23 41N	50 33E	77.1	187.0	3.090	-17.85	69.5	S0312	.03090	9.4992	0.8	V

Handle via
BYEMAN Channels
BYE-8915/84

Approved for Release: 2021/01/22 C05132886

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
171 9040	26384.49	17 21N	49 56E	77.2	186.7	3.211	5.25	71.0	SO312	.02200	9.3920	1.6	F
9041	26391.09	17 17N	49 52E	77.9	186.7	3.211	8.05	71.0	SO312	.03090	9.2601	1.0	A
9042	26411.49	15 00N	48 48E	86.2	186.7	3.211	-29.75	70.1	SO312	.01680	8.4190	0.6	A
9043	26425.29	14 54N	49 9E	77.6	186.6	3.439	-6.65	70.5	SO312	.03090	9.3178	0.8	F
9044	26426.49	14 52N	49 9E	76.7	186.6	3.439	-5.95	70.5	SO312	.03090	9.5322	0.4	V
9045	26431.09	14 53N	49 9E	77.7	186.6	3.439	-5.95	70.5	SO312	.04090	9.3013	0.8	A
9046	26541.09	6 49N	47 25E	83.4	186.5	3.439	-21.00	67.7	SO312	.03090	8.7571	0.6	V
9047	26544.29	6 48N	47 25E	84.2	186.5	3.439	-20.30	67.7	SO312	.03090	8.5839	0.6	A
9048	26845.09	17 1S	42 44E	108.9	186.7	3.090	-32.90	50.4	SO312	.02200	6.5554	1.0	F
9049	26904.89	18 1S	44 2E	100.5	186.8	2.872	16.10	50.4	SO312	.03090	7.0882	1.0	A
9050	26917.29	18 03S	44 24E	114.3	186.8	2.170	30.80	50.0	SO312	.02200	6.2091	1.0	A
172 5001	31099.69	58 0N	38 49E	78.3	192.3	2.033	6.30	45.4	SO255	.03150	9.2425	0.6	F
5002	31105.29	59 0N	38 50E	78.4	192.1	1.810	7.35	45.4	SO255	.03150	9.2425	0.6	A
5003	31126.29	56 20N	38 11E	77.7	191.7	2.033	9.45	46.9	SO255	.03150	9.4259	0.6	V
5004	31133.69	55 49N	37 33E	76.9	191.5	2.033	0.70	47.4	SD255	.03150	9.3992	0.6	F
9001	31009.09	64 37N	39 51E	97.5	195.0	0.986	-37.10	39.1	SO312	.04090	7.4790	0.8	V
9002	31012.69	64 37N	39 50E	98.6	194.6	0.986	-37.10	39.1	SO312	.04090	7.3305	0.8	A
9003	31032.29	62 05N	40 36E	78.6	194.1	1.475	-9.45	40.9	SO312	.03090	9.2931	0.6	V
9004	31035.09	62 05N	40 35E	79.5	194.1	1.687	-9.80	40.9	SO312	.03090	9.1034	0.6	A
9005	31045.09	59 8N	38 38E	78.4	192.6	1.810	-9.10	44.4	SO312	.04090	9.2106	0.8	F
9006	31090.69	59 0N	38 38E	78.1	192.5	1.810	-6.40	44.4	SO312	.04090	9.2684	0.8	A
9007	31121.89	56 54N	38 12E	78.4	191.8	2.033	8.40	46.8	SO312	.04090	9.2271	0.8	F
9008	31141.89	55 20N	36 34E	80.2	191.4	1.810	-18.55	47.7	SO312	.04090	8.9880	0.6	F
9009	31147.69	55 19N	36 33E	79.9	191.2	2.033	-18.20	47.7	SO312	.04090	9.0787	0.6	A
9010	31165.09	53 50N	35 47E	81.8	190.9	1.810	-24.15	48.9	SO312	.04090	8.9385	0.6	V
9011	31168.09	53 38N	35 47E	82.6	190.9	2.033	-24.15	48.9	SD312	.04090	8.7818	0.6	A
9012	31204.89	51 0N	34 44E	83.1	190.3	2.033	-25.90	51.4	SO312	.03090	8.6664	0.4	F
9013	31207.89	51 0N	34 44E	81.9	190.2	2.033	-25.55	51.4	SO312	.04090	8.9385	0.4	V
9014	31220.49	49 59N	36 24E	86.6	190.0	2.170	28.00	52.8	SO312	.03090	8.4603	0.6	V
9015	31223.49	49 59N	36 23E	87.6	190.0	2.170	28.00	52.8	SO312	.03090	8.2459	0.6	A
9016	31242.69	48 27N	35 59E	89.1	189.7	2.170	30.80	54.1	SO312	.03090	8.2294	0.4	V
9017	31245.89	48 27N	35 60E	90.5	189.7	2.170	31.15	54.1	SO312	.03090	7.9820	0.6	A
9018	31498.69	30 51N	30 12E	74.6	187.5	3.090	-5.60	66.6	SO312	.02200	9.7054	0.8	F
9019	31504.09	30 51N	30 12E	74.6	187.5	3.090	-4.55	66.6	SO312	.02200	9.7054	0.8	A
9020	31867.09	5 42N	25 56E	85.0	186.5	3.211	15.40	67.8	SO312	.03090	8.5262	1.0	F
9021	31878.49	5 0N	25 9E	82.4	186.5	3.574	-14.35	67.0	SO312	.03090	8.7654	1.0	A
9022	31908.49	2 49N	24 45E	82.8	186.4	3.574	-15.40	65.7	SO312	.03090	8.8066	0.6	V
9023	31911.49	2 49N	24 44E	83.8	186.4	3.574	-15.05	65.7	SO312	.03090	8.6004	0.6	A
9024	32039.69	5 01S	22 28E	107.1	186.5	3.439	-38.85	59.3	SO312	.02200	6.7368	1.0	A
9025	32046.69	6 20S	22 52E	93.0	186.5	3.574	-24.15	59.2	SO312	.03090	7.7346	1.0	A
9026	32127.29	12 0S	23 29E	110.0	186.6	2.170	32.55	55.8	SO312	.02200	6.4730	1.0	A
9027	32158.69	14 0S	21 27E	98.6	186.6	3.574	-24.85	53.1	SO312	.02200	7.2893	0.6	A
9028	32179.09	15 40S	21 24E	94.1	186.7	3.439	-16.45	51.8	SO312	.03090	7.7099	0.8	V
9029	32215.49	17 20S	20 47E	100.3	186.8	3.574	-22.75	49.8	SO312	.02200	7.1409	0.6	A
9030	32235.09	19 00S	20 28E	100.3	186.8	3.439	-23.10	48.4	SO312	.03090	7.2151	1.0	V
9031	32306.69	24 0S	19 8E	115.3	187.1	3.439	-33.60	44.2	SO312	.03090	6.2091	1.2	A
9032	32359.29	27 09S	18 45E	107.0	187.3	3.211	-22.40	40.9	SO312	.03090	6.7368	1.2	V
9033	32441.49	33 09S	18 26E	106.6	187.7	2.733	3.50	36.2	SO312	.03090	6.7503	0.4	V
9034	32445.49	33 09S	18 26E	108.2	187.7	2.733	3.85	36.2	SO312	.03090	6.5472	0.4	A
173 5001	36484.28	53 40N	14 59E	80.1	190.7	2.170	15.40	49.8	SO255	.03150	9.0529	0.8	A
5002	36492.88	52 40N	14 1E	76.2	190.6	2.170	-4.90	50.1	SO255	.03150	9.5064	0.6	A
9001	36293.88	65 37N	22 13E	87.1	195.9	1.475	22.05	38.5	SO312	.04090	8.3118	1.2	F
9002	36299.08	65 20N	21 32E	83.1	195.7	1.475	15.05	38.7	SO312	.04090	8.6994	1.2	F
9003	36302.68	65 10N	21 31E	82.4	195.5	1.475	15.75	38.8	SO312	.04090	8.8808	0.6	V
9004	36308.28	64 42N	21 17E	84.8	195.3	1.687	18.55	39.4	SO312	.04090	8.5262	0.8	F
9005	36313.68	64 27N	20 58E	82.0	195.1	1.475	13.30	39.3	SO312	.04090	8.8148	0.6	A
9006	36321.88	63 51N	20 16E	81.4	194.8	1.687	11.90	40.1	SO312	.04090	8.8726	0.6	F
9007	36324.88	63 51N	20 16E	80.5	194.7	1.687	12.25	40.1	SO312	.04090	9.0787	0.6	V
9008	36329.48	63 43N	20 21E	82.7	194.5	1.475	15.75	40.3	SO312	.04090	8.7406	0.6	A
9009	36337.68	63 19N	18 43E	79.6	194.3	1.475	-9.80	40.5	SO312	.05410	9.0869	0.6	A
9010	36345.08	62 40N	17 57E	80.8	194.0	1.475	-17.15	41.1	SO312	.04090	9.0540	0.8	V
9011	36352.28	62 20N	17 21E	85.9	193.8	1.475	-25.20	41.3	SO312	.04090	8.4355	1.0	A
9012	36358.68	62 0N	17 5E	86.2	193.6	1.475	-25.90	41.7	SO312	.04090	8.4108	0.6	A
9013	36365.08	61 20N	17 7E	81.1	193.4	1.475	-18.90	42.3	SO312	.05410	9.0210	0.6	V
9014	36370.68	60 40N	17 15E	79.0	193.2	1.687	-10.15	42.9	SO312	.05410	9.1282	0.6	F
9015	36373.48	60 20N	17 14E	78.1	193.2	1.687	-10.50	42.9	SO312	.05410	9.3591	0.6	V
9016	36376.48	60 05N	17 11E	79.1	193.1	1.687	-11.20	42.9	SO312	.04090	9.1447	0.8	A
9017	36388.08	59 21N	18 8E	85.7	192.8	1.810	22.75	44.4	SO312	.04090	8.4603	0.8	F
9018	36391.08	59 21N	18 8E	84.7	192.7	1.810	22.75	44.4	SO312	.04090	8.6582	0.6	V
9019	36394.28	59 21N	18 3E	84.9	192.6	1.810	21.70	44.4	SO312	.04090	8.5180	0.8	A
9020	36401.08	59 40N	17 1E	77.5	192.4	1.810	6.30	44.8	SO312	.05410	9.4415	0.6	V
9021	36404.88	59 42N	17 7E	79.2	192.4	1.810	9.80	44.9	SO312	.04090	9.1364	0.8	A
9022	36412.88	57 40N	16 39E	78.7	192.2	2.033	8.40	45.7	SO312	.04090	9.1941	0.6	F
9023	36418.48	57 47N	16 39E	78.8	192.0	2.033	9.10	45.7	SO312	.05410	9.1859	0.6	A
9024	36425.68	57 17N	16 28E	78.9	191.9	2.033	10.15	46.2	SO312	.05410	9.1612	0.6	A
9025	36464.08	54 14N	15 43E	84.6	191.1	2.170	22.75	49.0	SO312	.04090	8.5757	0.6	F
9026	36467.08	54 14N	15 43E	83.9	191.0	2.170	23.10	49.0	SO312	.04090	8.7489	0.8	V
9027	36470.88	54 11N	15 34E	83.1	191.0	2.170	20.65	49.0	SO312	.04090	8.7076	0.6	A
9028	36492.88	52 40N	14 1E	76.2	190.6	2.170	-4.90	50.1	SO312	.04090	9.5075	0.6	A
9029	36498.48	52 2[illegible]	13 47E	76.1	190.5	2.170	-4.20	50.7	SO312	.04090	9.4992	0.6	F
9030	36501.28	52 2N	13 47E	75.1	190.5	2.170	-3.85	50.7	SO312	.04090	9.7466	0.6	V
9031	36505.68	51 49N	13 35E	76.0	190.4	2.385	-4.90	51.1	SO312	.04090	9.5075	0.4	F

Handle via
BYEMAN Channels
BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
173 9032	36508.68	51 20N	13 33E	75.9	190.3	2.385	-3.85	51.3	SO312	.04090	9.5240	0.8	F
9033	36514.08	51 20N	13 34E	75.8	190.3	2.385	-2.80	51.3	SO312	.04090	9.5570	0.8	A
9034	36679.48	39 46N	9 26E	82.0	188.4	2.385	-27.30	60.5	SO312	.02200	8.7983	0.8	F
9035	36682.48	39 45N	9 26E	80.8	188.3	2.385	-26.95	60.5	SO312	.02200	9.0705	0.8	V
9036	36713.48	37 17N	9 52E	75.5	188.1	2.872	7.00	62.7	SO312	.04090	9.6064	0.8	F
9037	36716.48	37 16N	9 51E	74.6	188.1	2.872	7.00	62.7	SO312	.04090	9.8291	0.6	V
9038	36734.68	36 56N	9 56E	77.7	188.0	2.733	14.00	63.1	SO312	.02200	9.3013	0.6	A
9039	36733.08	36 21N	9 20E	74.2	188.0	2.872	-3.50	63.2	SO312	.03090	9.7549	0.6	A
9040	36742.48	35 55N	8 27E	81.8	187.9	2.511	-28.35	63.3	SO312	.03090	8.9633	0.6	V
9041	36748.08	35 27N	8 8E	89.1	187.9	2.511	-36.05	63.3	SO312	.01680	8.1716	1.0	A
9042	36757.48	34 48N	8 5E	86.4	187.8	2.733	-33.60	63.8	SO312	.03090	8.4025	1.0	A
9043	36847.48	28 9N	6 50E	84.5	187.3	2.733	-30.45	67.6	SO312	.03090	8.5345	0.8	F
9044	36863.48	27 18N	8 11E	86.1	187.2	2.511	27.30	69.1	SO312	.03090	8.3695	1.0	A
9045	36916.08	23 51N	5 57E	85.2	187.0	3.090	-31.50	69.2	SO312	.03090	8.5262	1.2	A
9046	37113.08	9 56N	4 30E	80.6	186.5	3.211	11.20	69.7	SO312	.03090	9.0705	1.0	V
9047	37163.88	6 29N	3 26E	79.8	186.5	3.439	-8.05	67.9	SO312	.03090	9.1529	0.4	V
9048	37166.88	6 29N	3 26E	80.8	186.5	3.439	-7.35	67.9	SO312	.03090	8.9220	0.4	A
174 9001	42186.08	26 9N	14 29W	78.4	187.2	2.872	16.10	69.3	SO312	.02200	9.3508	1.0	V
9002	42219.48	23 45N	15 56W	80.5	187.0	3.090	-23.45	69.4	SO312	.01680	8.9715	1.0	F
9003	42301.08	18 7N	16 52W	81.4	186.8	3.211	-23.10	70.3	SO312	.03090	8.8478	0.6	F
9004	42307.08	18 7N	16 58W	81.0	186.8	3.211	-22.05	70.4	SO312	.03090	8.9385	0.6	A
9005	42335.08	16 5N	16 27W	81.0	186.7	3.090	14.70	71.2	SO312	.03090	8.8808	1.0	A
9006	42350.48	14 42N	17 25W	79.6	186.7	3.439	-16.80	70.3	SO312	.04090	9.0622	1.0	F
9007	42356.08	14 43N	17 26W	79.6	186.6	3.439	-16.10	70.3	SO312	.03090	9.0952	1.2	A
9008	42366.28	13 29N	16 42W	85.7	186.6	3.090	21.70	71.0	SO312	.03090	8.4603	0.6	F
9009	42372.48	13 29N	16 41W	87.0	186.6	2.872	23.45	71.0	SO312	.03090	8.2623	0.6	A
175 9001	47990.08	7 30S	41 54W	116.8	186.5	2.033	38.85	59.4	SO312	.02200	6.0772	1.0	A
9002	48015.28	9 32S	42 60W	93.2	186.5	3.090	14.70	57.5	SO312	.03090	7.6604	1.0	A
9003	48023.28	10 6S	42 24W	113.5	186.5	2.170	35.70	57.5	SO312	.02200	6.2668	1.0	A
9004	48046.28	12 6S	43 34W	92.2	186.6	3.211	9.45	55.3	SO312	.03090	7.8088	1.0	F
9005	48136.28	18 17S	44 33W	98.3	186.8	3.090	13.30	50.1	SO312	.03090	7.3141	1.0	F
9006	48142.28	18 44S	44 27W	101.9	186.8	2.872	18.90	49.8	SO312	.03090	7.0584	1.2	F
9007	48150.88	18 46S	44 55W	96.0	186.8	3.211	4.55	49.5	SO312	.03090	7.4295	1.0	A
9008	48156.88	19 11S	45 1W	96.0	186.8	3.211	3.85	49.2	SO312	.03090	7.4213	0.8	A
9009	48167.08	20 9S	44 51W	99.3	186.8	2.872	14.70	48.5	SO312	.03090	7.2893	1.0	V
9010	48172.68	20 32S	44 52W	100.6	186.9	2.872	16.45	48.2	SO312	.03090	7.1904	1.0	V
9011	48195.48	21 56S	46 30W	104.9	186.9	3.439	-27.30	46.2	SO312	.03090	6.8935	0.6	V
9012	48199.28	21 56S	46 30W	105.9	186.9	3.439	-26.60	46.2	SO312	.03090	6.7533	0.0	A
9013	48209.08	23 16S	45 51W	98.1	187.0	3.211	0.35	45.5	SO312	.03090	7.2976	0.8	F
9014	48212.48	23 12S	45 51W	97.2	187.0	3.211	0.70	45.6	SO312	.03090	7.4377	1.0	V
9015	48216.08	23 12S	45 52W	98.6	187.0	3.211	0.70	45.6	SO312	.03090	7.2151	0.8	A
176 5001	53779.87	41 12S	70 53W	124.3	188.5	2.170	23.10	29.4	SO255	.02260	5.7384	0.8	F
5002	53788.87	41 11S	70 52W	126.7	188.6	1.810	24.15	29.4	SO255	.02260	5.5982	1.0	A
9001	52958.28	15 34N	61 19W	77.4	186.7	3.439	-8.05	70.6	SO312	.03090	9.3343	0.8	A
9002	52965.48	14 37N	60 60W	79.9	186.7	3.211	11.55	70.9	SO312	.03090	9.0705	1.2	F
9003	53022.27	10 40N	61 31W	84.8	186.5	3.090	18.90	70.2	SO312	.03090	8.5510	0.4	F
9004	53025.27	10 41N	61 31W	84.1	186.5	3.090	19.25	70.2	SO312	.03090	8.6829	0.4	V
9005	53358.27	12 4S	66 49W	100.9	186.6	3.211	-30.45	54.5	SO312	.03090	7.1821	1.0	V
9006	53367.87	12 49S	66 7W	89.8	186.6	3.439	-1.75	54.5	SO312	.03090	8.0809	1.0	V
9007	53371.27	13 5S	66 9W	90.0	186.6	3.439	-1.75	54.3	SO312	.03090	8.0562	1.0	V
9008	53380.47	13 44S	65 47W	95.6	186.6	2.872	16.10	54.0	SO312	.03090	7.5862	1.0	V
9009	53386.87	13 57S	65 40W	101.0	186.6	2.733	21.70	53.9	SO312	.03090	7.0502	0.8	A
9010	53393.27	14 26S	65 35W	105.3	186.6	2.511	26.25	53.7	SO312	.03090	6.7616	1.0	A
9011	53395.87	14 34S	65 37W	105.4	186.6	2.511	26.25	53.5	SO312	.03090	6.7533	1.4	A
9012	53401.47	14 57S	65 38W	107.3	186.7	2.511	27.65	53.2	SO312	.03090	6.6379	0.8	A
9013	53429.67	17 26S	66 11W	103.3	186.7	2.733	23.45	51.0	SO312	.03090	6.9677	1.0	F
9014	53433.47	17 24S	66 9W	102.9	186.7	2.511	24.85	51.0	SO312	.03090	7.0419	0.4	V
9015	53442.67	17 56S	67 4W	91.4	186.8	3.211	-2.45	50.1	SO312	.03090	7.9243	1.0	V
9016	53446.47	17 57S	67 7W	94.8	186.8	3.439	-3.50	50.1	SO312	.03090	7.5367	0.4	A
9017	53452.47	18 54S	66 46W	97.4	186.8	3.211	13.30	49.5	SO312	.03090	7.3800	0.4	F
9018	53455.47	18 51S	66 47W	95.9	186.6	2.872	13.30	49.6	SO312	.03090	7.5542	1.0	V
9019	53462.67	19 19S	67 6W	93.5	186.8	3.090	5.60	49.0	SO312	.03090	7.7428	0.8	V
9020	53468.87	19 29S	67 28W	94.0	186.8	3.439	-5.95	48.7	SO312	.03090	7.5944	1.0	A
9021	53478.27	20 26S	66 50W	101.6	186.9	2.872	20.30	48.3	SO312	.03090	7.1244	0.8	V
9022	53485.27	21 8S	67 10W	98.9	186.9	2.872	14.00	47.6	SO312	.03090	7.2646	1.0	F
9023	53495.27	21 12S	68 19W	101.2	186.9	3.439	-23.10	46.9	SO312	.02200	7.0667	0.8	A
9024	53504.27	22 18S	68 53W	111.1	186.9	3.211	-32.90	45.7	SO312	.03090	6.4235	0.6	F
9025	53506.87	22 20S	68 54W	111.1	186.9	3.211	-32.55	45.6	SO312	.02200	6.4235	0.8	F
9026	53510.27	22 26S	68 56W	110.5	187.0	3.211	-32.90	45.6	SO312	.03090	6.5554	1.2	V
9027	53539.67	24 11S	69 4W	106.8	187.1	3.439	-26.60	44.2	SO312	.02200	6.6956	1.0	A
9028	53542.67	26 16S	69 46W	116.1	187.2	3.090	-33.25	42.2	SO312	.02200	6.1266	1.4	F
9029	53567.07	26 17S	69 42W	112.9	187.2	3.090	-31.50	42.2	SO312	.02200	6.3905	1.2	V
9030	53617.67	30 12S	68 43W	110.6	187.4	2.511	18.55	39.5	SO312	.03090	6.4730	1.2	F
9031	53626.87	30 14S	69 12W	104.8	187.5	2.872	6.65	39.3	SO312	.03090	6.7698	1.2	A
9032	53644.37	31 30S	68 39W	120.8	187.6	2.033	27.30	38.5	SO312	.03090	5.8463	0.8	A
9033	53658.27	32 39S	69 22W	109.9	187.6	2.511	15.05	37.2	SO312	.03090	6.5472	0.8	V
9034	53667.47	33 26S	70 32W	107.6	187.7	3.090	-12.25	36.0	SO312	.03090	6.6141	0.6	F
9035	53671.47	33 26S	70 32W	106.5	187.7	3.090	-11.90	36.0	SO312	.03090	6.7533	0.4	V
9036	53679.27	33 39S	70 56W	112.0	187.8	3.211	-20.30	35.7	SO312	.03090	6.3410	0.4	A
9037	53694.67	35 27S	69 34W	119.8	187.8	2.385	23.80	34.8	SO312	.03090	5.9535	0.6	F
9038	53703.47	35 27S	69 34W	121.3	187.9	2.033	24.85	34.8	SO312	.03090	5.8133	0.6	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
177 5001	58071.87	28 26N	80 34W	75.7	187.3	3.090	7.00	68.2	S0255	.02260	9.5806	0.8	F
5002	58077.27	28 26N	80 34W	76.0	187.3	3.090	7.70	68.2	S0255	.02260	9.5064	0.8	A
9001	56693.67	56 0N	94 31E	135.5	348.5	-1.685	-38.85	-15.6	S0312	.29770	5.3268	0.8	V
9002	56701.87	56 10N	93 37E	120.7	348.4	-1.685	-29.40	-15.2	S0312	.29770	5.9040	0.6	A
9003	58071.87	28 26N	80 34W	75.7	187.3	3.090	7.00	68.2	S0312	.03090	9.5817	0.6	F
9004	58077.27	28 26N	80 34W	76.0	187.3	3.090	7.70	68.2	S0312	.03090	9.5075	0.6	A
9005	58105.87	26 0N	80 6W	98.1	187.2	2.170	38.50	69.9	S0312	.02200	7.4707	2.8	V
9006	58149.67	23 10N	82 20W	79.8	187.0	3.090	-22.05	69.6	S0312	.04090	9.0340	1.0	F
9007	58154.47	23 1N	82 14W	76.5	187.0	3.090	-16.10	69.8	S0312	.03090	9.5735	0.4	V
9008	58157.27	23 1N	82 14W	77.4	187.0	3.090	-15.75	69.8	S0312	.03090	9.3673	0.4	A
9009	58158.67	22 56N	82 15W	77.3	187.0	3.090	-15.75	69.8	S0312	.03090	9.3756	0.4	A
9010	58161.47	22 54N	82 17W	77.4	187.0	3.090	-15.75	69.9	S0312	.03090	9.3591	1.4	A
9011	58172.87	21 59N	81 32W	82.7	186.9	2.872	22.40	71.0	S0312	.04090	8.8478	0.8	V
9012	58174.07	21 58N	81 34W	83.3	186.9	2.872	21.70	70.9	S0312	.04090	8.6499	0.4	A
9013	58269.67	15 17N	83 47W	81.1	186.7	3.439	-20.65	70.3	S0312	.03090	8.9303	0.8	A
9014	58280.47	14 9N	83 23W	78.2	186.6	3.439	4.20	70.7	S0312	.03090	9.2601	1.2	F
9015	58311.27	12 13N	84 14W	79.6	186.6	3.439	-17.15	69.8	S0312	.04090	9.1777	1.0	V
178 5001	63302.87	33 41N	101 49W	73.6	187.7	3.090	-3.50	65.1	S0255	.02260	9.8279	0.8	F
5002	63308.27	33 41N	101 49W	73.9	187.7	3.090	-2.45	65.1	S0255	.02260	9.8279	0.6	A
5003	63454.27	23 19N	105 4W	97.8	187.0	2.511	-41.65	69.1	S0255	.01710	7.4121	1.0	F
5004	63464.47	23 9N	104 53W	89.3	187.0	2.872	-34.65	69.4	S0255	.02260	8.2284	0.8	A
9001	63302.87	33 41N	101 49W	73.7	187.7	3.090	-3.50	65.1	S0312	.03090	9.8291	0.6	F
9002	63308.27	33 41N	101 49W	73.7	187.7	3.090	-2.45	65.1	S0312	.03090	9.8291	0.6	A
9003	63443.47	24 0N	104 39W	88.6	187.0	2.733	-34.30	69.1	S0312	.03090	8.1304	0.6	F
9004	63446.67	24 0N	104 39W	87.3	187.0	2.733	-33.95	69.1	S0312	.03090	8.3660	0.6	V
9005	63474.67	22 56N	104 14W	74.6	186.9	3.211	-5.25	70.2	S0312	.03090	9.7054	0.8	A
179 9001	68532.47	38 41N	121 20W	99.4	188.3	2.385	38.85	62.3	S0312	.02200	7.3223	3.0	F
182 9001	84039.26	67 56N	178 38W	92.6	197.1	0.986	-32.20	36.3	S0312	.02200	7.8748	0.6	V
184 5001	8638.65	41 56N	128 24E	85.1	188.6	2.385	27.65	59.7	S0255	.01710	8.4922	0.6	A
9001	8582.65	45 30N	127 23E	87.5	189.2	2.033	-33.60	56.1	S0312	.03090	8.2576	0.4	F
9002	8585.85	45 30N	127 20E	87.5	189.2	2.033	-34.65	56.0	S0312	.02200	6.3695	0.4	V
9003	8595.05	45 0N	128 11E	74.2	189.1	2.511	-5.95	56.8	S0312	.03090	9.7714	0.4	A
9004	8601.05	44 40N	127 31E	80.0	189.0	2.385	-23.80	56.9	S0312	.03090	9.0787	0.4	A
9005	8688.85	38 14N	126 38E	73.9	188.2	2.872	1.05	62.2	S0312	.03090	9.7961	0.6	F
9006	8694.05	38 14N	126 39E	74.1	188.2	2.872	2.10	62.2	S0312	.03090	9.7796	0.6	A
9007	8710.45	36 42N	126 11E	74.0	188.0	2.872	-2.45	63.2	S0312	.03090	9.7879	0.8	F
9008	8715.65	36 36N	126 11E	74.0	188.0	2.872	-1.75	63.2	S0312	.03090	9.7879	0.8	A
185 9001	13485.65	72 37N	122 8E	81.5	202.1	0.986	-4.90	31.9	S0312	.03090	8.8313	0.6	F
9002	13488.65	72 36N	122 8E	80.5	201.8	0.986	-4.55	31.9	S0312	.03090	9.0705	0.6	V
9003	13648.85	61 49N	113 9E	78.2	193.8	1.687	3.85	42.2	S0312	.03090	9.2436	1.0	F
9004	13654.45	61 49N	113 9E	78.1	193.6	1.687	4.20	42.2	S0312	.03090	9.2684	1.0	A
9005	13685.65	59 49N	112 41E	82.7	192.7	1.687	19.60	44.3	S0312	.02200	8.7406	0.4	A
9006	13740.25	55 51N	110 6E	75.4	191.5	2.038	2.10	47.6	S0312	.03090	9.7136	0.6	V
9007	13746.65	55 41N	109 22E	77.5	191.3	2.033	-14.00	47.7	S0312	.03090	9.3508	0.8	A
9008	13761.25	54 28N	110 18E	82.3	191.1	2.033	22.05	49.1	S0312	.02200	8.8973	0.6	V
9009	13775.05	53 37N	109 54E	81.7	190.8	2.033	20.30	49.8	S0312	.03090	8.8478	0.4	A
9010	13796.45	51 56N	107 59E	77.0	190.5	2.170	-14.35	51.0	S0312	.03090	9.3756	0.8	F
9011	13799.45	51 54N	107 58E	75.9	190.4	2.170	-14.00	51.0	S0312	.03090	9.6394	0.6	V
9012	13804.45	51 49N	107 50E	77.4	190.3	2.170	-16.10	51.1	S0312	.03090	9.3673	0.8	A
9013	13816.85	50 54N	108 47E	80.2	190.1	2.170	21.00	52.4	S0312	.02200	9.1447	0.4	V
9014	13822.25	50 24N	108 46E	82.2	190.1	2.170	22.40	52.6	S0312	.02200	8.7983	0.8	A
9015	13855.65	47 49N	107 11E	74.3	189.6	2.511	1.75	54.6	S0312	.03090	9.7549	0.4	F
9016	13858.25	47 49N	107 11E	73.4	189.6	2.511	2.10	54.6	S0312	.03090	9.9658	0.4	V
9017	13863.85	47 44N	107 27E	76.4	189.5	2.385	14.35	55.1	S0312	.03090	9.5900	0.6	V
9018	13866.65	47 42N	107 27E	77.4	189.5	2.385	14.70	55.1	S0312	.03090	9.3426	0.6	A
9019	13960.65	41 0N	105 10E	73.6	188.5	2.733	-0.35	60.1	S0312	.04090	9.8456	0.4	A
9020	13977.05	39 54N	105 45E	85.9	188.4	2.170	28.70	61.3	S0312	.03090	8.4108	0.4	A
9021	14005.25	37 34N	104 26E	73.6	188.1	2.872	3.15	62.7	S0312	.03090	9.8538	0.6	F
9022	14016.85	36 43N	104 35E	77.3	188.0	2.733	15.75	63.4	S0312	.03090	9.3920	0.4	F
9023	14019.65	36 43N	104 35E	76.6	188.0	2.733	16.10	63.4	S0312	.03090	9.5735	0.4	V
9024	14027.45	36 0N	103 59E	73.2	188.0	2.872	0.00	63.7	S0312	.03090	9.9033	1.2	F
9025	14030.85	35 60N	103 58E	72.4	187.9	2.872	0.35	63.7	S0312	.04090	10.1259	0.6	V
9026	14036.85	35 54N	104 14E	75.6	187.9	2.733	12.95	64.1	S0312	.03090	9.5570	0.6	A
9027	14042.05	35 49N	103 59E	73.9	187.9	2.872	6.65	64.2	S0312	.03090	9.7961	0.4	A
9028	14141.25	28 14N	102 8E	73.7	187.3	3.090	-6.30	66.2	S0312	.03090	9.8291	0.8	F
9029	14146.65	28 14N	102 7E	73.7	187.3	3.090	-5.60	66.2	S0312	.03090	9.8291	0.8	A
9030	14225.65	22 43N	101 54E	87.2	187.0	2.511	28.35	70.9	S0312	.03090	8.2706	0.6	A
186 9001	19445.65	28 27N	79 27E	83.1	187.3	2.733	-28.70	67.6	S0312	.02200	8.6746	1.0	F
9002	19475.85	26 26N	80 24E	82.5	187.2	2.733	23.45	69.6	S0312	.03090	8.6726	0.6	V
9003	19478.85	26 26N	80 24E	83.8	187.2	2.733	23.80	69.6	S0312	.03090	8.5922	0.6	A
9004	19501.85	24 51N	79 56E	80.7	187.1	2.872	18.55	70.1	S0312	.03090	8.9385	1.0	A
9005	19513.25	23 47N	78 50E	77.7	187.0	3.211	-18.20	69.7	S0312	.03090	9.3013	0.8	F
9006	19554.05	21 16N	79 12E	80.7	186.9	2.872	17.15	71.0	S0312	.03090	8.9385	0.6	A

Handle via
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4354 COMMAND ANFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
186 9007	19562.85	20 44N	78 23E	77.0	186.9	3.439	-12.60	70.5	S0312	.0309U	9.4003	1.0	A
9008	19602.65	17 30N	78 32E	81.9	186.7	3.090	17.85	71.4	S0312	.0309U	8.8643	1.0	F
9009	19604.85	17 21N	78 30E	81.9	186.7	3.090	17.85	71.4	S0312	.0309U	8.8726	0.6	F
9010	19608.65	17 30N	78 32E	82.5	186.7	2.872	18.90	71.4	S0312	.0309U	8.7324	0.8	A
9011	19610.85	17 21N	78 30E	82.5	186.7	2.872	18.90	71.4	S0312	.0309U	8.7324	0.6	A
9012	19668.25	12 59N	77 41E	82.4	186.8	3.211	16.45	70.8	S0312	.0309U	8.8066	0.8	F
9013	19686.05	12 16N	76 40E	81.4	186.8	3.439	-19.60	69.8	S0312	.0309U	8.8808	0.8	A
187 5001	24496.44	45 00N	63 40E	93.8	189.3	2.033	35.70	56.5	S0255	.0226U	7.8162	1.0	V
9001	24210.64	65 30N	72 43E	88.7	195.6	1.332	25.90	38.9	S0312	.0220U	8.1469	0.6	A
9002	24225.64	64 42N	69 34E	80.2	195.0	1.332	-13.65	39.8	S0312	.0309U	8.9880	1.2	F
9003	24269.04	61 44N	67 6E	87.4	193.6	1.332	-29.75	42.1	S0312	.0220U	8.3613	0.4	V
9004	24272.24	61 44N	67 5E	88.4	193.5	1.332	-29.75	42.1	S0312	.0220U	8.1964	0.4	A
9005	24356.84	55 29N	65 21E	76.5	191.4	2.033	-7.70	47.9	S0312	.0409U	9.4415	0.6	F
9006	24359.64	55 29N	65 21E	75.6	191.4	2.033	-7.70	47.9	S0312	.0409U	9.6889	0.6	V
9007	24362.64	55 29N	65 19E	76.5	191.5	2.033	-8.05	47.9	S0312	.0409U	9.4745	1.0	A
9008	24390.04	53 18N	63 35E	86.0	190.6	1.687	-29.75	49.7	S0312	.0309U	8.3778	2.6	F
9009	24397.44	53 16N	63 35E	85.0	190.7	1.810	-28.70	49.8	S0312	.0309U	8.5345	1.6	A
9010	24410.04	51 51N	64 14E	75.4	190.5	2.170	-0.70	51.2	S0312	.0409U	9.5900	0.8	F
9011	24415.44	51 51N	64 13E	75.3	190.4	2.170	-0.35	51.2	S0312	.0409U	9.6147	0.8	A
9012	24501.84	45 39N	63 20E	88.0	189.2	2.170	30.80	56.8	S0312	.0220U	8.3366	0.4	V
9013	24505.04	45 39N	63 20E	89.4	189.2	2.170	31.15	56.8	S0312	.0220U	8.0809	0.4	A
9014	24560.44	41 37N	60 39E	76.6	188.6	2.511	-16.45	59.4	S0312	.0309U	9.4333	1.0	F
9015	24612.64	38 26N	59 50E	76.5	188.2	2.733	-16.80	61.8	S0312	.0309U	9.4910	0.4	A
9016	24623.84	37 18N	58 49E	92.4	188.1	2.170	-39.20	62.2	S0312	.0168U	7.8088	0.8	F
9017	24630.44	37 16N	58 50E	91.4	188.0	2.385	-38.50	62.2	S0312	.0168U	7.9572	0.8	A
9018	24686.64	32 56N	59 14E	75.3	187.7	3.090	6.65	65.9	S0312	.0309U	9.6412	0.6	F
9019	24692.04	32 54N	59 14E	75.6	187.6	2.872	7.70	65.9	S0312	.0309U	9.5735	0.6	A
9020	24741.64	29 6N	58 21E	74.6	187.4	3.090	4.20	68.0	S0312	.0309U	9.7249	0.8	F
9021	24750.24	28 46N	57 41E	76.5	187.3	3.090	-19.25	67.7	S0312	.0309U	9.5817	0.8	V
9022	24774.44	27 7N	57 5E	82.2	187.2	2.872	-28.35	68.3	S0312	.0309U	8.9220	0.8	V
9023	24827.04	23 17N	56 34E	79.2	187.0	3.090	-21.00	69.8	S0312	.0309U	9.1199	0.6	F
9024	24838.44	22 28N	56 46E	75.6	187.0	3.211	-6.30	70.3	S0312	.0309U	9.5652	0.8	F
9025	24845.44	22 25N	56 30E	77.5	186.9	3.211	-15.75	70.1	S0312	.0309U	9.3343	1.0	A
9026	24850.84	22 1N	56 26E	77.6	186.9	3.211	-15.40	70.2	S0312	.0309U	9.3343	0.8	A
9027	24855.24	21 20N	56 15E	78.7	186.9	3.211	-16.55	70.2	S0312	.0309U	9.1694	0.6	F
9028	24865.84	20 55N	56 51E	78.0	186.9	3.090	10.15	70.9	S0312	.0309U	9.2456	0.8	A
9029	24880.44	19 33N	56 22E	76.3	186.8	3.211	-0.35	70.9	S0312	.0309U	9.4992	0.8	F
9030	24884.84	19 25N	56 24E	75.8	186.8	3.211	3.15	71.0	S0312	.0309U	9.6559	0.8	V
9031	24892.04	19 8N	56 9E	76.4	186.8	3.439	-5.60	70.8	S0312	.0309U	9.4580	1.0	A
9032	24899.24	18 41N	55 49E	78.3	186.8	3.439	-15.75	70.6	S0312	.0309U	9.2436	1.0	A
9033	24905.64	18 15N	55 40E	79.3	186.8	3.439	-18.20	70.6	S0312	.0309U	9.1364	1.0	A
9034	25435.24	18 8S	49 26E	96.0	186.8	3.439	-9.10	49.7	S0312	.0409U	7.4460	0.8	A
9035	25472.64	20 36S	48 31E	103.4	186.9	3.439	-22.75	47.3	S0312	.0309U	6.9182	1.0	A
9036	25481.04	21 10S	48 22E	104.9	186.9	3.439	-24.15	46.8	S0312	.0309U	6.8193	1.0	A
9037	25487.04	22 6S	48 2E	109.0	186.9	3.211	-28.70	45.9	S0312	.0309U	6.5307	1.0	F
9038	25495.44	22 7S	48 1E	109.1	187.0	3.439	-28.35	45.8	S0312	.0309U	6.5554	0.6	A
9039	25505.04	22 46S	47 50E	111.0	187.0	3.439	-29.75	45.2	S0312	.0309U	6.4482	1.0	A
188 5001	29649.04	56 24N	43 53E	76.2	191.7	2.033	-1.40	47.2	S0255	.0415U	9.4981	0.8	F
5002	29656.24	56 18N	43 39E	78.3	191.5	2.033	-5.60	47.2	S0255	.0315U	9.5064	1.0	A
5003	29664.04	55 29N	42 19E	85.5	191.4	1.687	-28.70	47.8	S0255	.0315U	8.4263	1.0	F
5004	29673.04	54 57N	43 20E	75.1	191.2	2.033	0.35	48.5	S0255	.0315U	9.7537	1.0	V
9001	29431.64	70 36N	53 47E	80.4	200.1	1.113	-2.80	33.7	S0312	.0309U	8.9715	1.0	F
9002	29437.44	70 36N	53 47E	80.2	199.7	1.113	-2.45	33.7	S0312	.0309U	9.0127	1.0	A
9003	29639.64	57 6N	45 10E	82.0	191.9	1.810	21.00	46.7	S0312	.0409U	8.9385	0.4	V
9004	29673.04	54 57N	43 20E	75.0	191.2	2.033	0.35	48.5	S0312	.0409U	9.7549	1.2	V
9005	29676.44	54 54N	43 19E	75.9	191.1	2.033	0.70	48.5	S0312	.0409U	9.5405	0.6	A
9006	29693.24	53 29N	41 45E	82.6	190.8	1.810	-25.20	49.6	S0312	.0409U	8.7241	1.0	F
9007	29699.24	53 28N	41 45E	82.1	190.7	2.033	-24.85	49.6	S0312	.0409U	8.8313	1.0	A
9008	29704.04	52 45N	41 28E	82.9	190.7	1.810	-25.90	50.2	S0312	.0409U	8.6829	0.6	F
9009	29707.44	52 30N	41 28E	81.5	190.6	1.810	-23.80	50.4	S0312	.0409U	8.8313	0.6	F
9010	29710.44	52 30N	41 29E	80.2	190.5	2.033	-23.45	50.4	S0312	.0409U	9.1282	0.6	V
9011	29713.24	52 31N	41 29E	80.9	190.5	2.033	-23.10	50.4	S0312	.0409U	8.9633	1.0	A
9012	29722.04	51 26N	41 58E	75.3	190.4	2.170	-1.05	51.6	S0312	.0409U	9.6147	1.4	F
9013	29727.44	51 26N	41 58E	75.2	190.3	2.170	-0.35	51.6	S0312	.0409U	9.6312	1.4	A
9014	29733.24	50 49N	42 4E	75.5	190.2	2.170	8.05	52.2	S0312	.0409U	9.7054	0.6	V
9015	29736.24	50 49N	42 1E	76.2	190.1	2.170	7.35	52.2	S0312	.0409U	9.4992	0.6	A
9016	29740.04	50 23N	41 46E	74.6	190.1	2.385	3.85	52.5	S0312	.0409U	9.8126	0.6	V
9017	29759.24	48 58N	40 18E	81.2	189.8	2.033	-24.50	53.4	S0312	.0309U	8.8808	0.6	F
9018	29762.04	48 59N	40 18E	80.0	189.8	2.033	-24.15	53.4	S0312	.0409U	9.1529	0.6	V
9019	29768.24	48 21N	40 13E	79.6	189.7	2.170	-21.70	54.0	S0312	.0309U	9.0622	1.0	F
9020	29774.04	48 21N	40 13E	79.2	189.6	2.385	-21.35	54.0	S0312	.0409U	9.1612	0.8	A
9021	29782.44	47 44N	40 18E	76.2	189.5	2.385	-13.65	54.6	S0312	.0409U	9.5157	0.6	A
9022	29815.84	45 7N	38 57E	85.3	189.1	2.033	-30.80	56.5	S0312	.0309U	8.4438	0.8	F
9023	29818.84	45 7N	38 57E	84.0	189.1	2.033	-30.45	56.5	S0312	.0309U	8.7159	1.0	V
9024	29912.04	38 27N	38 6E	73.7	188.2	2.872	-4.90	62.0	S0312	.0220U	9.8126	0.6	F
9025	29917.24	38 28N	38 6E	73.7	188.2	2.872	-4.20	62.0	S0312	.0220U	9.8291	0.6	A
9026	29945.04	36 8N	37 58E	75.9	188.0	2.872	10.15	63.8	S0312	.0220U	9.5570	1.0	F
9027	29950.64	36 8N	37 57E	76.1	187.9	2.733	10.85	63.8	S0312	.0220U	9.4910	0.8	A
9028	29947.84	34 54N	37 39E	76.6	187.8	2.872	12.25	64.9	S0312	.0220U	9.4828	1.0	F
9029	29973.44	34 36N	37 39E	76.9	187.8	2.872	12.95	64.9	S0312	.0220U	9.4085	1.0	A
9030	29982.24	33 59N	36 46E	75.1	187.7	2.872	-13.30	65.1	S0312	.0220U	9.6147	1.4	F
9031	29987.64	33 39N	36 45E	75.0	187.7	3.090	-12.95	65.1	S0312	.0220U	9.6642	1.0	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
188 9032	29997.04	32 55N	35 60E	85.1	187.6	2.511	-32.90	65.2	SO312	.03090	8.6169	0.4	V
9033	30000.04	32 55N	36 0E	85.6	187.6	2.733	-32.55	65.2	SO312	.03090	8.4850	0.6	A
9034	30006.64	32 1ON	36 17E	76.3	187.6	2.872	-18.55	65.9	SO312	.03090	9.5982	0.6	V
9035	30013.04	31 45N	36 0E	79.4	187.6	2.872	-25.55	66.0	SO312	.03090	9.2354	1.0	V
9036	30019.84	31 16N	36 3E	76.7	187.5	2.872	-20.30	66.4	SO312	.03090	9.5405	0.6	V
9037	30023.24	30 50N	35 59E	77.5	187.5	2.872	-19.95	66.6	SO312	.03090	9.3096	0.6	F
9038	30029.64	30 20N	36 10E	74.5	187.5	3.090	-9.80	67.1	SO312	.03090	9.7054	1.0	F
9039	30035.44	30 12N	35 46E	77.8	187.4	2.872	-22.75	66.9	SO312	.03090	9.4250	0.6	V
9040	30041.24	30 2N	35 30E	83.7	187.4	2.872	-30.10	66.9	SO312	.03090	8.6911	0.6	A
9041	30050.24	28 50N	36 10E	74.6	187.4	3.090	2.80	68.0	SO312	.03090	9.7219	1.0	F
9042	30059.64	28 24N	36 38E	82.7	187.3	2.733	24.50	68.7	SO312	.01680	8.8561	0.8	V
9043	30062.64	28 24N	36 37E	83.7	187.3	2.733	24.50	68.7	SO312	.01680	8.6087	0.8	A
9044	30120.24	24 49N	35 13E	75.5	187.1	3.211	1.05	69.9	SO312	.04090	9.5735	0.6	A
9045	30127.04	23 59N	35 30E	80.1	187.0	2.872	16.80	70.3	SO312	.04090	9.0045	1.0	A
9046	30230.64	16 40N	33 25E	77.2	186.7	3.439	-13.65	70.7	SO312	.03090	9.4745	0.6	V
9047	30233.84	16 41N	33 25E	78.0	186.7	3.439	-12.60	70.7	SO312	.03090	9.2766	1.0	A
9048	30247.24	15 58N	32 33E	92.4	186.7	2.872	-36.75	69.9	SO312	.01680	7.9243	1.0	V
9049	30250.64	15 58N	32 34E	92.9	186.7	3.090	-36.40	70.0	SO312	.01680	7.8006	1.0	A
9050	30254.44	13 13N	32 43E	79.8	186.6	3.439	-15.40	70.1	SO312	.01680	9.0540	1.0	A
9051	30337.84	9 56N	31 40E	90.0	186.5	3.439	-31.15	68.6	SO312	.01680	8.0397	1.2	A
9052	30404.44	4 54N	31 36E	81.4	186.5	3.439	-1.05	67.1	SO312	.01680	8.8478	1.0	A
9053	30418.44	3 50N	31 39E	83.1	186.4	3.211	8.05	66.8	SO312	.03090	8.6417	1.0	A
9054	30428.44	3 6N	30 55E	83.0	186.4	3.439	-16.80	65.8	SO312	.03090	8.7818	1.0	V
9055	30446.64	1 43N	31 44E	92.7	186.4	2.872	24.85	65.8	SO312	.03090	7.8583	0.6	V
9056	30450.04	1 43N	31 44E	94.3	186.4	2.872	25.20	65.8	SO312	.03090	7.5944	0.6	A
9057	30640.24	11 38S	27 29E	115.3	186.6	2.872	-40.95	54.5	SO312	.02200	6.1761	0.6	F
9058	30644.44	11 39S	27 30E	113.3	186.6	3.090	-40.60	54.5	SO312	.02200	6.4070	0.8	V
9059	30648.64	11 39S	27 30E	113.8	186.6	3.090	-39.90	54.5	SO312	.02200	6.3245	0.8	A
9060	30660.84	12 55S	28 39E	90.4	186.6	3.211	3.85	54.3	SO312	.03090	8.0232	0.8	V
9061	30664.24	12 56S	28 38E	91.8	186.6	3.211	4.20	54.3	SO312	.03090	7.7841	0.6	A
9062	30693.44	15 24S	28 20E	94.8	186.7	3.211	8.05	52.3	SO312	.03090	7.5779	0.6	F
9063	30696.84	15 24S	28 19E	93.2	186.7	3.211	8.05	52.3	SO312	.03090	7.7758	0.6	V
9064	30700.44	15 24S	28 19E	94.7	186.7	3.211	8.40	52.3	SO312	.03090	7.5567	0.6	A
9065	30829.04	24 46S	27 18E	114.9	187.1	2.511	27.30	44.4	SO312	.03090	6.2503	1.0	F
9066	30835.24	25 9S	26 56E	107.8	187.1	2.733	19.60	43.9	SO312	.03090	6.6461	1.0	F
9067	30843.04	25 34S	26 3E	99.9	187.1	3.211	-4.55	43.2	SO312	.03090	7.1491	1.0	F
9068	30848.44	25 40S	25 53E	99.4	187.1	3.211	-8.40	43.0	SO312	.03090	7.2583	0.8	V
9069	30854.24	25 47S	25 39E	102.7	187.2	3.439	-14.70	42.8	SO312	.03090	6.9547	1.6	A
9070	30861.64	26 0LS	25 19E	104.3	187.2	3.211	-19.95	42.0	SO312	.03090	6.9100	1.0	V
9071	30867.04	26 9S	25 28E	103.3	187.2	3.439	-14.70	42.0	SO312	.03090	6.8935	1.0	A
9072	30882.64	27 9S	26 43E	116.5	187.3	2.170	28.00	41.7	SO312	.03090	5.9617	1.0	A
9073	30898.04	29 7S	25 59E	106.8	187.4	2.733	15.05	40.3	SO312	.03090	6.7368	0.8	V
9074	30902.04	29 7S	25 59E	108.7	187.4	2.511	15.75	40.3	SO312	.03090	6.5142	0.8	A
9075	30917.24	30 2S	24 42E	106.7	187.4	3.211	-15.75	38.9	SO312	.03090	6.6626	1.2	A
9076	30926.44	30 9S	25 3E	103.2	187.5	3.090	-0.70	38.3	SO312	.03090	6.9760	1.0	V
9077	30963.04	33 2S	23 28E	119.2	187.7	3.211	-29.05	35.9	SO312	.03090	5.9617	1.2	A
9078	30975.24	34 4S	24 54E	112.6	187.8	2.511	14.00	35.7	SO312	.43090	6.2668	1.0	A
189 9001	34757.84	69 28N	32 23E	89.6	198.7	1.113	26.95	35.1	SO312	.03090	8.1716	0.6	V
9002	34761.24	69 27N	32 23E	90.9	198.5	1.113	27.30	35.1	SO312	.03090	7.9572	0.6	A
9003	34911.44	59 23N	24 4E	81.0	192.7	1.810	18.20	44.6	SO312	.04090	9.0540	0.6	V
9004	34914.44	59 22N	24 4E	82.0	192.6	1.810	18.55	44.6	SO312	.04090	8.8148	0.6	A
9005	34921.04	58 56N	23 29E	78.7	192.5	1.810	10.85	45.0	SO312	.04090	9.1941	0.4	A
9006	34978.04	54 51N	20 22E	80.1	191.2	1.810	-20.30	48.4	SO312	.04090	8.9962	0.6	F
9007	34980.84	54 52N	20 22E	79.0	191.2	2.033	-20.30	48.4	SO312	.04090	9.2601	0.6	V
9008	34984.64	54 47N	20 13E	79.7	191.1	2.033	-21.70	48.6	SO312	.04090	9.1859	0.4	V
9009	34987.64	54 46N	20 13E	80.4	191.0	2.033	-21.35	48.7	SO312	.04090	9.0127	0.6	A
9010	34993.24	54 3N	20 34E	76.1	190.9	2.170	-8.40	49.1	SO312	.04090	9.5157	0.8	A
9011	35037.44	50 48N	19 6E	77.4	190.2	2.170	-16.10	52.0	SO312	.04090	9.3261	0.4	F
9012	35044.24	50 21N	18 40E	80.7	190.1	2.033	-23.45	52.3	SO312	.04090	8.9385	1.2	F
9013	35050.04	50 21N	18 41E	80.2	190.0	2.170	-22.75	52.3	SO312	.04090	9.0975	0.6	A
9014	35065.24	49 07N	18 10E	85.0	189.9	1.810	-29.75	52.9	SO312	.03090	8.4685	0.6	F
9015	35068.24	49 06N	18 9E	84.0	189.9	2.033	-30.10	52.9	SO312	.03090	8.7076	0.6	V
9016	35067.64	48 40N	19 9E	75.4	189.8	2.385	5.25	54.0	SO312	.04090	9.6064	1.6	F
9017	35073.04	48 40N	19 9E	75.5	189.7	2.385	5.95	54.0	SO312	.04090	9.5900	1.6	A
9018	35080.84	47 47N	18 45E	74.9	189.6	2.511	1.75	54.7	SO312	.02200	9.6642	0.6	F
9019	35083.64	47 46N	18 45E	74.0	189.6	2.511	2.10	54.7	SO312	.02200	9.8951	0.6	V
9020	35090.24	47 11N	18 2E	76.3	189.5	2.385	-14.35	55.1	SO312	.04090	9.4663	1.0	F
9021	35095.24	47 4N	17 44E	78.2	189.4	2.170	-21.70	55.1	SO312	.04090	9.3591	0.4	V
9022	35098.04	47 4N	17 44E	79.0	189.4	2.385	-21.70	55.1	SO312	.03090	9.1859	0.4	A
9023	35106.04	46 4N	18 8E	74.5	189.3	2.511	-1.40	56.1	SO312	.04090	9.7136	0.4	F
9024	35108.64	46 4N	18 8E	73.6	189.3	2.511	-1.05	56.1	SO312	.04090	9.9528	0.6	U
9025	35114.04	45 59N	18 5E	74.7	189.2	2.511	2.45	56.6	SO312	.04090	9.6889	0.6	F
9026	35116.84	45 59N	18 5E	73.9	189.2	2.511	2.80	56.6	SO312	.04090	9.9198	0.4	V
9027	35121.64	45 10N	17 59E	73.9	189.1	2.511	2.80	56.9	SO312	.04090	9.9198	0.4	V
9028	35124.24	44 59N	17 55E	73.8	189.1	2.511	2.45	57.0	SO312	.04090	9.9280	0.4	V
9029	35126.84	45 0N	17 55E	74.7	189.1	2.511	2.45	57.0	SO312	.04090	9.6972	0.4	A
9030	35133.44	44 11N	17 39E	74.2	189.0	2.511	0.70	57.7	SO312	.04090	9.7641	0.6	F
9031	35138.84	44 11N	17 39E	74.3	188.9	2.511	1.75	57.7	SO312	.04090	9.7466	0.6	A
9032	35145.04	43 26N	17 49E	77.4	188.9	2.511	13.65	58.5	SO312	.03090	9.3756	0.8	F
9033	35150.64	43 26N	17 49E	77.7	188.8	2.511	14.35	58.5	SO312	.03090	9.3096	0.8	A
9034	35260.44	35 56N	14 47E	80.8	187.9	2.733	-25.90	63.4	SO312	.04090	8.9797	1.2	A
9035	35302.04	32 40N	14 16E	77.6	187.6	2.872	-19.60	65.6	SO312	.03090	9.2931	0.4	F
9036	35304.84	32 40N	14 17E	76.5	187.6	2.872	-18.90	65.6	SO312	.03090	9.5735	0.4	V
9037	35315.24	31 45N	14 2E	78.3	187.6	2.872	-21.35	66.1	SO312	.03090	9.2106	0.4	F
9038	35318.04	31 45N	14 2E	77.3	187.6	2.872	-21.00	66.1	SO312	.03090	9.4663	0.4	U
9039	35393.04	26 54N	13 10E	75.2	187.2	3.090	-13.65	68.8	SO312	.02200	9.7466	0.4	V

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4354 COMMAND ANFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
189 9040	35395.84	26 34N	13 10E	76.0	187.2	3.090	-13.30	68.8	SO312	.02200	9.5322	0.4	A
9041	35551.84	15 46N	11 33E	77.9	186.7	3.211	4.55	71.0	SO312	.03090	9.2519	1.0	A
190 9001	40580.84	34 15N	6 3W	89.0	187.8	2.511	30.80	65.5	SO312	.01680	8.1799	0.6	F
9002	40595.64	33 37N	7 37W	76.4	187.7	2.872	-19.25	65.1	SO312	.03090	9.5900	0.6	V
9003	40598.44	33 37N	7 37W	77.2	187.7	2.872	-18.90	65.1	SO312	.03090	9.3920	0.6	A
9004	40607.44	32 54N	6 57W	76.7	187.6	2.733	12.95	66.0	SO312	.02200	9.4168	1.2	A
9005	40616.64	32 10N	7 52W	75.5	187.6	2.872	-16.80	66.0	SO312	.02200	9.6972	1.0	V
9006	40621.44	31 59N	8 1W	77.1	187.6	2.872	-18.90	66.2	SO312	.02200	9.3591	1.0	F
9007	40635.04	30 59N	6 55W	86.3	187.5	2.385	28.70	67.4	SO312	.03090	8.3366	1.0	A
9008	40669.84	28 30N	7 27W	86.2	187.3	2.511	27.65	68.7	SO312	.03090	8.3531	1.0	A
9009	40677.24	27 44N	8 10W	75.9	187.3	3.090	7.70	68.7	SO312	.02200	9.5652	1.0	F
9010	40682.64	27 44N	8 9W	76.1	187.3	3.090	8.75	68.7	SO312	.02200	9.4828	1.0	A
9011	40706.64	26 1N	9 33W	84.8	187.1	2.872	-31.85	68.7	SO312	.01680	8.6169	1.2	V
191 9001	46501.03	8 1S	37 19W	90.1	186.5	3.574	-16.45	57.9	SO312	.03090	7.9655	1.0	F
9002	46514.63	9 30S	36 27W	96.0	186.5	2.872	21.70	58.0	SO312	.03090	7.5697	1.0	V
9003	46531.03	10 14S	36 33W	101.7	186.5	2.733	25.55	56.9	SO312	.03090	7.0914	1.0	F
9004	46542.43	10 57S	37 3W	93.4	186.5	3.211	12.60	56.1	SO312	.03090	7.7099	1.0	F
9005	46556.03	11 40S	38 35W	108.7	186.6	3.439	-36.75	54.9	SO312	.02200	6.6131	0.6	A
9006	46570.63	12 46S	38 29W	99.6	186.6	3.439	-26.95	53.9	SO312	.03090	7.1821	0.6	F
9007	46574.23	12 46S	38 30W	98.4	186.6	3.439	-26.60	53.9	SO312	.04090	7.3718	0.6	V
9008	46577.43	12 50S	38 31W	98.0	186.6	3.439	-25.90	53.7	SO312	.03090	7.3965	0.4	V
9009	46580.23	12 56S	38 30W	98.9	186.6	3.439	-25.20	53.8	SO312	.03090	7.2563	1.2	A
9010	46600.03	14 47S	39 2W	105.4	186.6	3.211	-31.50	52.1	SO312	.03090	6.7863	1.0	F
9011	46608.23	14 46S	39 17W	112.4	186.7	3.439	-37.10	52.0	SO312	.02200	6.3905	1.0	A
9012	46616.03	15 30S	38 57W	98.5	186.7	3.439	-23.80	51.5	SO312	.03090	7.3553	0.8	V
9013	46623.43	16 26S	39 5W	100.2	186.7	3.439	-24.15	50.9	SO312	.03090	7.1326	1.0	F
9014	46631.63	16 21S	39 36W	114.1	186.7	3.439	-37.45	50.6	SO312	.02200	6.2916	1.0	A
192 9001	52037.63	24 4S	61 28W	103.5	187.0	2.872	14.00	44.7	SO312	.03090	6.9265	0.8	F
9002	52045.43	24 31S	62 13W	99.6	187.1	3.211	-7.00	44.0	SO312	.03090	7.1739	1.2	F
9003	52056.23	24 30S	61 27W	108.1	187.1	2.511	19.60	44.2	SO312	.03090	6.5554	1.0	A
9004	52068.63	26 11S	61 50W	105.8	187.1	2.872	15.05	42.9	SO312	.03090	6.7698	0.8	F
9005	52079.63	26 34S	62 50W	101.4	187.2	3.211	-12.60	42.1	SO312	.03090	7.1079	1.0	V
9006	52084.83	26 37S	63 9W	106.7	187.2	3.439	-21.00	41.9	SO312	.03090	6.6791	1.0	A
9007	52097.63	27 36S	62 24W	103.9	187.3	2.872	7.35	41.4	SO312	.03090	6.8275	1.2	A
9008	52205.23	35 22S	64 27W	108.0	187.9	2.872	-4.20	34.1	SO312	.03090	6.5884	0.8	F
9009	52212.03	35 55S	64 21W	107.3	187.9	2.733	0.35	34.0	SO312	.04090	6.6956	1.0	V
9010	52216.03	35 52S	64 18W	107.9	187.9	2.733	3.15	33.8	SO312	.04090	6.6544	1.0	V
9011	52222.03	36 26S	63 55W	115.3	188.0	2.511	16.45	33.3	SO312	.03090	6.1844	1.0	F
9012	52226.23	36 33S	64 0W	115.1	188.0	2.511	15.75	33.0	SO312	.03090	6.1926	1.0	F
9013	52231.63	36 39S	64 21W	111.1	188.0	2.511	7.00	33.1	SO312	.03090	6.3575	0.6	A
9014	52236.63	36 60S	64 15W	113.1	188.1	2.511	11.20	32.9	SO312	.03090	6.2421	0.8	A
9015	52242.03	37 40S	64 17W	113.5	188.1	2.385	14.00	32.3	SO312	.03090	6.3245	0.8	V
9016	52247.43	37 45S	64 8W	118.0	188.1	2.170	18.20	32.3	SO312	.03090	5.9782	0.8	A
9017	52271.03	39 14S	65 36W	112.4	188.3	2.872	-8.75	30.5	SO312	.04090	6.2916	1.0	A
9018	52283.03	40 46S	64 58W	117.3	188.4	2.385	14.00	29.4	SO312	.03090	6.0607	1.0	F
9019	52295.63	41 42S	65 21W	115.8	188.5	2.385	10.15	28.6	SO312	.04090	6.1431	1.0	F
9020	52304.23	41 92S	65 19W	117.1	188.6	2.385	11.55	28.6	SO312	.04090	6.0112	1.0	A
9021	52342.83	44 7S	66 9W	117.7	189.0	2.385	8.05	26.1	SO312	.04090	5.9782	1.0	A
193 9001	56687.83	20 54N	76 13W	76.3	186.9	3.211	-10.15	70.6	SO312	.03090	9.4745	0.4	F
9002	56690.43	20 55N	76 13W	75.5	186.9	3.211	-9.80	70.6	SO312	.03090	9.7054	0.4	V
9003	56694.63	20 49N	76 18W	76.8	186.9	3.439	-11.90	70.5	SO312	.03090	9.4333	0.8	A
9004	56705.63	19 60N	75 42W	82.2	186.8	2.872	19.25	71.3	SO312	.03090	8.7654	0.8	A
9005	56731.63	18 5N	76 47W	76.5	186.8	3.211	-11.20	70.8	SO312	.03090	9.5735	0.4	V
9006	56734.43	18 5N	76 48W	77.4	186.7	3.439	-11.20	70.8	SO312	.03090	9.3508	0.4	A
9007	57064.63	4 52S	80 40W	85.4	186.4	3.439	-5.25	60.5	SO312	.03090	8.5262	0.8	V
9008	57068.83	5 10S	80 37W	85.6	186.5	3.439	-0.70	60.4	SO312	.02200	8.5015	1.0	V
9009	57072.03	5 10S	80 37W	86.8	186.5	3.439	-0.35	60.4	SO312	.02200	8.2623	1.0	A
9010	57085.43	6 41S	79 55W	106.6	186.5	2.511	32.20	59.9	SO312	.02200	6.7946	0.6	F
9011	57090.23	6 45S	79 49W	110.1	186.5	2.170	35.70	59.9	SO312	.01680	6.6131	0.8	V
9012	57094.23	6 45S	79 49W	112.2	186.5	2.170	36.05	60.0	SO312	.01680	6.3575	1.0	A
194 9001	61918.02	25 55N	97 30W	76.8	187.1	3.090	-15.75	69.1	SO312	.03090	9.4168	0.6	F
9002	61920.82	25 54N	97 30W	75.8	187.1	3.090	-15.40	69.1	SO312	.03090	9.6642	0.6	V
9003	61940.42	24 23N	97 57W	79.6	187.1	3.090	-22.05	69.5	SO312	.03090	9.0705	1.0	F
9004	61953.22	23 51N	97 46W	75.8	187.0	3.211	-9.45	69.9	SO312	.03090	9.5487	1.2	A
9005	61993.82	20 42N	97 27W	87.6	186.9	2.733	26.95	71.5	SO312	.03090	8.2953	0.6	F
9006	61997.02	20 42N	97 27W	87.0	186.9	2.733	27.30	71.5	SO312	.03090	8.4190	0.6	V
9007	62012.02	19 27N	99 10W	86.0	186.8	2.872	-31.85	70.2	SO312	.03090	8.3695	0.8	F
9008	62015.02	19 28N	99 10W	84.9	186.8	3.090	-31.85	70.2	SO312	.03090	8.6252	0.8	V
9009	62020.82	18 59N	98 55W	78.8	186.8	3.211	-19.25	70.6	SO312	.03090	9.1612	0.4	F
9010	62026.42	18 59N	98 56W	78.7	186.8	3.439	-18.90	70.6	SO312	.03090	9.2106	0.4	A
9011	62039.22	17 59N	99 30W	87.0	186.7	3.090	-31.85	70.3	SO312	.03090	8.2788	0.6	F
9012	62042.42	17 34N	99 30W	85.5	186.7	3.090	-31.15	70.3	SO312	.03090	8.5592	0.6	V
9013	62050.22	16 59N	99 6W	76.8	186.7	3.439	-11.90	70.7	SO312	.03090	9.5322	0.8	V
9014	62053.62	16 44N	99 7W	76.8	186.7	3.439	-11.20	70.7	SO312	.03090	9.5322	0.6	V
9015	62056.42	16 44N	99 7W	77.7	186.7	3.439	-10.85	70.7	SO312	.03090	9.3096	0.6	A
195 9001	67102.22	34 14N	118 11W	80.0	187.8	2.733	-26.25	64.6	SO312	.03090	9.1529	7.4	V

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
196 5001	71015.02	49 56N	36 24E	133.8	350.1	-2.028	-38.50	-21.1	S0255	.29710	5.3921	0.6	V
197 5001	76332.62	51 19N	13 19E	120.6	349.8	-2.167	-30.45	-19.6	S0255	.29710	5.9198	0.6	F
5002	76341.42	51 29N	11 57E	100.9	349.7	-2.167	-7.00	-19.0	S0255	.29710	7.1566	0.4	V
5003	76348.82	51 46N	12 20E	106.7	349.6	-2.028	-17.15	-18.9	S0255	.29710	6.6866	1.0	A
5004	76354.82	52 1ON	12 11E	106.3	349.5	-2.028	-16.80	-18.5	S0255	.29710	6.7196	0.8	A
199 5001	1587.21	57 25N	161 43E	78.1	192.0	1.810	10.50	46.6	S0255	.03150	9.3745	1.2	V
5002	1601.21	56 2ON	160 51E	77.0	191.7	2.033	1.40	47.5	S0255	.02260	9.3909	0.6	F
5003	1604.81	56 17N	160 47E	75.9	191.6	2.033	0.70	47.5	S0255	.02260	9.6465	0.4	V
5004	1607.61	56 17N	160 47E	76.8	191.5	2.033	0.70	47.5	S0255	.02260	9.4487	0.4	A
9001	1576.21	57 26N	162 2E	79.6	192.2	2.033	11.20	46.1	S0312	.03090	9.0869	0.8	F
9002	1582.01	57 57N	162 2E	79.8	192.1	1.810	12.25	46.1	S0312	.03090	9.0705	0.8	A
9003	1587.21	57 25N	161 43E	78.1	192.0	1.810	10.50	46.6	S0312	.04090	9.3756	1.0	V
9004	1591.21	57 9N	161 32E	77.7	191.9	1.810	9.10	46.8	S0312	.03090	9.4333	0.4	V
9005	1594.01	57 9N	161 32E	78.6	191.8	1.810	9.45	46.8	S0312	.03090	9.2024	0.4	A
9006	2873.01	30 49S	143 5E	121.3	187.5	2.170	28.35	38.8	S0312	.02200	5.9470	1.4	V
200 5001	6998.41	50 37N	137 6E	79.6	190.2	2.170	17.50	52.7	S0255	.03150	9.2178	1.4	V
5002	7002.21	50 39N	137 4E	80.5	190.1	2.170	17.50	52.7	S0255	.03150	9.0117	0.4	A
5003	7883.21	10 9S	123 40E	88.6	186.5	3.439	-4.55	56.3	S0255	.01710	8.1954	0.6	V
9001	6991.81	50 55N	136 50E	76.9	190.3	2.385	7.35	52.3	S0312	.02200	9.4168	0.6	F
9002	8133.21	27 9S	119 55E	106.1	187.2	3.211	-20.30	41.3	S0312	.03090	6.8028	0.8	V
9003	8137.21	27 9S	119 56E	107.3	187.2	3.439	-19.95	41.3	S0312	.03090	6.6461	0.6	A
201 5001	12547.80	33 57N	111 2E	98.5	187.8	2.385	38.50	66.0	S0255	.01710	7.3957	0.6	F
5002	12554.80	33 56N	111 3E	100.0	187.7	2.170	39.55	66.0	S0255	.01710	7.2390	0.6	A
9001	12298.81	51 7N	115 11E	80.6	190.3	2.385	17.85	52.2	S0312	.04090	8.9962	1.0	F
9002	12304.80	51 6N	115 12E	81.1	190.2	2.170	19.25	52.3	S0312	.04090	8.9220	0.8	A
9003	12401.00	44 24N	112 26E	73.4	189.0	2.511	1.05	57.7	S0312	.03090	9.9858	0.6	V
9004	12413.00	43 18N	112 49E	81.7	188.9	2.511	22.05	58.8	S0312	.03090	8.8973	0.4	F
9005	12420.00	43 18N	112 4E	74.2	188.8	2.733	-0.70	58.6	S0312	.04090	9.7641	0.4	A
9006	12431.00	42 26N	111 3E	80.1	188.7	2.385	-26.25	58.9	S0312	.03090	9.1364	0.4	V
9007	12437.40	41 5ON	111 33E	73.2	188.6	2.733	-6.65	59.6	S0312	.03090	10.0187	1.0	V
9008	12449.80	40 49N	111 59E	79.0	188.5	2.733	17.85	60.7	S0312	.03090	9.1859	1.4	F
9009	12455.60	40 48N	111 59E	79.4	188.5	2.511	18.90	60.8	S0312	.03090	9.1034	1.4	A
9010	12464.40	39 5ON	111 30E	75.7	188.4	2.733	10.50	61.4	S0312	.03090	9.5817	0.4	F
9011	12470.40	39 24N	111 36E	78.5	188.3	2.733	17.50	61.8	S0312	.03090	9.2436	1.0	F
9012	12474.60	39 7N	111 32E	78.6	188.3	2.733	17.50	62.0	S0312	.03090	9.2436	0.4	F
9013	12477.40	39 7N	111 32E	77.9	188.3	2.511	18.20	62.0	S0312	.03090	9.4168	0.4	V
9014	12483.80	38 43N	110 56E	74.1	188.2	2.733	1.75	62.2	S0312	.03090	9.7796	0.8	F
9015	12489.20	38 32N	110 56E	74.2	188.2	2.872	2.45	62.2	S0312	.03090	9.7631	0.8	A
9016	12499.40	37 5ON	110 5E	78.3	188.1	2.733	-22.05	62.4	S0312	.03090	9.2684	0.6	A
9017	12506.80	37 2N	109 50E	79.4	188.1	2.511	-23.80	62.9	S0312	.03090	9.1034	0.6	F
9018	12512.20	36 4ON	109 33E	83.5	188.0	2.511	-30.10	63.1	S0312	.03090	8.6417	0.4	F
9019	12515.80	36 36N	109 30E	83.2	188.0	2.511	-31.15	63.1	S0312	.03090	8.8148	0.6	V
9020	12519.20	36 37N	109 27E	84.9	188.0	2.511	-31.85	63.1	S0312	.03090	8.5757	0.4	A
9021	12521.40	36 27N	109 25E	84.7	188.0	2.511	-31.85	63.2	S0312	.03090	8.5922	0.6	A
9022	12524.20	36 3N	109 21E	83.9	187.9	2.511	-31.85	63.5	S0312	.03090	8.7489	0.6	V
9023	12530.40	35 48N	109 31E	79.7	187.9	2.733	-24.85	63.8	S0312	.03090	9.1034	0.4	A
9024	12534.80	35 3N	109 33E	76.9	187.9	2.733	-18.90	64.3	S0312	.03090	9.3920	0.6	F
9025	12571.60	32 45N	109 0E	76.7	187.6	2.872	-19.95	65.8	S0312	.03090	9.5570	1.2	V
9026	12577.60	32 29N	109 14E	74.2	187.6	3.090	-8.75	66.1	S0312	.03090	9.7631	0.4	A
9027	1260A.20	30 19N	109 29E	80.1	187.4	2.733	18.90	67.8	S0312	.02200	9.0045	0.8	A
9028	12653.40	27 2N	108 34E	75.3	187.2	3.090	9.45	69.2	S0312	.03090	9.7301	0.4	V
9029	12662.80	26 17N	107 32E	80.8	187.2	2.872	-25.20	68.9	S0312	.03090	8.9220	0.4	F
9030	12665.80	26 17N	107 32E	79.8	187.2	3.090	-25.20	68.9	S0312	.03090	9.1777	0.4	V
9031	12671.20	25 56N	107 39E	75.9	187.1	3.090	-17.85	69.2	S0312	.03090	9.6477	0.4	V
202 5001	17533.40	56 24N	93 42E	79.8	191.7	1.810	-17.50	47.3	S0255	.02260	9.0364	1.0	F
5002	17541.40	56 9N	94 30E	77.3	191.5	2.033	4.90	47.7	S0255	.02260	9.3662	1.0	A
9001	17541.40	56 9N	94 30E	77.3	191.5	2.033	4.90	47.7	S0312	.03090	9.3673	0.8	A
9002	17614.00	51 20N	91 37E	80.4	190.2	2.170	-22.40	51.7	S0312	.02200	9.0127	0.6	A
9003	17752.20	41 29N	88 46E	79.6	188.6	2.385	-24.15	59.7	S0312	.03090	9.0540	0.4	F
9004	17760.80	40 49N	89 24E	74.3	188.5	2.733	2.45	60.6	S0312	.03090	9.7466	0.8	F
9005	17766.20	40 49N	89 24E	74.4	188.5	2.733	3.50	60.6	S0312	.03090	9.7301	0.8	A
9006	18030.80	22 17N	84 49E	78.7	187.0	3.211	-18.90	70.2	S0312	.02200	9.1777	0.6	F
9007	18036.80	22 15N	84 52E	77.7	186.9	3.211	-15.75	70.3	S0312	.03090	9.3261	0.4	A
9008	18052.20	20 56N	85 11E	76.3	186.9	3.211	7.00	71.0	S0312	.03090	9.5900	0.6	V
9009	18055.00	20 56N	85 11E	77.4	186.9	3.211	7.35	71.0	S0312	.03090	9.3343	0.6	A
203 5001	23192.60	32 29N	64 45E	77.0	187.6	2.872	-18.55	66.0	S0255	.02260	9.3827	1.0	F
5002	23198.20	32 17N	64 47E	75.3	187.6	2.872	-15.40	66.2	S0255	.02260	9.7290	0.8	V
5003	23203.80	32 5N	64 48E	75.3	187.6	3.090	-12.60	66.3	S0255	.02260	9.6383	0.8	A
5004	23211.20	31 49N	64 18E	80.2	187.5	2.733	-25.90	66.5	S0255	.02260	9.1354	0.6	V
5005	23214.00	31 48N	64 18E	81.0	187.5	2.733	-25.55	66.5	S0255	.02260	8.9787	0.8	A
9001	22648.00	69 15N	81 30E	83.1	198.6	1.332	12.25	35.6	S0312	.03090	8.6911	1.0	F

Handle via
BYEMAN Channels
BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
203 9002	22654.00	69 15N	81 29E	83.0	198.3	1.332	12.60	35.6	S0312	.03090	8.6994	1.0	A
9003	22900.60	52 40N	70 23E	76.0	190.6	2.170	-11.55	50.7	S0312	.03090	9.6312	0.6	V
9004	22983.00	47 10N	69 10E	75.9	189.4	2.385	6.65	55.5	S0312	.03090	9.5405	0.6	A
9005	22999.20	45 46N	67 50E	79.7	189.2	2.170	-22.05	56.4	S0312	.03090	9.0457	0.8	F
9006	23004.80	45 47N	67 50E	79.4	189.2	2.385	-21.70	56.4	S0312	.03090	9.1447	1.0	A
9007	23042.00	42 48N	67 27E	75.2	188.3	2.511	-9.45	58.9	S0312	.03090	9.6064	1.0	F
9008	23047.40	42 48N	67 26E	75.1	188.7	2.733	-9.10	58.9	S0312	.03090	9.6477	1.0	A
9009	23078.00	40 17N	67 20E	75.1	188.4	2.733	9.10	61.1	S0312	.03090	9.6559	0.4	F
9010	23088.20	39 52N	66 15E	78.9	188.4	2.511	-23.80	61.0	S0312	.03090	9.2931	0.4	V
9011	23091.00	39 52N	66 15E	79.5	188.3	2.733	-23.45	61.0	S0312	.03090	9.1282	0.4	A
9012	23103.20	38 51N	65 55E	80.4	188.2	2.511	-26.25	61.7	S0312	.02200	9.1282	0.6	V
9013	23106.00	38 51N	65 56E	80.9	188.2	2.733	-25.90	61.7	S0312	.02200	8.9633	0.6	A
9014	23120.60	37 14N	67 17E	89.3	188.1	2.511	30.80	63.6	S0312	.02200	8.1634	0.6	F
9015	23123.80	37 14N	67 17E	89.0	188.1	2.511	31.50	63.6	S0312	.02200	8.2541	0.4	V
9016	23129.20	36 41N	66 59E	85.6	188.0	2.511	26.95	64.0	S0312	.02200	8.5015	0.6	F
9017	23132.20	36 41N	66 59E	84.9	188.0	2.511	27.30	64.0	S0312	.02200	8.6417	0.6	V
9018	23135.60	36 39N	67 3E	87.6	188.0	2.511	29.40	64.0	S0312	.03090	8.2459	0.6	A
9019	23247.60	28 47N	64 54E	78.6	187.3	2.872	18.20	68.6	S0312	.02200	9.3343	0.4	V
9020	23250.40	28 47N	64 54E	79.7	187.3	2.872	18.55	68.6	S0312	.02200	9.0622	0.4	A
9021	23285.60	26 10N	63 9E	83.3	187.2	2.872	-29.75	68.8	S0312	.03090	8.7818	1.2	V
9022	23289.80	26 1N	63 3E	84.7	187.1	2.872	-31.15	68.8	S0312	.03090	8.6334	1.0	V
204 5001	28120.60	58 59N	50 1E	84.5	192.4	1.475	-25.20	45.4	S0255	.03150	8.5170	0.6	F
5002	28123.60	58 59N	49 60E	83.6	192.3	1.687	-25.55	45.4	S0255	.03150	8.7396	0.6	V
5003	28126.60	58 59N	50 0E	84.4	192.2	1.687	-25.20	45.4	S0255	.03150	8.5994	0.6	A
5004	28159.80	55 56N	48 51E	84.7	191.5	1.687	-26.60	47.7	S0255	.03150	8.5087	0.6	F
5005	28165.80	55 56N	48 52E	84.1	191.4	1.810	-25.90	47.7	S0255	.03150	8.6242	0.6	A
5006	28191.40	53 54N	49 53E	82.7	190.9	2.170	20.65	50.2	S0255	.03150	8.7808	0.8	F
5007	28198.00	53 54N	49 6E	75.6	190.8	2.170	3.50	50.2	S0255	.03150	9.6878	0.6	V
5008	28205.20	53 2N	49 42E	83.7	190.7	2.033	22.40	50.7	S0255	.02260	8.6489	1.0	A
5009	28271.00	48 21N	46 13E	84.2	189.7	2.033	-28.35	54.2	S0255	.02260	8.5300	1.0	F
9001	28120.60	58 59N	50 1E	84.6	192.4	1.475	-25.20	45.4	S0312	.04090	8.5180	0.4	F
9002	28123.60	58 59N	49 60E	83.6	192.3	1.687	-25.55	45.4	S0312	.04090	8.7406	0.6	V
9003	28214.60	52 4N	48 50E	77.5	190.5	2.385	9.10	51.4	S0312	.04090	9.5426	0.6	F
9004	28221.00	51 59N	48 34E	75.5	190.4	2.170	4.90	51.6	S0312	.04090	9.7054	0.6	V
9005	28223.80	51 59N	48 34E	76.4	190.4	2.170	5.25	51.6	S0312	.04090	9.4745	0.6	A
9006	28238.40	50 6N	46 58E	85.3	190.1	2.033	-29.40	52.0	S0312	.03090	8.4932	0.6	A
9007	28245.20	50 6N	46 55E	81.7	190.0	2.033	-24.15	52.8	S0312	.03090	8.8261	0.8	F
9008	28251.00	50 6N	46 54E	81.5	190.0	2.170	-24.15	52.8	S0312	.03090	8.9055	1.0	A
9009	28264.60	48 47N	46 19E	84.8	189.8	2.033	-29.05	53.9	S0312	.03090	8.4850	0.4	F
9010	28267.60	48 47N	46 18E	83.8	189.7	2.033	-29.05	53.9	S0312	.03090	8.7241	0.4	V
9011	28270.40	48 26N	46 14E	84.2	189.7	2.033	-28.35	54.2	SD312	.03090	8.5510	1.6	F
9012	28276.40	48 26N	46 13E	83.8	189.6	2.170	-28.00	54.2	S0312	.03090	8.6746	1.6	A
9013	28366.60	41 44N	45 10E	74.3	188.6	2.733	-5.25	59.8	S0312	.02200	9.7384	0.6	F
9014	28372.00	41 44N	45 10E	74.2	188.6	2.733	-4.55	59.8	S0312	.02200	9.7549	0.6	A
9015	28380.20	40 51N	44 29E	77.8	188.5	2.511	-20.65	60.3	S0312	.03090	9.2766	0.6	F
9016	28383.00	40 51N	44 29E	76.7	188.5	2.511	-20.30	60.3	S0312	.03090	9.5405	0.6	V
9017	28387.60	40 19N	44 37E	74.8	188.4	2.733	-11.90	60.8	S0312	.03090	9.6724	0.6	F
9018	28393.00	40 19N	44 38E	74.5	188.4	2.733	-10.85	60.8	S0312	.03090	9.7219	0.6	A
9019	28445.80	36 21N	43 9E	83.1	188.0	2.511	-28.70	63.4	S0312	.02200	8.6664	1.0	F
9020	28450.80	36 1N	42 51E	88.8	188.0	2.511	-35.35	63.5	S0312	.03090	8.0974	0.4	F
9021	28454.00	36 1N	42 51E	87.5	187.9	2.511	-35.00	63.5	S0312	.03090	8.3561	0.4	V
9022	28459.40	35 49N	43 8E	80.4	187.9	2.733	-24.85	63.8	S0312	.03090	9.0292	1.0	A
9023	28467.40	34 48N	43 36E	74.4	187.8	2.872	-1.05	64.8	S0312	.02200	9.7301	2.0	F
9024	28472.80	34 48N	43 36E	74.5	187.8	2.872	+0.35	64.8	S0312	.03090	9.7166	1.0	A
9025	28487.40	33 23N	43 37E	76.8	187.7	2.872	11.20	65.9	S0312	.02200	9.4498	1.0	F
9026	28493.00	33 23N	43 36E	77.0	187.7	2.872	11.90	65.9	S0312	.02200	9.3796	1.0	A
9027	28498.80	32 45N	43 51E	83.1	187.6	2.511	24.85	66.5	S0312	.03090	8.8231	0.6	V
9028	28523.20	31 2N	43 46E	91.4	187.5	2.385	33.60	67.8	S0312	.01680	8.0150	0.6	V
9029	28527.80	30 57N	43 40E	90.5	187.5	2.385	31.85	67.8	S0312	.01680	7.9572	1.0	A
9030	28574.20	27 29N	41 42E	76.1	187.3	3.090	-14.70	68.6	SD312	.03090	9.4992	1.0	F
9031	28661.60	21 29N	40 1E	88.3	186.9	2.872	-33.25	70.0	S0312	.03090	8.1469	1.0	F
9032	28669.20	21 19N	40 25E	77.7	186.9	3.211	-17.50	70.4	S0312	.03090	9.3178	1.0	A
9033	28738.00	16 26N	39 3E	89.6	186.7	2.872	-33.95	70.2	S0312	.03090	8.1469	1.0	V
9034	28745.60	15 39N	39 29E	78.9	186.7	3.439	-14.00	70.6	S0312	.04090	9.1529	0.6	F
9035	28751.20	15 39N	39 29E	78.7	186.7	3.439	-12.95	70.7	S0312	.04090	9.1777	1.0	A
9036	28774.00	14 10N	38 44E	87.4	186.6	3.211	-31.15	70.0	S0312	.01680	8.2788	1.0	A
9037	28840.40	9 4N	38 46E	79.5	186.5	3.439	5.95	69.3	S0312	.03090	9.1034	1.6	F
9038	28846.00	9 4N	38 46E	79.9	186.5	3.211	7.00	69.3	S0312	.03090	9.0127	1.6	A
9039	28850.20	8 47N	38 44E	81.3	186.5	3.211	7.00	69.2	S0312	.03090	8.8478	0.8	A
9040	28970.60	0 22N	36 40E	84.8	186.4	3.439	-18.20	63.9	S0312	.03090	8.5922	1.0	V
9041	28978.20	0 6N	36 22E	90.9	186.4	3.439	-27.30	63.5	S0312	.03090	7.9408	1.0	A
9042	29361.40	26 17S	31 10E	115.1	187.2	3.090	-31.50	41.8	S0312	.03090	8.2668	0.8	V
9043	29365.60	26 17S	31 9E	116.4	187.2	3.090	-31.15	41.8	S0312	.03090	8.1349	0.8	A
9044	29383.60	27 59S	32 27E	106.7	187.3	2.733	14.35	41.0	S0312	.03090	8.7451	0.8	V
9045	29387.40	27 58S	32 27E	108.6	187.3	2.511	15.05	41.1	S0312	.03090	8.5224	1.0	A
9046	29395.40	28 45S	32 3E	104.4	187.3	2.872	7.70	40.2	S0312	.04090	8.9018	1.0	V
9047	29399.20	28 45S	32 3E	106.0	187.3	2.872	8.05	40.2	S0312	.04090	8.6374	1.0	A
205 5001	33411.79	59 58N	30 18E	79.9	192.8	1.810	11.90	44.4	S0255	.03150	9.0776	1.0	A
5002	33525.19	52 18N	26 47E	77.5	190.5	2.170	9.80	51.2	S0255	.03150	9.3580	0.8	A
9001	33292.39	68 0N	33 3E	90.9	197.2	0.986	-30.45	36.7	S0312	.02200	8.0315	0.6	V
9002	33295.59	68 1N	33 2E	91.9	197.0	0.986	-30.45	36.6	S0312	.02200	7.8665	0.6	A
9003	33378.59	61 34N	30 27E	78.6	193.8	1.687	-7.70	42.5	S0312	.04090	9.1859	0.6	F

Handle via
BYEMAN Channels
BYE-8915/84

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4354 COMMAND ANFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
205 9004	33383.59	61 05N	30 13E	78.7	193.6	1.687	-8.75	42.8	S0312	.0409U	9.1777	1.0	F
9005	33389.19	61 25N	29 48E	79.2	193.5	1.687	-15.05	42.9	S0312	.0409U	9.2354	0.6	V
9006	33395.59	60 44N	30 8E	77.8	193.3	1.810	-1.05	43.6	S0312	.0409U	9.2849	0.6	F
9007	33398.39	60 44N	30 8E	76.8	193.2	1.810	-0.70	43.6	S0312	.0409U	9.5240	0.6	V
9008	33404.19	60 19N	30 11E	77.3	193.0	1.810	5.25	44.0	S0312	.0409U	9.4663	0.6	V
9009	33406.99	60 19N	30 11E	78.2	193.0	1.810	5.60	44.0	S0312	.0409U	9.2519	0.6	A
9010	33411.39	59 59N	30 19E	79.8	192.8	1.810	11.90	44.3	S0312	.0409U	9.0787	1.8	A
9011	33414.19	59 46N	30 13E	79.8	192.8	1.810	11.90	44.5	S0312	.0409U	9.0705	0.6	A
9012	33417.19	59 36N	30 8E	79.9	192.7	1.810	12.60	44.7	S0312	.0409U	9.0457	1.0	A
9013	33420.19	59 26N	30 3E	80.0	192.6	1.810	12.95	44.9	S0312	.0409U	9.0375	0.8	A
9014	33426.39	58 46N	29 50E	79.8	192.5	1.810	15.05	45.5	S0312	.0409U	9.1777	0.6	V
9015	33429.19	58 47N	29 51E	80.8	192.4	1.810	15.40	45.5	S0312	.0409U	8.9468	0.6	A
9016	33461.59	56 15N	28 19E	77.7	191.7	2.033	7.35	47.7	S0312	.0409U	9.3178	0.8	F
9017	33467.19	56 14N	28 19E	77.7	191.5	2.033	8.05	47.7	S0312	.0409U	9.3013	0.8	A
9018	33478.79	55 41N	26 54E	79.1	191.3	2.033	-16.80	48.5	S0312	.0409U	9.1199	0.6	F
9019	33482.39	55 8N	26 45E	79.2	191.2	2.033	-19.60	48.5	S0312	.0409U	9.2354	0.4	V
9020	33485.19	55 9N	26 45E	80.0	191.2	2.033	-19.25	48.5	S0312	.0409U	9.0622	0.4	A
9021	33491.39	54 56N	26 18E	81.8	191.1	1.810	-24.50	49.0	S0312	.0409U	8.9385	0.6	V
9022	33496.79	54 42N	26 13E	83.5	191.0	2.033	-25.90	49.0	S0312	.0409U	8.6941	0.6	A
9023	33502.59	53 40N	26 53E	76.1	190.9	2.170	-0.70	50.1	S0312	.0409U	9.5075	0.4	F
9024	33505.19	53 31N	26 53E	75.1	190.8	2.170	-0.35	50.1	S0312	.0409U	9.7466	0.6	V
9025	33513.39	53 2N	25 59E	78.6	190.7	2.033	-14.25	50.4	S0312	.0409U	9.3096	0.6	V
9026	33516.19	53 2N	25 59E	79.3	190.6	2.033	-18.90	50.4	S0312	.0409U	9.1364	0.6	A
9027	33540.59	50 57N	25 37E	76.3	190.2	2.170	-10.15	52.2	S0312	.0409U	9.4663	0.4	F
9028	33543.99	50 56N	25 32E	75.8	190.2	2.170	-11.90	52.2	S0312	.0409U	9.6642	0.6	V
9029	33549.19	50 46N	25 2E	81.1	190.1	2.170	-23.45	52.2	S0312	.0409U	8.9303	0.6	A
9030	33559.19	49 56N	25 42E	75.9	190.0	2.385	4.90	53.5	S0312	.0409U	9.5405	0.4	F
9031	33560.19	49 54N	25 40E	75.9	190.0	2.385	4.90	53.5	S0312	.0409U	9.5405	0.6	F
9032	33565.19	49 36N	25 36E	75.6	189.9	2.385	3.15	53.5	S0312	.0409U	9.5735	1.0	A
9033	33572.79	49 56N	24 44E	76.7	189.8	2.170	-16.45	53.9	S0312	.0409U	9.5570	0.4	V
9034	33575.59	49 56N	24 44E	77.4	189.7	2.385	-16.10	53.9	S0312	.0409U	9.3673	1.0	A
9035	33578.99	49 42N	24 37E	76.4	189.7	2.170	-16.10	54.2	S0312	.0409U	9.5735	0.6	V
9036	33581.79	49 42N	24 37E	77.2	189.7	2.385	-16.10	54.2	S0312	.0409U	9.3940	0.6	A
9037	33588.19	47 58N	23 54E	84.2	189.6	2.170	-30.10	54.5	S0312	.0309U	8.7076	0.4	U
9038	33591.39	47 58N	23 53E	85.1	189.5	2.170	-30.10	54.5	S0312	.0309U	8.5427	0.4	A
9039	33659.39	42 47N	23 35E	74.6	188.8	2.733	3.15	59.1	S0312	.0409U	9.7054	0.6	F
9040	33664.79	42 47N	23 35E	74.7	188.7	2.511	4.20	59.1	S0312	.0409U	9.6807	0.6	A
9041	33833.19	30 55N	20 5E	79.1	187.5	2.872	-22.05	66.8	S0312	.0409U	9.1117	0.4	F
9042	33836.19	30 54N	20 5E	77.9	187.5	2.872	-21.35	66.9	S0312	.0220U	9.3920	0.8	V
9043	33843.79	30 42N	19 35E	86.7	187.4	2.733	-33.95	66.8	S0312	.0168U	8.4555	1.0	V
9044	33861.39	29 2N	20 48E	80.8	187.4	2.733	21.00	68.6	S0312	.0309U	9.0622	1.0	V
9045	33869.99	28 21N	19 56E	75.1	187.3	3.090	-7.70	68.4	S0312	.0309U	9.6394	0.8	F
9046	33878.99	28 12N	19 11E	86.6	187.3	2.872	-32.55	68.0	S0312	.0309U	8.3695	0.8	A
9047	34086.19	13 42N	16 31E	88.3	186.6	3.090	-31.85	69.8	S0312	.0168U	8.2746	1.2	V
9048	34104.39	12 57N	16 33E	83.9	186.6	3.439	-23.80	69.8	S0312	.0309U	8.6252	1.0	A
9049	34501.19	15 9S	12 12E	93.1	186.7	3.439	-3.85	52.1	S0312	.0309U	7.7016	0.8	F
9050	34504.59	15 9S	12 11E	92.3	186.7	3.439	-3.85	52.1	S0312	.0309U	7.8500	2.2	V
9051	34514.99	15 41S	12 59E	107.5	186.7	2.511	26.60	52.2	S0312	.0309U	6.6049	1.0	A
206 9001	38651.19	64 06N	11 31E	85.1	195.0	1.475	20.65	40.2	S0312	.0409U	8.4932	0.8	A
9002	38661.19	63 49N	10 25E	81.5	194.6	1.687	13.65	41.1	S0312	.0309U	8.8726	1.2	F
9003	38666.79	63 41N	9 54E	78.2	194.4	1.687	5.95	41.2	S0312	.0409U	9.3508	0.8	V
9004	38714.59	60 6N	6 34E	84.0	193.0	1.475	-23.80	44.0	S0312	.0409U	8.5674	0.6	F
9005	38723.79	59 41N	6 22E	82.7	192.7	1.475	-23.45	44.4	S0312	.0409U	8.8596	0.8	V
9006	38730.99	59 0N	5 46E	87.5	192.5	1.475	-29.05	45.0	S0312	.0220U	8.2211	0.8	F
9007	38738.19	58 29N	6 2E	81.2	192.4	1.687	-19.60	45.5	S0312	.0409U	8.8808	0.8	F
9008	38747.99	58 5N	7 27E	81.4	192.1	1.810	17.15	46.2	S0312	.0541U	8.8808	0.6	A
9009	38817.79	52 59N	4 48E	76.6	190.7	2.170	5.60	50.6	S0312	.0409U	9.4498	0.8	F
9010	38827.79	52 30N	4 37E	75.7	190.6	2.170	5.95	51.0	S0312	.0409U	9.6724	0.6	V
9011	38833.19	51 56N	4 11E	75.8	190.5	2.385	-1.05	51.4	S0312	.0409U	9.5487	0.8	F
9012	38838.59	51 27N	4 29E	76.9	190.4	2.170	8.05	51.5	S0312	.0409U	9.4085	1.0	A
9013	38844.99	51 22N	3 50E	74.8	190.3	2.170	-4.20	51.9	S0312	.0409U	9.7961	0.8	V
9014	38853.59	50 54N	4 22E	79.2	190.2	2.170	15.40	52.5	S0312	.0409U	9.1282	1.0	A
9015	38885.39	48 58N	2 41E	75.4	189.7	2.385	-11.90	54.2	S0312	.0409U	9.7136	0.4	V
9016	38888.19	48 56N	2 41E	76.1	189.7	2.385	-11.55	54.2	S0312	.0409U	9.5157	0.4	A
9017	39078.19	35 12N	0 34W	74.1	187.9	2.872	-2.45	64.6	S0312	.0309U	9.7714	0.6	F
9018	39080.99	35 12N	0 35W	73.3	187.9	2.872	-2.10	64.6	S0312	.0309U	10.0023	0.6	V
9019	39120.59	32 36N	1 58W	82.8	187.6	2.733	-30.45	65.8	S0312	.0309U	8.8478	0.8	V
9020	39133.99	31 58N	2 13W	85.0	187.5	2.733	-32.20	66.2	S0312	.0309U	8.6087	0.8	V
9021	39137.19	31 56N	2 13W	85.7	187.5	2.733	-31.85	66.3	S0312	.0309U	8.4685	0.6	A
9022	39376.59	14 04N	4 13W	82.6	186.7	3.090	16.80	71.2	S0312	.0168U	8.7736	0.8	F
208 9001	50375.39	11 45S	52 16W	116.4	186.6	2.170	37.10	55.7	S0312	.0220U	6.2338	1.0	V
9002	50380.19	11 47S	52 21W	115.8	186.6	2.170	35.70	55.7	S0312	.0220U	6.1431	1.0	A
9003	50424.59	14 49S	52 53W	117.8	186.7	2.033	35.35	53.1	S0312	.0220U	6.0277	1.0	A
9004	50686.59	32 06S	58 36W	117.1	187.6	2.872	-24.60	35.7	S0312	.0309U	6.0607	1.0	F
9005	50690.99	32 09S	58 31W	114.0	187.7	3.090	-24.50	35.7	S0312	.0309U	6.3163	0.8	V
9006	50695.79	33 19S	58 35W	114.0	187.7	3.090	-24.15	35.4	S0312	.0309U	6.3080	1.0	U
9007	50703.39	34 40S	58 14W	108.9	187.7	2.872	-10.85	34.9	S0312	.0309U	6.5589	0.8	F
9008	50709.39	34 54S	58 22W	109.5	187.8	2.872	-11.90	34.5	S0312	.0409U	6.4977	0.6	F
9009	50713.19	34 52S	58 30W	109.7	187.8	3.090	-15.40	34.5	S0312	.0309U	6.5554	1.8	V
9010	50717.39	34 52S	58 30W	111.0	187.8	3.090	-14.70	34.5	S0312	.0309U	6.3905	0.8	A
9011	50719.19	34 40S	58 32W	111.1	187.8	3.090	-14.70	34.4	S0312	.0309U	6.3905	0.8	A
9012	50729.59	35 58S	58 34W	109.8	187.9	2.872	-8.75	33.3	S0312	.0309U	6.4730	1.0	F
9013	50737.39	36 18S	57 43W	113.8	188.0	2.385	15.05	33.3	S0312	.0309U	6.3080	0.8	V
9014	50741.59	36 32S	57 51W	115.1	188.0	2.385	14.70	32.8	S0312	.0309U	6.1926	1.0	F

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
208 9015	50752.79	37 14S	59 12W	112.5	188.1	2.872	-16.45	32.0	SO312	.03090	6.3823	1.2	V
9016	50758.19	37 17S	59 9W	113.2	188.1	3.090	-14.35	31.9	SO312	.03090	6.2668	0.6	A
9017	50765.79	37 22S	58 39W	111.6	188.2	2.733	1.40	31.6	SO312	.03090	6.3328	0.8	A
9018	50774.39	38 27S	58 49W	112.1	188.2	2.733	1.05	31.1	SO312	.03090	6.2998	1.2	A
209 5001	55348.39	11 14N	72 17W	87.7	186.6	3.211	-29.05	69.2	SO255	.02260	8.2366	0.8	F
5002	55353.99	10 48N	72 43W	98.9	186.5	2.872	-39.90	68.8	SO255	.01710	7.2885	1.0	F
5003	55358.39	10 26N	72 34W	94.2	186.5	3.090	-35.70	69.0	SO255	.01710	7.7090	0.6	A
5004	55362.79	10 42N	72 48W	100.6	186.5	3.090	-40.95	68.7	SO255	.01710	7.2143	0.8	A
5005	55367.19	10 25N	72 57W	103.9	186.5	3.090	-43.75	68.5	SO255	.01710	6.9917	1.0	A
9001	55338.19	12 17N	71 56W	83.4	186.6	3.439	-22.40	69.7	SO312	.04090	8.6829	0.6	A
9002	55447.19	4 44N	72 55W	81.8	186.4	3.574	-8.40	66.8	SO312	.03090	8.8148	1.0	A
9003	55680.79	11 46S	75 30W	89.3	186.6	3.439	1.75	55.0	SO312	.03090	8.0644	0.4	F
9004	55691.59	12 6S	76 60W	117.5	186.6	3.090	-42.35	53.8	SO312	.02200	6.1679	1.0	V
9005	55695.99	12 6S	76 59W	118.1	186.6	3.439	-42.00	53.8	SO312	.01680	6.0936	0.8	A
9006	55730.19	15 19S	75 8W	114.8	186.7	2.385	32.90	52.6	SO312	.02200	6.2833	1.0	F
210 5001	59037.39	56 65N	84 53E	141.5	348.3	-1.466	-42.00	-14.6	SO255	.29710	5.0211	0.8	A
9001	60543.59	18 41N	91 47W	84.0	186.8	3.090	21.00	71.6	SO312	.03090	8.6417	1.0	F
9002	60553.79	17 59N	91 57W	83.6	186.8	3.090	19.95	71.6	SO312	.03090	8.6911	0.4	F
9003	60559.79	17 59N	91 56W	84.5	186.7	2.872	21.35	71.6	SO312	.03090	8.5262	0.4	A
9004	60565.79	17 54N	91 59W	85.5	186.7	2.733	22.75	71.7	SO312	.03090	8.4190	1.0	A
211 5001	65646.18	32 45N	111 33W	74.5	187.7	3.090	2.45	66.3	SD255	.02260	9.7290	0.8	F
5002	65651.58	32 44N	111 32W	74.8	187.6	2.872	3.85	66.3	SO255	.02260	9.6795	0.6	A
9001	65646.18	32 44N	111 33W	74.5	187.7	3.090	2.45	66.3	SO312	.03090	9.7301	0.6	F
9002	65651.58	32 44N	111 32W	74.7	187.6	2.872	3.85	66.3	SO312	.03090	9.6807	0.6	A
9003	65670.98	31 17N	112 29W	77.2	187.5	2.872	-20.65	66.8	SO312	.03090	9.4745	0.8	V
9004	65691.18	29 45N	111 31W	85.0	187.4	2.511	27.30	68.4	SO312	.03090	8.6252	1.2	V
9005	65727.98	27 14N	112 14W	81.3	187.2	2.733	21.35	69.5	SD312	.03090	9.0045	0.8	V
9006	65734.98	26 57N	112 5W	87.9	187.2	2.511	28.70	69.8	SO312	.03090	8.2046	0.8	A
212 5001	69637.78	55 46N	38 29E	102.1	348.5	-2.028	-5.95	-14.7	SO255	.29710	6.9999	0.4	A
215 9001	153.37	55 14N	165 59E	76.2	191.3	2.170	-11.90	48.7	SO312	.04090	9.5982	0.4	V
9002	156.17	55 14N	165 58E	77.1	191.2	2.170	-11.90	48.7	SO312	.04090	9.4003	0.4	A
216 9001	5482.97	53 55N	143 6E	77.9	190.9	2.170	-15.75	50.1	SO312	.05410	9.2684	0.4	F
9002	5485.77	53 55N	143 6E	76.8	190.8	2.170	-15.40	50.1	SO312	.05410	9.5240	0.4	V
9003	5488.57	53 55N	143 5E	77.7	190.8	2.170	-15.40	50.1	SO312	.05410	9.3343	0.4	A
9004	5510.37	51 46N	141 41E	88.8	190.4	1.687	-33.25	51.5	SO312	.02200	8.1139	1.0	F
9005	5513.57	51 46N	141 41E	87.4	190.4	1.687	-32.90	51.5	SO312	.02200	8.3778	1.0	V
9006	5537.17	49 46N	142 53E	78.9	190.0	2.385	15.40	53.7	SO312	.03090	9.1941	0.8	F
9007	5542.77	49 46N	142 52E	79.0	189.9	2.170	16.10	53.7	SO312	.03090	9.1612	0.8	A
9008	5549.37	49 19N	142 52E	81.1	189.8	2.170	20.30	54.1	SO312	.03090	8.9220	0.6	A
9009	5595.77	45 56N	142 6E	85.7	189.3	2.170	28.35	57.1	SO312	.02200	8.5592	0.4	V
9010	5598.97	45 54N	142 6E	87.1	189.2	2.170	28.70	57.1	SO312	.02200	8.3036	0.4	A
217 5001	11576.97	0 6S	109 25E	84.5	186.4	3.574	-5.60	63.7	SO255	.01710	8.5252	1.0	A
5002	11681.97	7 19S	108 15E	88.4	186.5	3.439	-2.10	58.5	SO255	.01710	8.1212	0.6	A
9001	10640.97	63 48N	125 33E	81.9	194.6	1.332	-18.90	41.0	SO312	.03090	8.7983	0.8	F
9002	10643.97	63 42N	125 33E	80.7	194.5	1.332	-18.55	41.0	SO312	.03090	9.0540	0.8	V
9003	10801.97	53 2N	122 25E	86.4	190.7	1.810	26.95	50.9	SO312	.03090	8.3778	0.4	A
9004	10827.37	51 20N	119 35E	84.0	190.3	1.810	-29.75	51.9	SO312	.03090	8.7241	0.4	V
9005	10888.57	47 9N	120 15E	83.8	189.4	2.170	25.90	56.0	SO312	.02200	8.6252	0.4	A
9006	10954.77	42 12N	118 51E	85.5	188.7	2.511	27.30	60.1	SO312	.02200	8.5097	0.8	F
9007	10957.77	42 12N	118 51E	84.8	188.7	2.511	27.65	60.1	SO312	.02200	8.6582	0.8	V
9008	10960.97	42 11N	118 51E	86.1	188.7	2.170	28.35	60.1	SO312	.02200	8.3943	0.8	A
9009	10972.57	40 58N	118 32E	85.8	188.6	2.511	27.65	61.0	SO312	.02200	8.4850	0.4	F
9010	10986.17	40 26N	116 40E	80.9	188.4	2.511	-27.30	60.7	SO312	.03090	9.0705	0.6	V
9011	10989.17	40 26N	116 41E	81.5	188.4	2.733	-26.95	60.7	SO312	.03090	8.9055	0.6	A
9012	10993.17	39 58N	116 25E	83.7	188.4	2.511	-31.15	61.0	SO312	.03090	8.7571	0.8	V
9013	10995.37	39 49N	116 23E	83.7	188.4	2.511	-31.15	61.1	SO312	.02200	8.7571	0.8	V
9014	10998.37	39 50N	116 23E	84.4	188.3	2.511	-30.80	61.1	SO312	.02200	8.6169	1.8	A
9015	11007.17	39 7N	117 1E	74.2	188.3	2.872	-4.90	62.0	SO312	.03090	9.7631	0.8	A
9016	11011.57	38 46N	116 57E	74.1	188.2	2.872	-2.45	62.5	SO312	.03090	9.7631	0.8	F
9017	11016.77	38 27N	116 57E	74.2	188.2	2.872	-1.75	62.5	SO312	.03090	9.7631	0.8	A
9018	11025.57	37 51N	116 8E	79.2	188.1	2.733	-23.10	62.9	SO312	.02200	9.1117	0.8	F
9019	11031.17	37 32N	116 8E	78.9	188.1	2.733	-22.40	62.9	SD312	.02200	9.2024	0.8	A
9020	11042.17	36 59N	117 2E	78.8	188.0	2.733	17.15	64.1	SO312	.03090	9.1694	0.4	A
9021	11043.17	36 55N	117 1E	78.7	188.0	2.733	17.15	64.1	SO312	.03090	9.1694	0.4	A
9022	11048.97	36 12N	116 45E	76.3	187.9	2.733	11.20	64.3	SO312	.03090	9.4663	0.4	A
9023	11115.17	31 37N	116 8E	84.5	187.5	2.511	25.55	67.4	SD312	.03090	8.5427	0.4	A
218 9001	16026.76	58 10N	102 35E	86.1	192.3	1.810	25.20	46.3	SO312	.03090	8.4273	0.6	F
9002	16031.96	57 60N	102 43E	88.5	192.2	1.687	29.40	46.5	SO312	.03090	8.2706	0.6	V

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
218 9003	16053.16	56 24N	101 42E	85.4	191.7	2.033	24.85	47.9	S0312	.0309U	8.4850	0.4	F
9004	16054.16	56 19N	101 40E	85.4	191.7	2.033	24.85	48.0	S0312	.0309U	8.4932	0.6	F
9005	16056.36	56 11N	101 36E	85.4	191.7	2.033	24.85	48.1	S0312	.0309U	8.4932	1.0	F
9006	16062.76	56 1N	100 55E	77.5	191.5	2.033	9.80	48.0	S0312	.0309U	9.3543	0.4	A
9007	16063.76	54 57N	99 4E	80.8	191.1	1.810	-22.40	48.9	S0312	.0309U	8.9797	0.6	A
9008	16185.76	47 46N	96 51E	75.8	189.5	2.385	-16.20	55.1	S0312	.0309U	9.6559	0.4	V
9009	16188.56	47 45N	96 51E	76.6	189.5	2.385	-17.85	55.1	S0312	.0309U	9.4745	0.4	A
9010	16293.96	40 11N	94 36E	79.7	188.4	2.511	-24.85	61.0	S0312	.0220U	9.0875	1.0	F
9011	16299.76	40 9N	94 42E	77.5	188.4	2.733	-20.65	61.1	S0312	.0309U	9.3673	0.4	A
9012	16452.36	29 8N	93 27E	82.0	187.4	2.733	24.15	68.8	S0312	.0220U	8.8643	0.8	F
9013	16459.56	29 5N	92 57E	74.0	187.3	3.090	6.65	68.5	S0312	.0220U	9.7631	0.4	A
9014	16556.96	22 41N	91 50E	80.2	186.9	2.872	15.75	71.1	S0312	.0409U	8.9962	1.0	A
219 5001	21520.96	45 35N	73 31E	88.2	189.2	2.170	-35.35	56.4	S0255	.0226U	8.3191	0.8	V
5002	21524.16	45 33N	73 31E	88.9	189.2	2.170	-35.00	56.4	S0255	.0226U	8.2037	0.6	A
5003	21666.16	35 40N	72 4E	72.5	187.9	2.872	-3.50	64.4	S0255	.0171U	10.1000	0.8	V
5004	21668.96	35 37N	72 3E	73.5	187.9	2.872	-3.15	64.4	S0255	.0226U	9.8774	0.4	A
5005	21675.36	35 0N	71 42E	74.2	187.9	2.872	-10.50	64.8	S0255	.0171U	9.7455	1.2	F
5006	21677.16	34 55N	71 41E	74.4	187.8	2.872	-10.50	64.9	S0255	.0171U	9.7290	0.6	F
5007	21681.56	34 46N	71 34E	74.3	187.8	2.872	-13.30	64.9	S0255	.0171U	9.8604	0.6	V
5008	21684.36	34 40N	71 31E	74.4	187.8	2.872	-13.65	65.0	S0255	.0171U	9.8444	0.6	V
5009	21688.36	34 30N	71 22E	76.9	187.8	2.872	-18.20	65.0	S0255	.0171U	9.4487	0.6	A
5010	21692.16	34 14N	71 24E	75.5	187.7	2.872	-14.70	65.2	S0255	.0171U	9.6136	0.4	A
5011	21714.36	32 4N	72 40E	103.9	187.6	2.170	41.65	67.6	S0255	.0133U	7.0246	0.4	F
5012	21721.76	32 4N	72 41E	105.4	187.6	1.810	42.70	67.6	S0255	.0133U	6.8597	0.4	A
5013	21747.76	30 1N	70 36E	75.5	187.4	3.090	-11.90	67.7	S0255	.0171U	9.5745	0.8	F
5014	21753.16	30 1N	70 36E	75.4	187.4	3.090	-10.85	67.7	S0255	.0171U	9.6053	0.8	A
9001	21168.16	69 25N	88 6E	82.6	198.6	1.332	16.45	35.7	S0312	.0309U	8.8478	0.4	V
9002	21171.16	69 25N	88 7E	83.7	198.4	1.113	17.15	35.7	S0312	.0309U	8.6364	0.4	A
9003	21394.76	54 42N	77 22E	75.1	191.0	2.033	-7.35	49.5	S0312	.0309U	9.7549	0.6	V
9004	21397.56	54 42N	77 22E	75.9	191.0	2.033	-7.00	49.5	S0312	.0309U	9.5487	0.6	A
9005	21505.76	46 48N	74 32E	76.2	189.4	2.385	-14.70	56.1	S0312	.0309U	9.4745	0.6	F
9006	21508.56	46 46N	74 31E	75.3	189.3	2.385	-14.70	56.1	S0312	.0309U	9.7219	0.8	V
9007	21511.56	46 47N	74 30E	76.2	189.3	2.385	-14.70	56.1	S0312	.0309U	9.5157	0.6	A
9008	21515.16	46 4N	73 36E	87.5	189.2	2.170	-34.65	56.3	S0312	.0220U	8.3860	0.4	V
9009	21697.96	33 47N	71 28E	73.5	187.7	2.872	-7.35	65.7	S0312	.0309U	9.9775	1.0	V
9010	21701.16	33 45N	71 28E	74.3	187.7	3.090	-7.00	65.8	S0312	.0309U	9.7549	0.4	A
9011	21747.76	30 1N	70 35E	75.5	187.4	3.090	-11.90	67.7	S0312	.0220U	9.5735	0.8	F
9012	21753.16	30 1N	70 36E	75.4	187.4	3.090	-10.85	67.7	S0312	.0220U	9.6064	0.8	A
9013	21770.56	28 56N	70 18E	75.5	187.3	3.090	-10.50	68.5	S0312	.0220U	9.5817	1.0	F
9014	21775.96	28 56N	70 18E	75.4	187.3	3.211	-9.45	68.5	S0312	.0220U	9.6064	0.6	A
9015	21790.96	26 55N	70 53E	84.0	187.2	2.872	23.80	69.8	S0312	.0220U	8.6964	0.8	F
9016	21796.56	26 55N	70 55E	85.4	187.2	2.511	25.90	69.9	S0312	.0309U	8.4438	1.0	A
9017	21816.96	25 45N	69 4E	88.2	187.1	2.872	-33.95	69.1	S0312	.0309U	9.2376	0.8	A
9018	21844.16	23 19N	69 40E	76.5	187.0	3.211	5.25	70.7	S0312	.0309U	9.4745	1.0	F
9019	21851.76	23 9N	70 7E	85.2	187.0	2.733	24.15	71.1	S0312	.0309U	8.4520	1.0	A
9020	21861.16	22 50N	70 1E	86.5	186.9	2.733	25.55	71.3	S0312	.0220U	8.3283	0.6	A
220 5001	26708.56	53 36N	55 32E	76.5	190.9	2.170	7.35	50.3	S0255	.0315U	9.4652	0.8	F
5002	26713.96	53 35N	55 32E	76.7	190.8	2.170	8.05	50.3	S0255	.0315U	9.4487	1.0	A
5003	26788.76	48 7N	53 45E	77.0	189.7	2.385	11.55	55.1	S0255	.0315U	9.4074	0.4	F
5004	26794.36	48 7N	53 44E	77.3	189.6	2.385	12.25	55.1	S0255	.0315U	9.3580	0.4	A
5005	27005.76	33 49N	49 29E	72.6	187.7	2.872	-1.40	65.9	S0255	.0226U	10.1000	1.0	V
5006	27337.36	10 46N	44 60E	79.5	186.5	3.439	-3.50	69.6	S0255	.0133U	9.0859	0.6	F
5007	27340.36	10 45N	44 59E	78.7	186.5	3.439	-3.15	69.6	S0255	.0133U	9.2848	0.6	V
9001	26470.56	69 45N	66 53E	87.1	198.8	1.113	22.75	35.4	S0312	.0309U	8.2953	0.4	A
9002	26495.16	67 59N	64 44E	83.0	197.4	1.332	18.55	37.1	S0312	.0309U	8.8066	0.4	V
9003	26498.16	67 59N	64 44E	84.1	197.3	1.332	18.90	37.1	S0312	.0309U	8.5922	0.4	A
9004	26501.76	67 58N	64 10E	81.7	197.1	1.332	16.10	37.5	S0312	.0309U	8.9550	0.6	V
9005	26504.76	67 54N	64 10E	82.7	196.9	1.332	16.45	37.5	S0312	.0309U	8.7324	0.6	A
9006	26614.16	60 17N	57 19E	79.8	193.0	1.687	-19.60	44.2	S0312	.0409U	9.1694	0.4	V
9007	26615.96	60 16N	57 19E	80.5	192.9	1.687	-19.25	44.2	S0312	.0409U	8.9962	0.4	A
9008	26623.36	59 42N	56 44E	82.8	192.7	1.475	-24.85	44.7	S0312	.0409U	8.8313	0.8	V
9009	26626.36	59 42N	56 44E	83.5	192.6	1.687	-24.85	44.7	S0312	.0409U	8.6746	0.8	A
9010	26708.56	53 35N	55 32E	76.5	190.9	2.170	7.35	50.3	S0312	.0409U	9.4663	0.8	F
9011	26713.96	53 35N	55 32E	76.6	190.8	2.170	8.05	50.3	S0312	.0409U	9.4498	0.8	A
9012	26733.36	51 52N	55 10E	78.8	190.5	2.170	15.05	51.9	S0312	.0409U	9.2024	1.2	F
9013	26736.76	51 50N	55 8E	77.9	190.4	2.170	15.05	52.0	S0312	.0409U	9.4168	1.2	V
9014	26740.96	51 48N	54 57E	77.0	190.4	2.170	12.95	52.2	S0312	.0409U	9.5240	0.6	V
9015	26743.76	51 46N	54 57E	78.0	190.3	2.170	13.30	52.2	S0312	.0409U	9.2766	0.6	A
9016	26749.16	51 40N	55 5E	81.2	190.2	2.170	19.95	52.6	S0312	.0409U	8.9055	0.6	A
9017	26788.76	48 7N	53 44E	77.1	189.7	2.385	11.55	55.1	S0312	.0409U	9.4085	1.4	F
9018	26794.16	48 7N	53 45E	77.3	189.6	2.385	12.25	55.1	S0312	.0409U	9.3591	1.4	A
9019	27005.76	33 49N	49 29E	72.6	187.7	2.872	-1.40	65.9	S0312	.0309U	10.1012	0.8	V
9020	27016.96	32 53N	48 18E	88.9	187.6	2.511	-35.35	65.9	S0312	.0309U	8.0892	0.6	F
9021	27020.16	32 50N	48 19E	87.6	187.6	2.511	-35.00	65.9	S0312	.0309U	8.3448	0.6	V
9022	27024.76	32 48N	48 25E	85.0	187.6	2.733	-31.15	66.0	S0312	.0168U	8.5427	0.8	A
9023	27037.56	31 40N	48 49E	74.1	187.5	3.090	-8.75	67.1	S0312	.0309U	9.8951	0.6	V
9024	27040.36	31 40N	48 49E	74.9	187.5	3.090	-8.40	67.1	S0312	.0309U	9.6724	0.6	A
9025	27046.36	30 28N	49 5E	76.1	187.5	3.090	8.05	67.8	S0312	.0409U	9.5322	0.8	F
9026	27049.36	30 26N	49 4E	75.2	187.5	2.872	8.40	67.8	S0312	.0409U	9.7364	0.6	V
9027	27057.76	29 41N	48 49E	75.3	187.4	3.090	3.85	68.2	S0312	.0409U	9.6312	0.4	F
9028	27060.36	29 42N	48 49E	74.5	187.4	3.090	4.20	68.2	S0312	.0409U	9.8373	0.4	V
9029	27069.36	28 36N	47 48E	83.4	187.4	2.733	-28.70	67.9	S0312	.0309U	8.6499	0.6	F

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
220 9030	27072.36	28 56N	47 47E	82.2	187.3	2.733	-28.35	67.9	S0312	.03090	8.9055	0.6	V
9031	27085.36	27 52N	47 26E	86.9	187.3	2.733	-32.90	68.3	S0312	.03090	8.2871	0.8	F
9032	27090.16	27 52N	47 24E	86.4	187.3	2.733	-32.20	68.5	S0312	.03090	8.3448	0.8	F
9033	27094.36	27 41N	47 19E	88.7	187.2	2.733	-34.65	68.3	S0312	.03090	8.1881	1.4	A
9034	27101.36	26 59N	47 15E	86.4	187.2	2.733	-33.25	68.6	S0312	.03090	8.4767	1.0	V
9035	27126.16	25 12N	47 31E	75.1	187.1	3.090	-11.55	69.8	S0312	.03090	9.7466	1.0	V
9036	27264.36	15 30N	45 20E	84.2	186.7	3.090	-26.25	70.4	S0312	.03090	8.5592	1.0	F
9037	27273.36	15 3N	45 36E	77.4	186.7	3.439	-12.25	70.7	S0312	.03090	9.4580	0.6	V
9038	27276.96	15 0N	45 34E	78.5	186.6	3.439	-12.60	70.6	S0312	.03090	9.2106	0.8	A
9039	27278.56	14 54N	45 33E	78.5	186.6	3.439	-12.60	70.6	S0312	.03090	9.2106	1.0	A
9040	27287.16	14 20N	45 16E	80.7	186.6	3.439	-19.95	70.3	S0312	.03090	8.9715	1.0	A
9041	27292.76	13 53N	44 52E	88.1	186.6	3.211	-30.45	69.9	S0312	.03090	8.1551	0.6	F
9042	27296.76	13 47N	44 47E	89.3	186.6	3.211	-31.50	69.8	S0312	.03090	8.0480	0.8	F
9043	27299.96	13 17N	44 47E	87.8	186.6	3.211	-30.80	69.8	S0312	.01680	8.3118	1.6	V
9044	27306.56	12 49N	44 48E	85.5	186.6	3.211	-27.30	69.8	S0312	.03090	8.5345	0.6	V
9045	27309.56	12 49N	44 48E	86.4	186.6	3.439	-27.30	69.8	S0312	.03090	8.3778	0.6	A
9046	27336.76	10 26N	45 0E	79.5	186.5	3.439	-3.50	69.6	S0312	.02200	9.0869	1.2	F
9047	27340.16	10 26N	44 59E	78.7	186.5	3.439	-3.15	69.6	S0312	.02200	9.2849	0.6	V
9048	27343.16	10 25N	44 59E	79.7	186.5	3.439	-2.80	69.6	S0312	.01680	9.0457	0.6	A
9049	27352.16	9 39N	44 25E	82.3	186.5	3.439	-21.00	68.9	S0312	.03090	8.8726	0.6	V
9050	27355.36	9 38N	44 25E	83.1	186.5	3.439	-20.30	68.9	S0312	.03090	8.6994	0.4	A
9051	27417.56	5 15N	44 41E	90.0	186.5	2.872	21.70	67.7	S0312	.03090	7.9655	0.6	A
221 5001	31955.15	57 41N	34 6E	79.3	192.1	1.810	-17.85	46.6	S0255	.03150	9.1024	0.6	F
5002	31957.95	57 41N	34 6E	78.2	192.0	1.810	-17.50	46.6	S0255	.03150	9.3662	0.6	V
5003	32011.75	53 40N	33 22E	75.8	190.9	2.170	4.20	50.2	S0255	.03150	9.5394	1.0	F
5004	32017.35	53 40N	33 21E	75.9	190.8	2.170	4.55	50.2	S0255	.03150	9.5394	0.8	A
5005	32060.35	50 38N	32 16E	74.8	190.1	2.385	5.60	52.9	S0255	.03150	9.7950	0.6	V
5006	32063.15	50 37N	32 16E	75.8	190.1	2.385	5.95	52.9	S0255	.03150	9.5641	0.6	A
9001	31854.75	64 36N	39 50E	83.5	195.0	1.475	19.60	40.4	S0312	.04090	8.6582	0.8	A
9002	31930.35	59 20N	36 42E	84.3	192.7	1.810	24.15	45.3	S0312	.04090	8.6911	0.6	V
9003	31947.95	58 24N	33 56E	83.8	192.3	1.687	-27.30	45.8	S0312	.04090	8.7241	0.4	V
9004	31954.95	57 41N	34 6E	79.3	192.1	1.810	-17.85	46.5	S0312	.04090	9.1034	0.6	F
9005	31957.95	57 40N	34 6E	78.2	192.0	1.810	-17.50	46.6	S0312	.04090	9.3673	0.6	V
9006	31960.75	57 41N	34 6E	78.9	192.0	1.810	-17.15	46.6	S0312	.04090	9.1859	0.6	A
9007	31945.35	55 51N	32 56E	82.4	191.4	1.810	-26.25	48.1	S0312	.04090	8.8643	0.4	V
9008	31992.75	55 6N	33 15E	77.0	191.3	2.033	-12.60	48.9	S0312	.04090	9.3756	0.4	F
9009	31995.55	55 6N	33 15E	76.0	191.2	2.033	-12.25	48.9	S0312	.04090	9.6394	0.4	V
9010	32005.15	54 17N	34 26E	83.8	191.1	2.033	24.85	49.9	S0312	.04090	8.7406	0.4	V
9011	32011.75	53 45N	33 22E	75.9	190.9	2.170	4.20	50.2	S0312	.04090	9.5405	0.8	F
9012	32017.15	53 40N	33 21E	75.9	190.8	2.170	4.55	50.2	S0312	.04090	9.5405	1.0	A
9013	32035.15	52 29N	31 34E	83.8	190.5	1.810	-29.05	51.0	S0312	.03090	8.7159	0.6	V
9014	32038.35	52 28N	31 34E	84.6	190.5	2.033	-29.05	51.0	S0312	.03090	8.5674	0.4	A
9015	32051.15	51 7N	31 53E	75.8	190.3	2.170	-10.15	52.4	S0312	.04090	9.5322	1.0	F
9016	32057.55	50 58N	32 16E	75.7	190.2	2.385	5.25	52.9	S0312	.04090	9.5735	0.6	F
9017	32060.35	50 57N	32 16E	74.8	190.1	2.385	5.60	52.9	S0312	.04090	9.7961	0.6	V
9018	32063.15	50 57N	32 15E	75.7	190.1	2.385	5.95	52.9	S0312	.04090	9.5652	0.6	A
9019	32076.95	49 28N	32 2E	75.9	189.9	2.385	10.50	54.0	S0312	.04090	9.6559	0.4	V
9020	32082.35	48 51N	32 14E	82.7	189.8	2.385	22.75	54.6	S0312	.03090	8.7736	0.4	F
9021	32085.15	48 51N	32 19E	82.1	189.8	2.170	23.45	54.6	S0312	.03090	8.9385	0.4	V
9022	32088.75	48 46N	32 23E	85.0	189.7	2.170	27.30	54.9	S0312	.03090	8.6334	0.8	V
9023	32091.95	48 35N	32 24E	86.6	189.7	2.170	28.00	54.9	S0312	.03090	8.3531	1.6	A
9024	32101.55	47 49N	31 14E	74.0	189.6	2.385	2.45	55.3	S0312	.04090	9.8951	0.4	V
9025	32104.15	47 50N	31 14E	74.9	189.5	2.385	2.80	55.3	S0312	.04090	9.6642	0.4	A
9026	32108.55	47 11N	30 49E	74.6	189.5	2.385	-4.55	55.8	S0312	.04090	9.6972	0.6	F
9027	32111.35	47 11N	30 49E	73.7	189.5	2.385	-4.20	55.8	S0312	.04090	9.9363	0.6	V
9028	32118.15	46 51N	30 43E	74.6	189.4	2.511	-1.40	56.3	S0312	.04090	9.7054	1.8	F
9029	32123.75	46 30N	30 43E	74.5	189.3	2.511	-0.70	56.4	S0312	.04090	9.7136	3.2	A
9030	32371.95	29 20N	25 31E	88.7	187.4	2.511	-35.70	67.6	S0312	.01680	8.2376	1.0	V
9031	32610.35	12 40N	24 10E	92.7	186.6	2.511	30.80	71.2	S0312	.01680	7.8830	0.6	V
9032	32626.35	12 6N	22 25E	90.2	186.6	3.439	-32.20	69.4	S0312	.03090	8.0480	0.6	A
9033	32645.15	10 16N	22 43E	79.8	186.5	3.574	-9.80	69.4	S0312	.03090	9.0540	1.0	F
9034	33011.75	14 38S	17 40E	103.9	186.6	3.211	-30.80	51.8	S0312	.03090	6.9677	0.6	V
9035	33015.55	14 38S	17 39E	105.2	186.7	3.439	-30.80	51.9	S0312	.03090	6.8275	0.6	A
9036	33033.95	16 11S	17 41E	98.0	186.7	3.439	-21.70	50.7	S0312	.03090	7.3365	0.8	V
9037	33049.55	17 01S	17 43E	96.0	186.7	3.439	-12.60	49.7	S0312	.02200	7.4625	0.8	F
9038	33057.75	17 31S	17 11E	105.3	186.8	3.439	-28.35	49.4	S0312	.02200	6.8028	1.0	A
9039	33063.95	18 28S	17 4E	104.5	186.8	3.211	-26.95	48.6	S0312	.03090	6.8193	0.8	F
9040	33067.75	18 28S	17 4E	103.4	186.8	3.439	-26.95	48.6	S0312	.03090	7.0007	0.6	V
9041	33072.95	18 35S	17 10E	101.9	186.8	3.439	-22.75	48.6	S0312	.03090	7.0254	0.8	A
222 9001	37084.55	69 40N	18 59E	86.5	198.5	0.986	-25.90	35.4	S0312	.04090	8.4438	0.6	V
9002	37110.15	67 52N	20 16E	82.8	197.2	1.332	16.80	37.3	S0312	.03090	8.7241	0.6	A
9003	37126.55	66 50N	17 45E	79.5	196.4	1.332	-10.85	38.0	S0312	.04090	9.1054	0.6	A
9004	37138.75	66 9N	17 11E	79.0	195.9	1.475	-9.80	38.8	S0312	.03090	9.1612	0.6	A
9005	37183.95	63 12N	14 41E	81.3	194.2	1.475	-19.25	41.5	S0312	.04090	8.8973	0.6	A
9006	37220.35	60 31N	15 27E	86.7	193.1	1.687	25.90	44.2	S0312	.04090	8.3201	0.6	A
9007	37234.95	59 21N	14 36E	82.8	192.7	1.810	22.05	45.3	S0312	.04090	8.8478	0.6	V
9008	37239.55	59 10N	14 27E	82.8	192.6	1.810	20.65	45.4	S0312	.04090	8.7324	0.6	A
9009	37261.95	57 44N	11 59E	78.5	192.0	1.810	-18.20	46.5	S0312	.04090	9.3096	0.6	V
9010	37264.75	57 44N	11 59E	79.2	192.0	1.810	-17.85	46.5	S0312	.04090	9.1364	0.6	A
9011	37286.55	55 42N	12 36E	80.3	191.5	2.170	16.80	48.6	S0312	.04090	9.0292	0.4	F
9012	37289.35	55 43N	12 36E	79.4	191.5	2.170	17.15	48.6	S0312	.04090	9.2271	0.4	V
9013	37299.35	55 22N	11 9E	77.6	191.3	2.033	-14.70	48.7	S0312	.04090	9.3343	1.0	A
9014	37388.55	48 55N	8 47E	77.9	189.8	2.170	-18.20	54.2	S0312	.04090	9.2601	1.0	F

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
222 9015	37394.15	48 35N	8 46E	77.6	189.7	2.385	-17.85	54.2	S0312	.0409U	9.3426	0.8	A
9016	37541.15	36 35N	6 55E	85.4	188.1	2.511	26.95	64.1	S0312	.0409U	8.5180	1.0	F
9017	37564.35	36 35N	6 55E	84.8	188.0	2.511	27.30	64.1	S0312	.0409U	8.6582	0.8	V
9018	37569.35	36 25N	6 37E	81.3	188.0	2.733	21.70	64.4	S0312	.0309U	8.9385	0.6	F
9019	37572.35	36 25N	6 37E	80.7	188.0	2.511	22.40	64.4	S0312	.0309U	9.0952	0.6	V
9020	37576.55	36 15N	6 38E	82.8	188.0	2.511	24.15	64.5	S0312	.0220U	8.7159	0.6	A
9021	37578.55	36 9N	6 36E	82.8	187.9	2.511	24.15	64.6	S0312	.0309U	8.7241	0.6	A
9022	37584.55	35 54N	6 12E	76.5	187.9	2.733	15.05	64.9	S0312	.0309U	9.5735	0.6	V
9023	37587.35	35 54N	6 12E	77.6	187.9	2.733	15.40	64.9	S0312	.0309U	9.3013	0.6	A
9024	37593.75	34 59N	5 39E	73.4	187.8	2.872	-0.35	65.0	S0312	.0309U	9.9858	0.9	V
9025	37601.75	34 49N	5 2E	76.5	187.8	2.872	-19.25	65.1	S0312	.0309U	9.5817	1.0	V
9026	37609.75	34 12N	4 29E	87.0	187.7	2.733	-33.95	65.0	S0312	.0309U	8.3366	1.0	A
9027	37614.95	33 50N	4 30E	84.5	187.7	2.733	-31.15	65.3	S0312	.0309U	8.5839	1.0	A
9028	37636.75	31 39N	5 21E	77.0	187.6	2.872	14.00	67.1	S0312	.0309U	9.5240	0.6	V
9029	37639.55	31 39N	5 21E	78.1	187.6	2.872	14.35	67.1	S0312	.0309U	9.2519	0.6	A
224 9001	48886.15	12 0S	48 32W	114.6	186.6	3.211	-40.60	53.8	S0312	.0220U	6.3163	1.0	V
9002	48900.75	13 19S	48 5W	97.1	186.6	3.439	-22.05	53.1	S0312	.0309U	7.3635	1.0	F
9003	48907.15	13 30S	48 14W	98.6	186.6	3.439	-25.55	52.9	S0312	.0309U	7.3478	1.0	V
9004	48917.95	14 8S	47 37W	92.8	186.6	3.439	0.35	52.8	S0312	.0309U	7.6934	1.0	A
9005	48921.95	14 22S	47 39W	92.9	186.6	3.439	1.05	52.6	S0312	.0309U	7.6851	1.0	A
9006	48937.35	15 53S	47 57W	93.3	186.7	3.439	-1.40	51.3	S0312	.0309U	7.6851	0.6	F
9007	48944.15	15 83S	47 57W	93.8	186.7	3.439	-0.35	51.3	S0312	.0309U	7.6027	0.6	A
225 9001	54200.14	13 19S	68 29W	114.2	186.6	2.385	33.60	54.1	S0312	.0220U	6.3080	1.0	F
9002	54229.94	15 11S	69 45W	92.2	186.6	3.211	5.25	52.0	S0312	.0309U	7.7923	0.6	F
9003	54237.94	15 28S	70 8W	90.7	186.7	3.439	-6.30	51.5	S0312	.0309U	7.9902	0.6	V
9004	54240.94	15 47S	70 9W	92.0	186.7	3.439	-6.65	51.6	S0312	.0309U	7.7676	0.9	A
9005	54246.14	15 49S	70 0W	92.3	186.7	3.439	1.05	51.4	S0312	.0309U	7.7264	1.2	A
9006	54255.74	16 45S	69 52W	94.4	186.7	3.090	11.55	50.7	S0312	.0309U	7.6686	0.6	V
9007	54266.74	17 39S	70 51W	98.0	186.7	3.439	-17.85	49.5	S0312	.0309U	7.2976	0.8	F
9008	54277.34	17 58S	70 15W	96.2	186.8	3.211	5.95	49.6	S0312	.0220U	7.3965	2.0	A
9009	54282.54	18 19S	70 19W	97.1	186.8	3.211	5.60	49.3	S0312	.0309U	7.3305	1.2	A
9010	54301.74	20 11S	70 8W	106.2	186.8	2.733	21.35	47.9	S0312	.0309U	6.7933	1.2	F
9011	54306.14	20 14S	70 5W	107.0	186.8	2.511	23.80	47.9	S0312	.0220U	6.7533	1.0	V
9012	54312.54	20 24S	69 36W	124.8	186.9	1.810	36.40	48.0	S0312	.0220U	5.6731	0.6	A
9013	54323.94	21 28S	70 4W	114.4	186.9	2.385	29.40	46.9	S0312	.0309U	6.3080	1.0	V
9014	54328.94	22 7S	70 3W	119.2	186.9	2.385	32.20	46.4	S0312	.0220U	6.0194	1.0	F
9015	54337.54	22 41S	70 16W	116.5	186.9	2.385	29.40	45.8	S0312	.0309U	6.1514	0.8	F
9016	54339.34	22 48S	70 17W	116.6	186.9	2.385	29.40	45.7	S0312	.0309U	6.1514	1.0	F
9017	54348.34	23 25S	70 26W	115.9	187.0	2.511	28.35	45.1	S0312	.0220U	6.1926	1.0	F
9018	54352.14	23 41S	70 25W	118.0	187.0	2.511	29.75	44.9	S0312	.0309U	6.0854	0.8	F
9019	54356.94	23 58S	70 26W	117.5	187.0	2.170	29.40	45.1	S0312	.0220U	6.0277	1.0	A
226 9001	58724.34	40 27N	79 57W	101.2	188.5	1.810	41.65	61.8	S0312	.0220U	7.2481	3.0	V
9002	59082.94	15 47N	86 51W	78.4	186.7	3.439	-12.25	70.8	S0312	.0309U	9.2024	1.0	F
9003	59090.54	15 48N	87 21W	87.1	186.7	3.211	-29.75	70.3	S0312	.0309U	8.3366	0.6	A
9004	59128.14	12 38N	87 7W	78.7	186.6	3.439	0.35	70.4	S0312	.0309U	9.1859	0.6	F
9005	59130.94	12 34N	87 7W	77.9	186.6	3.439	0.70	70.4	S0312	.0309U	9.3756	0.6	V
9006	59135.74	12 40N	87 10W	78.9	186.6	3.439	0.35	70.4	S0312	.0409U	9.1282	0.6	A
9007	59314.54	0 46S	90 16W	96.8	186.4	3.211	-32.20	62.9	S0312	.0309U	7.3965	0.8	F
9008	59327.34	0 53S	89 33W	83.7	186.4	3.439	-2.45	63.2	S0312	.0409U	8.6994	0.6	V
9009	59330.54	0 53S	89 35W	84.8	186.4	3.439	-3.50	63.2	S0312	.0309U	8.4767	0.8	A
227 5001	64216.94	27 44N	107 23W	87.1	187.2	2.733	-34.65	68.6	S0255	.0226U	8.2696	1.0	F
5002	64220.14	27 48N	107 23W	85.9	187.2	2.733	-34.30	68.6	S0255	.0226U	8.5170	0.8	V
5003	64229.34	26 54N	107 21W	82.4	187.2	2.872	-28.70	69.0	S0255	.0226U	8.7478	1.0	F
5004	64244.54	25 31N	106 0W	87.7	187.1	2.511	30.80	70.6	S0255	.0226U	8.3438	1.0	V
5005	64247.74	25 21N	106 0W	89.3	187.1	2.511	31.15	70.6	S0255	.0226U	8.0800	1.0	A
5006	64260.94	24 5N	105 54W	101.9	187.1	2.385	40.25	71.4	S0255	.0171U	7.1318	0.8	F
5007	64265.54	24 3N	106 11W	92.5	187.0	2.385	33.95	71.2	S0255	.0171U	7.8986	0.8	V
5008	64266.94	24 3N	106 11W	94.2	187.0	2.385	34.30	71.2	S0255	.0171U	7.6430	0.8	A
5009	64273.74	23 47N	106 2W	102.2	187.0	2.170	40.60	71.6	S0255	.0171U	7.1648	0.8	V
5010	64277.54	23 47N	106 2W	104.2	187.0	2.170	40.95	71.6	S0255	.0171U	6.9174	0.8	A
9001	64201.54	28 26N	106 52W	79.6	187.3	2.872	-25.20	68.3	S0312	.0309U	9.0457	1.0	F
9002	64204.74	28 25N	106 53W	78.6	187.3	2.872	-24.85	68.3	S0312	.0309U	9.3096	0.4	V
230 9001	81153.33	41 46S	174 12E	117.1	186.6	2.511	5.25	27.7	S0312	.0309U	6.0194	0.6	A
231 9001	84896.13	64 47N	177 55E	78.2	195.3	1.475	1.05	40.3	S0312	.0409U	9.2354	0.6	F
9002	84899.73	64 45N	177 45E	77.2	195.2	1.475	-1.05	40.3	S0312	.0409U	9.4828	0.6	V
9003	84902.53	64 45N	177 46E	78.0	195.1	1.475	-0.70	40.3	S0312	.0409U	9.2766	0.6	A
232 9001	3715.52	70 39N	162 24E	84.1	199.8	1.113	18.90	34.7	S0312	.0309U	8.6994	0.4	V
9002	3718.52	70 40N	162 24E	85.0	199.6	1.113	18.90	34.7	S0312	.0309U	8.5015	0.4	A
9003	4122.92	43 28N	145 58E	80.0	188.8	2.385	-25.90	58.7	S0312	.0409U	9.1529	0.4	V
9004	4125.72	43 28N	145 58E	80.7	188.8	2.385	-25.55	58.7	S0312	.0409U	8.9962	0.4	A
233 5001	9475.72	40 11N	124 31E	82.5	188.4	2.511	24.85	61.9	S0255	.0171U	8.8962	0.8	V

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
233 5002	9478.72	40 11N	124 31E	83.8	188.4	2.511	25.20	61.9	S0255	.01710	8.6324	0.8	A
9001	9281.92	53 47N	127 12E	78.8	190.8	2.033	-19.25	50.2	S0312	.03090	9.1941	0.8	A
9002	9299.12	52 6N	128 6E	81.3	190.5	2.170	20.30	52.0	S0312	.04090	8.9303	0.4	F
9003	9301.92	52 4N	128 5E	80.3	190.5	2.170	20.30	52.0	S0312	.04090	9.1364	0.4	V
9004	9305.52	51 46N	128 9E	82.8	190.4	2.170	24.15	52.3	S0312	.03090	8.8561	0.8	V
9005	9308.52	51 48N	128 9E	84.0	190.4	2.170	24.50	52.3	S0312	.03090	8.6087	1.0	A
9006	9313.12	51 16N	128 2E	84.1	190.3	2.170	25.90	52.8	S0312	.03090	8.7241	0.8	V
9007	9316.12	51 17N	128 1E	85.0	190.3	2.170	25.90	52.8	S0312	.03090	8.5097	0.8	A
9008	9322.92	50 56N	127 52E	85.7	190.2	2.033	28.00	53.4	S0312	.03090	8.5592	1.0	V
9009	9327.52	50 18N	127 34E	82.3	190.1	2.033	23.80	53.6	S0312	.04090	8.9055	0.6	V
9010	9330.52	50 18N	127 34E	83.5	190.0	2.033	24.15	53.6	S0312	.04090	8.6582	0.6	A
9011	9333.92	49 59N	127 21E	80.9	190.0	2.033	22.05	53.9	S0312	.03090	9.0540	0.8	V
9012	9336.92	49 59N	127 20E	81.9	190.0	2.033	22.05	53.9	S0312	.03090	8.8313	0.6	A
9013	9349.12	49 15N	125 18E	83.3	189.8	2.170	-28.70	54.0	S0312	.03090	8.7159	0.4	A
9014	9372.52	47 26N	126 53E	89.1	189.5	2.033	31.15	56.1	S0312	.02200	8.1057	0.4	A
9015	9408.12	45 7N	124 51E	74.4	189.1	2.511	-7.00	57.6	S0312	.04090	9.7466	0.6	A
9016	9419.32	43 56N	125 20E	79.4	189.0	2.511	18.20	58.9	S0312	.03090	9.1529	1.2	F
9017	9424.72	43 24N	124 49E	74.8	188.9	2.733	5.25	59.0	S0312	.04090	9.6889	0.6	F
9018	9430.72	43 12N	124 18E	74.4	188.8	2.733	-8.75	59.2	S0312	.03090	9.7136	1.0	F
9019	9436.12	43 12N	124 18E	74.3	188.8	2.733	-7.70	59.2	S0312	.03090	9.7631	0.8	A
9020	9442.92	42 23N	123 52E	76.0	188.7	2.511	-15.75	59.7	S0312	.03090	9.4992	0.4	F
9021	9450.12	41 54N	123 27E	80.3	188.6	2.305	-24.85	60.0	S0312	.02200	8.9880	0.8	F
9022	9451.72	41 48N	123 25E	80.3	188.6	2.385	-24.85	60.0	S0312	.02200	8.9880	0.6	F
9023	9455.92	41 54N	123 26E	79.9	188.6	2.385	-24.15	60.0	S0312	.03090	9.0952	0.8	A
9024	9461.72	41 6N	122 51E	88.8	188.5	2.170	-35.35	60.4	S0312	.02200	8.1222	0.6	F
9025	9475.72	40 11N	124 31E	82.5	188.4	2.511	24.85	61.9	S0312	.02200	8.8973	0.8	V
9026	9478.72	40 11N	124 31E	83.7	188.4	2.511	25.20	61.9	S0312	.02200	8.6334	0.8	A
9027	9481.72	39 59N	124 27E	83.7	188.4	2.511	25.20	62.0	S0312	.03090	8.6334	0.4	A
9028	9483.72	39 50N	124 25E	83.7	188.4	2.511	25.20	62.1	S0312	.04090	8.6334	0.6	A
9029	9493.32	39 6N	123 10E	73.7	188.3	2.733	-10.85	62.2	S0312	.03090	9.9363	1.0	V
9030	9496.52	39 3N	123 10E	74.5	188.2	2.733	-10.50	62.3	S0312	.03090	9.7384	0.4	A
9031	9515.12	37 25N	122 40E	75.6	188.1	2.733	-14.70	63.4	S0312	.03090	9.5652	0.4	F
9032	9517.92	37 25N	122 40E	74.6	188.1	2.733	-14.35	63.4	S0312	.03090	9.8208	0.4	V
9033	9520.52	37 25N	122 40E	75.4	188.1	2.733	-14.00	63.4	S0312	.03090	9.6229	0.4	A
9034	9523.32	37 14N	122 38E	75.5	188.0	2.733	-14.00	63.5	S0312	.03090	9.6147	0.6	A
9035	9590.72	32 26N	121 18E	78.7	187.6	2.872	-23.80	66.4	S0312	.03090	9.3013	0.4	V
9036	9598.92	31 49N	121 40E	73.4	187.6	3.090	-4.90	67.1	S0312	.03090	9.9775	0.4	V
9037	9602.52	31 23N	121 30E	74.6	187.5	3.090	-8.40	67.2	S0312	.04090	9.6972	1.2	F
9038	9607.52	31 14N	121 23E	74.2	187.5	3.090	-11.20	67.3	S0312	.03090	9.8703	0.4	V
9039	9610.32	31 14N	121 23E	75.1	187.5	3.090	-10.85	67.3	S0312	.02200	9.6559	0.4	A
234 5001	14600.32	52 37N	104 33E	80.5	190.6	2.033	-22.75	51.2	S0255	.02260	8.9540	0.6	F
5002	14603.12	52 38N	104 32E	79.6	190.6	2.033	-22.75	51.2	S0255	.02260	9.2013	0.6	V
5003	14609.12	52 40N	103 53E	90.6	190.5	1.810	-35.70	51.2	S0255	.02260	8.0388	0.8	A
5004	14799.12	38 58N	101 9E	73.2	188.3	2.733	-7.35	62.4	S0255	.02260	9.8939	0.6	F
5005	14804.52	38 58N	101 8E	73.2	188.2	2.733	-6.65	62.4	S0255	.02260	9.9104	0.4	A
5006	15121.52	16 47N	96 10E	82.5	186.7	3.211	-23.45	70.7	S0255	.02260	8.7478	0.4	F
5007	15127.52	16 47N	96 10E	82.3	186.7	3.439	-22.75	70.7	S0255	.02260	8.8303	0.4	A
9001	14521.92	57 47N	108 4E	78.4	192.2	2.033	11.90	46.9	S0312	.03090	9.2271	0.4	F
9002	14531.32	57 17N	106 34E	78.6	191.9	1.810	-17.85	47.1	S0312	.04090	9.1859	0.8	F
9003	14536.92	57 16N	106 33E	78.3	191.8	1.810	-17.50	47.1	S0312	.04090	9.2519	1.0	A
9004	14600.32	52 37N	104 33E	80.6	190.6	2.033	-22.75	51.2	S0312	.03090	8.9550	0.4	F
9005	14603.12	52 37N	104 32E	79.6	190.6	2.033	-22.75	51.2	S0312	.03090	9.2024	0.6	V
9006	14613.12	52 12N	103 59E	86.5	190.4	2.033	-31.85	51.5	S0312	.03090	8.3943	0.6	A
9007	14618.12	51 46N	104 6E	80.6	190.3	2.033	-25.20	52.1	S0312	.04090	9.0869	1.4	V
9008	14621.72	51 34N	104 3E	81.4	190.3	2.033	-25.55	52.1	S0312	.04090	8.9138	1.8	A
9009	14696.72	46 23N	102 51E	75.3	189.3	2.511	-15.40	56.5	S0312	.04090	9.6312	0.6	A
9010	14698.32	46 16N	102 49E	75.3	189.3	2.511	-15.40	56.6	S0312	.04090	9.6312	0.6	A
9011	14747.32	43 1N	101 17E	86.6	188.7	2.385	-33.25	59.0	S0312	.02200	8.3860	0.6	A
9012	14767.32	41 25N	102 52E	86.1	188.6	2.170	29.40	61.0	S0312	.03090	8.3778	0.4	A
9013	14799.12	38 50N	101 8E	73.2	188.3	2.733	-7.35	62.4	S0312	.03090	9.8951	0.6	F
9014	14804.32	38 50N	101 8E	73.1	188.2	2.733	-6.65	62.4	S0312	.03090	9.9115	0.6	A
9015	15065.92	20 56N	97 45E	78.0	186.9	3.090	10.85	71.4	S0312	.03090	9.2436	1.0	A
9016	15078.32	19 43N	97 13E	76.3	186.8	3.439	-2.80	71.2	S0312	.03090	9.4828	1.2	F
9017	15089.72	18 59N	96 27E	84.4	186.8	3.090	-27.65	70.6	S0312	.03090	8.5345	1.2	F
9018	15094.92	19 3N	96 25E	85.3	186.8	3.090	-28.70	70.6	S0312	.03090	8.4932	0.8	A
9019	15107.12	18 4N	97 26E	83.5	186.8	2.872	19.95	71.7	S0312	.03090	8.6169	0.8	A
9020	15121.12	16 49N	96 10E	82.5	186.7	3.211	-23.45	70.7	S0312	.03090	8.7489	1.2	F
9021	15127.52	16 47N	96 10E	82.2	186.7	3.439	-22.75	70.7	S0312	.03090	8.8313	0.4	A
235 5001	19847.71	56 43N	84 57E	75.0	191.7	2.033	0.00	47.8	S0255	.03150	9.7702	0.6	V
5002	19851.51	56 39N	84 53E	75.8	191.6	2.033	-0.35	47.9	S0255	.03150	9.5641	0.8	A
5003	19870.31	55 7N	83 1E	85.7	191.3	1.687	-29.75	49.0	S0255	.02260	8.4098	1.0	F
5004	19876.71	55 0N	82 60E	85.5	191.1	1.687	-29.40	49.0	S0255	.02260	8.5005	0.8	A
5005	19954.71	49 17N	81 54E	74.7	189.9	2.385	-7.70	54.2	S0255	.03150	9.6713	0.4	F
5006	19957.31	49 16N	81 54E	73.8	189.8	2.385	-7.35	54.2	S0255	.03150	9.9269	0.4	V
5007	20233.11	30 24N	76 50E	76.0	187.4	2.872	-17.50	67.6	S0255	.01710	9.6301	0.8	V
5008	20393.91	19 0N	74 46E	77.2	186.8	3.211	-12.25	71.0	S0255	.02260	9.3497	1.0	F
5009	20399.51	19 0N	74 46E	77.2	186.8	3.439	-11.55	71.0	S0255	.02260	9.3745	0.8	A
9001	19841.51	56 52N	85 39E	79.3	191.9	2.033	14.70	47.7	S0312	.04090	9.1364	0.8	F
9002	19867.51	55 16N	83 6E	85.6	191.3	1.687	-29.40	48.8	S0312	.03090	8.4190	0.8	F
9003	19870.31	55 6N	83 0E	85.9	191.3	1.687	-29.75	49.0	S0312	.03090	8.4108	1.0	F
9004	19872.11	54 59N	82 58E	85.9	191.2	1.687	-29.75	49.1	S0312	.03090	8.3860	0.4	F

Handle via
BYEMAN Channels
BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
235 9005	19876.51	55 6N	82 60E	85.4	191.1	1.687	-29.40	49.0	S0312	.03090	8.5015	0.8	A
9006	19879.11	54 60N	82 57E	85.5	191.1	1.687	-29.40	49.1	S0312	.03090	8.4450	0.6	A
9007	19885.11	53 20N	83 22E	75.3	190.8	2.170	-5.60	50.8	S0312	.03090	9.5982	0.6	F
9008	19900.51	53 20N	83 22E	75.2	190.7	2.170	-4.90	50.8	S0312	.03090	9.6394	0.6	A
9009	19907.31	52 59N	83 29E	74.7	190.6	2.170	4.90	51.4	S0312	.04090	9.8166	0.4	V
9010	19910.11	52 59N	83 29E	75.6	190.6	2.170	5.25	51.4	S0312	.04090	9.5817	0.4	A
9011	19916.71	52 17N	82 38E	76.7	190.4	2.170	-14.35	51.6	S0312	.04090	9.4663	0.4	A
9012	19917.91	52 12N	82 36E	76.6	190.4	2.170	-14.35	51.7	S0312	.04090	9.4663	0.6	A
9013	19925.91	51 57N	82 37E	75.3	190.3	2.170	-8.75	52.2	S0312	.03090	9.6229	0.4	A
9014	19944.71	49 17N	81 54E	74.7	189.9	2.385	-7.70	54.2	S0312	.04090	9.6724	0.4	F
9015	19947.31	49 17N	81 54E	73.8	189.8	2.385	-7.35	54.2	S0312	.04090	9.9280	0.4	V
9016	19949.91	49 16N	81 53E	74.6	189.8	2.385	-7.35	54.2	S0312	.04090	9.7136	0.6	A
9017	19961.71	49 11N	81 51E	74.6	189.8	2.385	-7.35	54.3	S0312	.04090	9.7136	0.4	A
9018	19969.31	48 46N	80 52E	84.4	189.7	2.170	-30.45	54.4	S0312	.03090	8.6087	0.4	A
9019	20131.11	37 37N	78 16E	77.8	188.1	2.733	-22.05	63.2	S0312	.02200	9.3261	0.4	A
9020	20160.11	35 25N	77 57E	72.7	187.9	2.733	-16.45	64.7	S0312	.02200	10.0930	0.8	V
9021	20168.31	34 41N	77 24E	81.7	187.8	2.511	-29.75	65.0	S0312	.02200	8.8231	1.0	F
9022	20181.51	33 56N	77 46E	73.8	187.7	2.872	-10.85	65.8	S0312	.02200	9.9178	0.4	V
9023	20184.11	33 56N	77 45E	74.6	187.7	2.872	-10.50	65.8	S0312	.02200	9.7054	0.6	A
9024	20206.11	32 0N	76 37E	88.4	187.6	2.385	-35.70	66.4	S0312	.02200	8.1469	0.6	F
9025	20212.11	32 0N	76 33E	90.0	187.6	2.733	-37.45	66.3	S0312	.02200	8.0727	0.6	A
9026	20216.11	31 24N	76 22E	92.3	187.5	2.511	-38.50	66.7	S0312	.02200	7.7841	1.0	F
9027	20222.71	31 24N	76 22E	91.8	187.5	2.733	-38.15	66.7	S0312	.02200	7.9160	1.0	A
9028	20229.91	30 29N	76 51E	76.8	187.5	2.872	-17.15	67.6	S0312	.03090	9.4803	1.0	F
9029	20233.11	30 24N	76 49E	76.0	187.4	2.872	-17.50	67.6	S0312	.02200	9.6512	1.0	V
9030	20246.31	29 58N	76 59E	74.5	187.4	3.090	-4.90	68.3	S0312	.02200	9.7136	0.6	A
9031	20253.91	28 42N	77 7E	75.7	187.3	3.090	7.00	68.9	S0312	.02200	9.5735	0.6	F
9032	20258.91	28 31N	77 15E	77.4	187.3	2.872	14.70	69.1	S0312	.03090	9.4745	0.6	V
9033	20261.71	28 22N	77 15E	78.5	187.3	2.872	15.05	69.1	S0312	.03090	9.2024	0.6	A
9034	20273.71	27 36N	76 40E	73.9	187.2	3.090	-1.05	69.3	S0312	.03090	9.9115	0.6	V
9035	20276.51	27 30N	76 39E	74.8	187.2	3.090	-0.70	69.3	S0312	.03090	9.6642	0.6	A
9036	20285.11	26 51N	75 48E	82.1	187.2	2.872	-28.35	69.0	S0312	.03090	8.9303	0.6	V
9037	20312.91	24 54N	75 36E	78.6	187.1	3.090	-22.05	69.8	S0312	.03090	9.3096	0.6	V
9038	20315.91	24 54N	75 36E	79.5	187.1	3.090	-21.70	69.8	S0312	.03090	9.1282	0.4	A
9039	20330.51	23 49N	75 25E	78.5	187.0	3.090	-19.25	70.3	S0312	.03090	9.1941	1.2	F
9040	20342.91	22 43N	75 46E	75.8	187.0	3.211	2.10	70.9	S0312	.03090	9.5652	0.8	F
9041	20348.51	22 34N	75 46E	76.0	186.9	3.211	3.15	71.0	S0312	.03090	9.5075	0.8	A
9042	20393.91	19 6N	74 46E	77.2	186.8	3.211	-12.25	71.0	S0312	.03090	9.3508	0.6	F
9043	20399.51	19 6N	74 46E	77.2	186.8	3.439	-11.55	71.0	S0312	.03090	9.3756	0.8	A
9044	20425.91	17 19N	74 10E	81.7	186.7	3.439	-22.75	70.7	S0312	.03090	8.8643	0.8	A
9045	20453.71	15 24N	73 50E	82.3	186.7	3.439	-22.05	70.5	S0312	.02200	8.7983	0.6	A
9046	20461.51	14 49N	74 7E	78.1	186.6	3.439	-5.95	70.8	S0312	.04090	9.2436	0.4	A
236 5001	25206.11	53 4N	60 26E	81.0	190.7	1.810	-23.80	50.9	S0255	.03150	8.9045	0.4	F
5002	25208.91	53 5N	60 26E	79.9	190.7	1.810	-23.45	50.9	S0255	.03150	9.1601	0.4	V
5003	25231.11	51 10N	60 37E	74.7	190.3	2.385	-3.15	52.6	S0255	.03150	9.6795	0.4	F
5004	25232.91	51 10N	60 37E	73.8	190.3	2.170	-2.45	52.6	S0255	.03150	9.9269	0.4	V
5005	25237.91	50 59N	60 32E	73.8	190.2	2.170	-1.75	52.8	S0255	.03150	9.9269	0.6	V
5006	25240.71	50 59N	60 32E	74.7	190.2	2.385	-1.75	52.9	S0255	.03150	9.7043	0.4	A
5007	25269.71	48 49N	58 5E	100.9	189.8	1.475	-43.40	54.3	S0255	.02260	7.1153	2.0	F
5008	25272.51	48 38N	58 2E	100.9	189.7	1.475	-43.40	54.4	S0255	.02260	7.1071	0.8	F
5009	25276.11	48 33N	58 0E	100.0	189.7	1.687	-43.75	54.4	S0255	.02260	7.3132	0.8	V
5010	25319.31	45 10N	59 19E	78.7	189.2	2.511	16.80	57.9	S0255	.02260	9.2178	0.8	F
5011	25324.91	45 10N	59 19E	79.1	189.1	2.385	17.50	57.9	S0255	.02260	9.1518	0.8	A
9001	25048.31	63 56N	67 6E	78.5	194.6	1.475	8.05	41.2	S0312	.03090	9.2189	0.4	A
9002	25202.71	53 16N	60 25E	82.4	190.8	1.810	-25.90	50.7	S0312	.04090	8.7406	0.4	F
9003	25205.91	53 5N	60 26E	81.1	190.7	1.810	-23.80	50.9	S0312	.04090	8.9055	0.4	F
9004	25208.91	53 4N	60 26E	79.9	190.7	1.810	-23.45	50.9	S0312	.04090	9.1642	0.4	V
9005	25211.71	53 0N	60 27E	80.4	190.6	2.033	-23.10	50.9	S0312	.04090	9.0210	0.6	A
9006	25213.11	52 57N	60 25E	80.4	190.6	2.033	-23.10	51.0	S0312	.04090	9.0210	1.2	A
9007	25215.31	52 48N	60 22E	80.4	190.6	2.033	-23.10	51.1	S0312	.04090	9.0292	0.4	A
9008	25219.91	52 32N	59 58E	85.1	190.5	2.033	-30.10	51.3	S0312	.03090	8.5345	0.4	A
9009	25231.11	51 10N	60 37E	74.7	190.3	2.385	-3.15	52.6	S0312	.04090	9.6807	0.4	F
9010	25233.91	51 10N	60 37E	73.8	190.3	2.170	-2.45	52.6	S0312	.04090	9.9280	0.4	V
9011	25235.11	51 10N	60 35E	73.8	190.2	2.170	-2.45	52.7	S0312	.04090	9.9198	0.4	V
9012	25237.91	50 59N	60 32E	73.8	190.2	2.170	-1.75	52.8	S0312	.04090	9.9280	0.4	V
9013	25240.71	50 58N	60 32E	74.6	190.2	2.385	-1.75	52.9	S0312	.04090	9.7054	0.4	A
9014	25319.11	45 10N	59 20E	78.8	189.2	2.511	16.80	57.9	S0312	.03090	9.2189	1.4	F
9015	25324.91	45 10N	59 19E	79.0	189.1	2.385	17.50	57.9	S0312	.03090	9.1529	1.2	A
9016	25542.71	29 59N	55 55E	86.0	187.4	2.511	30.10	68.7	S0312	.03090	8.5345	0.6	V
9017	25545.91	29 59N	55 55E	87.4	187.4	2.511	30.45	68.7	S0312	.03090	8.2541	0.6	A
9018	25562.31	28 46N	54 27E	79.1	187.3	3.090	-15.40	68.5	S0312	.03090	9.7549	1.2	V
9019	25580.11	27 43N	54 23E	74.9	187.2	3.211	-8.75	69.1	S0312	.03090	9.6642	0.8	A
9020	25583.91	27 32N	54 20E	74.2	187.2	3.211	-8.05	69.3	S0312	.03090	9.8703	1.0	V
9021	25591.51	26 54N	53 59E	77.2	187.2	3.090	-16.45	69.4	S0312	.02200	9.3591	1.0	F
9022	25605.11	25 54N	55 2E	88.8	187.1	2.511	29.40	70.6	S0312	.03090	8.1057	0.8	A
9023	25626.51	24 31N	53 43E	76.2	187.0	3.211	-10.50	70.2	S0312	.03090	9.4992	0.6	A
9024	25651.71	22 24N	53 16E	77.0	187.0	3.211	-13.30	70.7	S0312	.03090	9.3756	1.2	F
9025	25730.31	17 1N	51 49E	86.2	186.7	3.090	-29.75	70.5	S0312	.01680	8.3531	0.4	F
9026	25735.91	17 3N	51 51E	85.2	186.7	3.211	-28.35	70.6	S0312	.03090	8.5015	1.0	A
9027	25809.71	11 56N	51 15E	81.2	186.6	3.439	-16.10	69.8	S0312	.04090	8.8973	0.4	A
9028	26175.31	13 17S	48 26E	116.1	186.6	2.170	34.30	54.0	S0312	.02200	6.1184	1.0	A
9029	26341.31	25 10S	46 5E	118.6	187.1	2.385	28.70	43.4	S0312	.03090	6.0442	1.0	F
237 5001	30470.11	55 56N	38 8E	105.4	191.3	1.113	-44.80	48.2	S0255	.02260	6.8020	0.4	F

Handle via
BYEMAN Channels
BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
237 5002	30473.91	55 38N	38 9E	102.9	191.4	1.113	-43.40	48.4	S0255	.0226U	6.9752	1.2	F
5003	30477.91	55 36N	38 10E	100.7	191.3	1.332	-43.05	48.4	S0255	.0226U	7.2555	1.2	V
5004	30481.31	55 34N	38 8E	102.5	191.3	1.332	-43.40	48.4	S0255	.0226U	7.0823	1.0	A
5005	30489.11	54 56N	39 2E	80.9	191.4	2.033	-23.10	49.3	S0255	.0315U	8.9869	0.6	A
5006	30517.51	52 40N	39 27E	75.6	190.6	2.170	9.45	51.5	S0255	.0315U	9.6878	0.8	V
5007	30520.31	52 40N	39 27E	76.6	190.6	2.170	9.80	51.5	S0255	.0315U	9.4652	0.6	A
5008	30529.51	51 59N	39 9E	76.8	190.4	2.385	10.85	52.4	S0255	.0315U	9.4157	1.0	F
5009	30535.11	51 39N	39 9E	77.1	190.3	2.170	11.90	52.4	S0255	.0315U	9.3827	0.8	A
5010	30828.71	31 7N	33 50E	82.2	187.5	2.733	22.40	68.0	S0255	.0133U	8.8303	1.0	F
5011	30831.71	31 7N	33 50E	81.6	187.5	2.733	22.75	68.0	S0255	.0133U	8.9787	0.8	V
9001	30196.71	73 49N	54 46E	80.2	203.9	0.986	0.35	31.7	S0312	.0541U	8.9860	0.8	F
9002	30202.31	73 50N	54 47E	80.1	203.3	0.986	0.70	31.6	S0312	.0541U	9.0210	1.0	A
9003	30299.51	71 36N	52 30E	81.7	201.1	1.113	11.55	33.8	S0312	.0541U	8.8396	2.0	F
9004	30235.31	71 36N	52 31E	81.6	200.6	1.113	11.90	33.8	S0312	.0409U	8.8561	0.6	A
9005	30236.51	71 34N	52 25E	81.7	200.5	1.113	11.90	33.9	S0312	.0409U	8.8478	0.8	A
9006	30237.91	71 26N	52 18E	81.6	200.4	1.113	11.90	34.0	S0312	.0409U	8.8561	0.4	A
9007	30269.51	69 49N	49 24E	79.2	198.4	1.332	3.85	35.9	S0312	.0409U	9.1282	0.4	A
9008	30309.51	66 46N	47 48E	83.1	196.4	1.332	18.55	38.6	S0312	.0309U	8.6911	0.4	A
9009	30345.31	64 42N	43 24E	87.7	194.9	1.332	-29.05	40.4	S0312	.0409U	8.2459	0.4	A
9010	30397.51	61 5N	42 11E	78.5	193.2	1.687	-14.35	43.8	S0312	.0409U	9.2271	0.6	A
9011	30431.91	58 18N	41 40E	76.5	192.3	2.033	4.55	46.4	S0312	.0409U	9.4580	0.4	F
9012	30434.51	58 18N	41 40E	75.6	192.3	2.033	4.55	46.4	S0312	.0409U	9.6889	0.4	V
9013	30438.51	57 52N	41 16E	76.0	192.2	2.033	0.00	46.8	S0312	.0409U	9.5157	0.6	F
9014	30441.31	57 52N	41 16E	75.0	192.1	2.033	0.00	46.8	S0312	.0409U	9.7549	0.6	V
9015	30445.71	57 47N	40 58E	76.0	192.0	2.033	-5.60	46.8	S0312	.0409U	9.5322	0.4	A
9016	30528.91	51 41N	39 10E	76.9	190.4	2.385	10.85	52.4	S0312	.0409U	9.4168	1.4	F
9017	30534.31	51 42N	39 10E	77.1	190.3	2.170	11.90	52.4	S0312	.0409U	9.3438	1.6	A
9018	30546.31	50 48N	37 50E	76.4	190.2	2.170	-17.15	52.9	S0312	.0409U	9.5735	0.4	V
9019	30554.31	50 20N	36 56E	88.2	190.0	1.810	-34.65	53.1	S0312	.0309U	8.2871	0.6	V
9020	30558.51	50 14N	37 8E	84.5	190.0	2.033	-29.75	53.2	S0312	.0309U	8.5922	0.6	A
9021	30563.91	49 59N	36 57E	83.8	189.9	2.033	-30.10	53.7	S0312	.0309U	8.7406	0.4	V
9022	30566.91	49 59N	36 57E	84.4	189.9	2.033	-29.75	53.7	S0312	.0309U	8.5922	0.6	A
9023	30569.11	49 50N	36 54E	84.5	189.8	2.033	-29.75	53.9	S0312	.0309U	8.5922	0.8	A
9024	30575.11	48 54N	36 34E	86.7	189.8	2.033	-33.60	54.3	S0312	.0309U	8.4355	0.8	V
9025	30582.31	48 27N	35 59E	97.1	189.7	1.810	-42.00	54.6	S0312	.0309U	7.5202	0.6	V
9026	30585.91	48 27N	35 59E	97.7	189.6	1.810	-41.65	54.6	S0312	.0309U	7.4213	0.4	A
9027	30598.11	47 10N	37 35E	75.2	189.5	2.385	9.80	56.2	S0312	.0409U	9.7466	0.4	V
9028	30600.71	47 11N	37 35E	76.1	189.4	2.385	10.15	56.2	S0312	.0409U	9.4992	1.6	A
9029	30828.71	31 6N	33 50E	82.3	187.5	2.733	22.40	68.0	S0312	.0168U	8.8313	0.8	F
9030	30834.71	31 6N	33 50E	82.7	187.5	2.511	23.10	68.0	S0312	.0168U	8.7241	0.8	A
9031	30846.71	30 12N	32 27E	78.3	187.4	2.872	-22.40	67.7	S0312	.0309U	9.3591	0.4	V
9032	30851.11	29 53N	32 29E	76.7	187.4	3.090	-18.90	67.9	S0312	.0409U	9.3487	0.4	V
9033	30857.11	29 36N	32 42E	75.0	187.4	3.090	-8.05	68.2	S0312	.0309U	9.6559	0.8	A
9034	30903.31	26 5N	32 16E	75.5	187.2	3.211	3.15	70.0	S0312	.0409U	9.5982	0.6	F
9035	30909.11	26 1N	32 20E	76.4	187.1	3.090	7.35	70.1	S0312	.0309U	9.4415	0.6	A
9036	30939.91	23 52N	32 11E	80.9	187.0	2.872	17.85	71.0	S0312	.0309U	8.9138	0.4	A
9037	31009.31	19 11N	30 25E	79.2	186.8	3.439	-17.85	70.9	S0312	.0309U	9.1364	1.0	A
9038	31358.11	5 24S	26 60E	92.6	186.5	3.090	16.80	60.1	S0312	.0309U	7.7923	1.0	F
9039	31436.11	10 56S	25 32E	89.9	186.5	3.439	-4.20	55.5	S0312	.0220U	7.9902	2.4	F
9040	31443.71	10 42S	25 29E	90.3	186.5	3.439	-4.55	55.4	S0312	.0309U	7.9243	0.8	A
9041	31459.51	12 0S	26 22E	110.8	186.6	2.385	32.90	54.9	S0312	.0220U	6.5307	1.0	V
9042	31535.71	17 27S	24 17E	94.9	186.7	3.439	-4.55	49.7	S0312	.0309U	7.5532	1.0	F
9043	31539.31	17 26S	24 17E	94.0	186.7	3.439	-4.20	49.7	S0312	.0309U	7.7016	0.8	V
9044	31548.91	17 45S	23 19E	109.5	186.8	3.439	-32.20	48.9	S0312	.0309U	6.5389	0.8	A
9045	31692.51	27 49S	21 38E	107.9	187.3	3.211	-22.05	40.1	S0312	.0309U	6.6791	0.6	V
9046	31696.51	27 49S	21 38E	109.1	187.3	3.439	-21.70	40.1	S0312	.0309U	6.5307	0.6	A
238 9001	35686.31	61 37N	21 31E	78.0	193.7	1.810	8.40	43.4	S0312	.0409U	9.2766	1.0	F
9002	35691.51	61 39N	21 28E	77.7	193.5	1.810	7.70	43.4	S0312	.0409U	9.3096	1.2	A
9003	35795.31	54 36N	16 51E	79.6	191.1	1.810	-22.40	49.6	S0312	.0541U	9.1859	0.4	V
9004	35798.31	54 30N	16 50E	80.4	191.0	2.033	-22.40	49.6	S0312	.0541U	9.0210	0.4	A
9005	35807.11	53 30N	16 32E	79.7	190.9	2.033	-21.35	50.5	S0312	.0409U	9.0540	0.4	F
9006	35811.91	53 27N	16 35E	77.6	190.8	2.033	-18.90	50.6	S0312	.0409U	9.4415	0.4	V
9007	35814.71	53 27N	16 35E	78.3	190.7	2.033	-18.55	50.6	S0312	.0409U	9.2601	0.4	A
9008	35829.11	52 7N	15 38E	85.3	190.5	1.810	-30.10	51.7	S0312	.0309U	8.4355	0.6	F
9009	35834.91	51 41N	16 4E	77.2	190.4	2.033	-16.10	52.2	S0312	.0409U	9.3508	0.6	F
9010	35840.11	51 20N	15 44E	79.6	190.3	2.033	-22.05	52.4	S0312	.0409U	9.0622	0.8	F
9011	35845.91	51 20N	15 44E	79.1	190.2	2.170	-21.35	52.4	S0312	.0409U	9.1612	0.8	A
9012	35853.91	50 21N	15 55E	75.0	190.1	2.385	-8.40	53.4	S0312	.0409U	9.6477	0.6	F
9013	35856.11	50 12N	15 52E	75.0	190.1	2.385	-8.40	53.5	S0312	.0409U	9.6477	0.4	F
9014	35860.71	50 5N	15 44E	74.4	190.0	2.170	-10.50	53.6	S0312	.0409U	9.8373	0.6	V
9015	35863.51	50 5N	15 44E	75.2	190.0	2.385	-10.50	53.6	S0312	.0409U	9.6312	0.8	A
9016	35867.51	49 57N	15 34E	74.3	189.9	2.170	-10.85	54.0	S0312	.0409U	9.8538	0.6	V
9017	35870.31	49 57N	15 34E	75.1	189.9	2.385	-10.85	54.0	S0312	.0409U	9.6477	0.6	A
9018	35878.51	48 45N	14 30E	86.0	189.8	1.810	-31.85	54.5	S0312	.0309U	8.3613	0.4	F
9019	35881.51	48 45N	14 29E	85.1	189.7	2.033	-32.20	54.5	S0312	.0309U	8.6004	0.4	V
9020	35887.91	48 6N	14 26E	83.6	189.6	2.033	-29.05	55.1	S0312	.0309U	8.6169	1.4	F
9021	35901.71	47 6N	15 27E	75.9	189.5	2.511	9.80	56.3	S0312	.0409U	9.5570	1.0	F
9022	35907.71	46 54N	15 38E	80.0	189.4	2.385	19.25	56.8	S0312	.0309U	9.0705	0.6	F
9023	35910.71	46 54N	15 39E	79.5	189.4	2.385	19.95	56.8	S0312	.0309U	9.2189	0.4	V
9024	35923.11	45 41N	13 47E	82.9	189.2	2.170	-28.35	57.0	S0312	.0309U	8.6911	0.8	F
9025	35926.11	45 41N	13 47E	81.6	189.2	2.170	-28.00	57.0	S0312	.0309U	8.9550	0.6	V
9026	35939.51	44 56N	15 22E	85.6	189.0	2.170	29.05	58.6	S0312	.0309U	8.5674	0.4	V
9027	35942.51	44 54N	15 22E	86.9	189.0	2.170	29.40	58.6	S0312	.0309U	8.3118	0.6	A
9028	35993.71	40 51N	14 14E	83.7	188.5	2.385	26.60	61.5	S0312	.0309U	8.7489	0.8	V
9029	35996.91	40 51N	14 14E	85.1	188.5	2.170	27.30	61.5	S0312	.0309U	8.4850	0.6	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
238 9030	36094.71	33 54N	10 47E	86.3	187.8	2.511	-32.90	65.4	SO312	.03090	8.3366	0.8	F
9031	36109.11	32 57N	12 7E	80.9	187.7	2.733	22.05	66.9	SO312	.04090	9.0540	0.8	V
9032	36112.11	32 57N	12 7E	81.9	187.6	2.511	22.40	66.9	SO312	.04090	8.8066	0.8	A
9033	36116.11	32 59N	11 55E	78.8	187.6	2.733	18.55	67.1	SO312	.02200	9.2931	0.4	V
9034	36113.91	32 59N	11 54E	79.7	187.6	2.733	18.55	67.1	SO312	.02200	9.0457	0.4	A
9035	36142.71	31 2N	10 9E	86.8	187.5	2.733	-33.60	67.0	SO312	.03090	8.3531	1.0	A
9036	36314.51	19 6N	8 25E	77.7	186.8	3.439	-13.65	71.0	SO312	.03090	9.3178	1.0	A
239 9001	41291.50	41 10N	8 38W	73.9	188.6	2.733	-0.70	60.9	SO312	.03090	9.7961	0.6	F
9002	41296.70	41 11N	8 38W	73.9	188.5	2.733	0.00	60.9	SO312	.03090	9.7879	0.8	A
9003	41481.10	28 28N	11 9W	78.6	187.3	2.872	15.40	69.2	SO312	.02200	9.1777	0.6	A
9004	41513.70	26 29N	12 51W	86.8	187.2	2.872	-32.90	69.1	SO312	.01680	8.3615	0.8	A
9005	41545.50	22 41N	12 43W	75.6	187.0	3.211	-1.40	70.9	SO312	.02200	9.5487	0.8	A
9006	41596.30	20 54N	12 22W	80.9	186.9	2.511	28.35	71.9	SO312	.01680	8.0892	1.0	A
9007	41708.30	12 55N	14 57W	81.9	186.6	3.439	-19.25	70.0	SO312	.03090	8.8231	1.0	A
9008	41717.10	11 55N	15 39W	96.3	186.6	2.872	-37.45	69.2	SO312	.01680	7.4707	1.0	F
9009	41726.90	11 54N	14 46W	79.2	186.6	3.439	-1.40	70.0	SO312	.03090	9.0952	1.0	A
241 9001	51607.90	61 11N	45 25W	76.3	193.3	1.810	1.05	43.8	SO312	.04090	9.4910	0.8	A
9002	52739.50	16 49S	64 56W	111.1	186.7	3.090	-34.30	49.7	SO312	.03090	8.4235	1.0	F
9003	52749.30	17 13S	64 22W	95.7	186.7	3.439	-14.70	49.7	SO312	.03090	7.5614	1.0	V
9004	52772.10	18 59S	65 17W	108.8	186.8	3.090	-32.20	47.8	SO312	.03090	8.5554	1.2	F
9005	52788.50	20 38S	63 31W	111.2	186.8	2.385	29.40	47.9	SO312	.03090	8.4895	0.6	V
9006	52813.90	21 16S	65 36W	106.1	186.9	3.439	-27.65	45.8	SO312	.03090	8.7368	1.0	A
9007	52820.10	21 26S	65 59W	112.0	186.9	3.211	-34.30	45.1	SO312	.03090	8.4647	1.0	V
9008	52825.50	22 5S	65 51W	108.9	186.9	3.439	-30.10	45.1	SO312	.03090	8.5719	0.8	A
9009	52833.50	22 40S	65 42W	103.5	187.0	3.439	-22.75	44.7	SO312	.03090	8.9018	1.0	A
9010	52846.90	24 9S	65 19W	99.9	187.0	3.211	-2.45	43.7	SO312	.03090	7.1574	0.6	F
9011	52851.30	24 13S	65 15W	98.6	187.0	3.211	0.35	43.7	SO312	.03090	7.3243	0.8	V
9012	52855.30	24 44S	65 24W	100.4	187.1	3.211	-1.75	43.2	SO312	.03090	7.1162	1.0	F
9013	52860.50	24 50S	65 28W	98.8	187.1	3.211	-2.80	43.1	SO312	.03090	7.2976	0.8	V
9014	52863.70	25 10S	65 32W	100.2	187.1	3.211	-2.10	42.7	SO312	.03090	7.1326	1.2	F
9015	52872.30	25 36S	65 54W	99.8	187.1	3.211	-11.55	42.3	SO312	.03090	7.2234	0.6	V
9016	52876.10	25 46S	65 55W	101.2	187.1	3.211	-11.20	42.3	SO312	.03090	7.0337	0.6	A
9017	52884.50	26 40S	65 13W	107.3	187.2	2.733	15.75	41.6	SO312	.03090	6.6626	0.6	F
9018	52888.50	26 49S	65 5W	109.2	187.2	2.511	19.95	41.7	SO312	.03090	6.6049	1.0	V
9019	52892.70	26 49S	65 10W	109.5	187.2	2.511	18.20	41.6	SO312	.03090	6.4730	1.0	A
9020	52902.30	27 30S	66 22W	102.7	187.2	3.090	-12.60	40.4	SO312	.03090	7.0172	0.8	V
9021	52908.70	27 42S	67 4W	115.9	187.3	3.211	-30.45	40.0	SO312	.03090	6.1596	0.8	A
9022	52930.90	29 11S	67 26W	117.9	187.4	3.211	-30.80	38.6	SO312	.03090	6.0607	1.0	A
9023	52940.90	30 19S	66 15W	105.1	187.4	2.872	7.00	38.2	SO312	.03090	6.8523	0.6	V
9024	52944.90	30 20S	66 15W	106.7	187.5	2.872	7.35	38.2	SO312	.03090	6.6379	0.4	A
242 5001	56010.70	56 5N	94 30E	97.5	348.5	-1.812	7.00	-13.7	SO255	.29710	7.4204	0.8	V
5002	56018.70	56 16N	93 36E	104.5	348.3	-1.685	21.70	-13.3	SO255	.29710	6.8762	0.6	A
9001	57406.29	26 45N	77 23W	87.6	187.2	2.733	28.35	70.3	SO312	.03090	8.3036	0.6	F
9002	57430.29	25 43N	79 16W	87.5	187.1	3.090	-33.60	69.4	SO312	.03090	8.3201	0.6	A
9003	57478.69	21 51N	78 51W	77.9	186.9	3.211	10.15	71.3	SO312	.03090	9.3096	0.6	F
9004	57484.69	21 49N	78 47W	79.5	186.9	3.090	14.00	71.4	SO312	.03090	9.0787	0.4	A
9005	57680.09	8 7N	80 59W	89.6	186.5	2.872	24.50	69.2	SO312	.03090	8.1551	0.6	V
9006	57683.49	8 7N	80 59W	91.1	186.5	2.872	24.85	69.2	SO312	.03090	7.8748	0.6	A
9007	57689.49	7 42N	81 1W	92.5	186.5	2.733	26.25	69.0	SO312	.02200	7.7511	1.0	A
243 5001	62822.29	19 2N	103 1W	103.7	186.8	2.511	-44.80	70.1	SO255	.01710	6.9092	1.0	F
5002	62827.29	18 56N	102 53W	96.3	186.8	2.733	-40.60	70.3	SO255	.01710	7.5955	0.8	V
5003	62844.09	17 47N	101 1W	96.7	186.7	2.385	35.70	72.2	SO255	.01710	7.4534	1.2	A
9001	62797.09	25 42N	100 19W	75.1	187.1	3.090	5.95	70.2	SO312	.03090	9.7466	0.6	V
9002	62729.89	25 41N	100 19W	76.1	187.1	3.090	6.30	70.2	SO312	.03090	9.4910	0.6	A
9003	62780.29	22 43N	100 59W	76.1	186.9	3.211	7.00	71.2	SO312	.03090	9.4910	1.0	A
9004	62787.49	21 43N	100 59W	77.2	186.9	3.090	10.85	71.3	SO312	.03090	9.3426	0.8	A
9005	62793.49	20 57N	101 20W	75.2	186.9	3.211	1.40	71.2	SO312	.03090	9.6312	1.0	F
9006	62799.49	20 42N	101 18W	75.1	186.9	3.211	4.90	71.4	SO312	.03090	9.7549	0.8	V
9007	62802.49	20 41N	101 19W	76.1	186.9	3.211	5.25	71.4	SO312	.03090	9.4910	0.6	A
9008	62811.69	19 54N	101 44W	74.6	186.8	3.211	-6.65	71.2	SO312	.03090	9.8126	1.0	V
248 9001	2230.68	68 5N	166 29E	89.1	197.7	1.332	25.20	37.5	SO312	.02200	8.1139	0.6	F
9002	2233.88	68 5N	166 29E	88.3	197.5	1.332	25.55	37.5	SO312	.03090	8.2871	0.6	V
9003	2237.08	68 5N	166 27E	89.0	197.4	1.113	25.55	37.5	SO312	.02200	8.1222	0.4	A
9004	2461.68	52 48N	156 9E	75.8	190.7	2.170	2.45	51.5	SO312	.04090	9.5570	0.4	F
9005	2464.48	52 48N	156 9E	74.9	190.6	2.170	2.80	51.5	SO312	.04090	9.7879	0.4	V
9006	2467.08	52 48N	156 9E	75.8	190.6	2.170	3.15	51.5	SO312	.05410	9.5570	0.4	A
9007	2478.28	51 50N	156 49E	89.8	190.4	2.170	30.45	52.9	SO312	.02200	8.1057	1.0	F
9008	2481.68	51 49N	156 49E	89.0	190.4	2.170	30.80	52.9	SO312	.02200	8.2459	0.6	V
9009	2491.68	50 59N	156 9E	83.1	190.2	2.170	22.75	53.6	SO312	.03090	8.7489	0.4	F
9010	2494.68	50 59N	156 9E	82.3	190.2	2.170	23.10	53.6	SO312	.03090	8.9220	0.4	V
9011	2501.48	50 4N	155 23E	76.4	190.1	2.385	8.40	53.9	SO312	.02200	9.4828	0.4	F
9012	2504.28	50 4N	155 23E	75.6	190.0	2.385	8.75	53.9	SO312	.02200	9.6972	0.4	V
9013	2511.68	49 26N	154 47E	74.6	189.9	2.385	-2.80	54.4	SO312	.02200	9.6972	0.8	F
9014	2516.88	49 26N	154 48E	74.6	189.8	2.385	-1.75	54.4	SO312	.02200	9.7136	1.0	A
9015	2535.08	48 7N	153 17E	85.8	189.6	2.033	-32.20	55.2	SO312	.02200	8.5345	0.4	V
9016	2538.28	48 6N	153 17E	86.4	189.6	2.033	-31.85	55.2	SO312	.02200	8.4025	0.4	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
248 9017	3296.48	4 10S	143 32E	86.7	186.4	3.574	-4.20	60.5	S0312	.02200	8.2788	0.6	A
249 9001	7898.07	44 0N	131 41E	78.8	189.0	2.511	16.80	59.0	S0312	.03090	9.2106	0.6	F
9002	7901.07	44 0N	131 40E	78.1	189.0	2.511	17.15	59.0	S0312	.03090	9.4003	0.4	V
9003	7903.87	44 0N	131 41E	79.3	188.9	2.511	17.85	59.0	S0312	.03090	9.1199	0.4	A
9004	7910.07	43 11N	131 59E	90.1	188.9	2.385	31.85	59.9	S0312	.02200	8.0644	0.6	F
9005	7918.87	42 44N	130 48E	74.4	188.8	2.733	0.70	59.9	S0312	.03090	9.7384	0.6	F
9006	7921.67	42 44N	130 48E	73.5	188.7	2.733	1.05	59.9	S0312	.03090	9.9693	0.6	V
9007	7929.07	42 16N	130 18E	74.3	188.7	2.733	-11.55	60.1	S0312	.04090	9.8703	0.6	V
9008	7931.87	42 15N	130 18E	75.1	188.6	2.733	-11.20	60.1	S0312	.04090	9.6642	0.4	A
9009	7938.47	41 48N	129 39E	80.8	188.6	2.511	-25.55	60.6	S0312	.02200	8.9220	0.6	F
9010	7941.47	41 27N	129 39E	79.7	188.6	2.511	-25.20	60.6	S0312	.03090	9.1859	0.6	V
9011	7946.67	41 0N	129 43E	77.1	188.5	2.511	-20.30	60.9	S0312	.03090	9.4992	0.6	V
9012	7949.47	41 0N	129 43E	77.9	188.5	2.733	-20.30	60.9	S0312	.03090	9.3261	0.6	A
9013	7981.67	38 41N	128 26E	93.2	188.2	2.033	-38.85	62.5	S0312	.02200	7.7264	0.4	F
9014	7986.47	38 11N	128 37E	86.0	188.2	2.385	-32.55	62.8	S0312	.03090	8.3778	0.8	F
9015	7994.47	37 48N	128 58E	76.3	188.1	2.733	-18.90	63.3	S0312	.03090	9.6064	1.0	V
9016	7999.87	37 35N	129 7E	75.0	188.1	2.872	-11.55	63.6	S0312	.03090	9.6724	1.0	A
9017	8028.27	35 13N	128 57E	74.3	187.9	2.872	1.40	65.3	S0312	.03090	9.7466	1.0	F
9018	8033.67	35 13N	128 57E	74.5	187.8	2.872	2.45	65.4	S0312	.03090	9.7219	0.8	A
9019	8152.87	26 49N	127 47E	84.8	187.2	2.733	26.25	70.3	S0312	.03090	8.6334	0.8	V
9020	8158.07	26 23N	127 47E	86.9	187.2	2.511	28.70	70.5	S0312	.03090	8.4438	1.0	V
9021	8161.47	26 22N	127 47E	88.3	187.2	2.511	29.05	70.6	S0312	.03090	8.1654	2.0	A
9022	8535.07	0 40N	122 51E	91.4	186.4	2.872	20.30	64.5	S0312	.02200	7.8336	0.4	A
250 5001	12940.07	62 54N	117 31E	84.7	194.0	1.475	21.70	42.8	S0255	.02260	8.5664	0.6	A
5002	13053.47	54 50N	113 35E	85.7	191.2	2.033	26.25	50.2	S0255	.02260	8.4675	0.6	F
5003	13078.87	53 14N	112 46E	81.8	190.7	2.033	21.00	51.3	S0255	.02260	8.8550	0.6	A
5004	13107.67	50 59N	111 0E	74.7	190.2	2.385	-4.90	53.1	S0255	.03150	9.6713	1.0	F
5005	13113.07	50 59N	110 60E	74.7	190.2	2.385	-4.20	53.1	S0255	.03150	9.7043	1.0	A
5006	13262.87	40 09N	109 1E	87.1	188.5	2.170	29.75	61.9	S0255	.01710	8.3191	0.8	A
5007	13283.07	39 28N	106 50E	84.3	188.3	2.511	-31.50	62.0	S0255	.02260	8.6407	0.6	A
5008	13482.27	25 09N	103 48E	86.4	187.1	2.733	-34.30	69.5	S0255	.02260	8.4675	0.6	V
5009	13508.87	23 07N	104 21E	74.7	187.0	3.211	0.00	70.8	S0255	.02260	9.8052	0.8	V
5010	13596.07	17 27N	102 48E	79.1	186.7	3.211	-16.80	71.0	S0255	.02260	9.1271	0.4	F
5011	13601.87	17 26N	102 47E	79.2	186.7	3.439	-16.45	71.0	S0255	.02260	9.1601	0.4	A
9001	12940.07	62 54N	117 31E	84.6	194.0	1.475	21.70	42.8	S0312	.03090	8.5674	0.6	A
9002	13053.27	54 51N	113 35E	85.8	191.2	2.033	26.25	50.2	S0312	.03090	8.4685	0.6	F
9003	13078.67	53 14N	112 46E	81.7	190.7	2.033	21.00	51.3	S0312	.03090	8.8561	0.6	A
9004	13102.07	51 33N	111 13E	74.0	190.3	2.170	-3.85	52.6	S0312	.03090	9.9033	0.4	V
9005	13107.67	50 59N	110 60E	74.8	190.2	2.385	-4.90	53.1	S0312	.04090	9.6724	0.8	F
9006	13113.07	50 59N	110 60E	74.7	190.2	2.385	-4.20	53.1	S0312	.04090	9.7054	0.8	A
9007	13243.87	41 59N	108 49E	76.2	188.6	2.511	12.95	60.6	S0312	.03090	9.4992	0.4	A
9008	13255.07	40 48N	108 48E	80.9	188.5	2.511	21.70	61.7	S0312	.02200	8.9880	0.6	F
9009	13256.67	40 41N	108 46E	80.9	188.5	2.514	21.70	61.7	S0312	.02200	8.9880	0.6	F
9010	13262.87	40 09N	109 1E	87.0	188.5	2.170	29.75	61.9	S0312	.02200	8.3201	0.8	A
9011	13357.87	33 59N	106 44E	74.4	187.7	2.872	9.10	66.3	S0312	.03090	9.8621	0.6	V
9012	13360.67	33 59N	106 44E	75.4	187.7	2.872	9.45	66.3	S0312	.03090	9.5982	0.6	A
9013	13477.87	25 07N	103 49E	87.7	187.1	2.733	-34.65	69.5	S0312	.03090	8.2129	1.8	F
9014	13488.87	24 51N	103 59E	79.8	187.1	3.090	-24.50	70.0	S0312	.03090	9.0457	0.4	F
9015	13505.67	23 56N	104 22E	75.6	187.0	3.211	0.35	70.8	S0312	.03090	9.5817	0.6	F
9016	13508.87	23 56N	104 21E	74.7	187.0	3.211	0.00	70.8	S0312	.03090	9.8043	0.6	V
9017	13512.27	23 53N	104 19E	74.8	187.0	3.211	-0.35	70.8	S0312	.03090	9.6559	0.6	A
9018	13566.47	19 29N	103 10E	78.1	186.8	3.211	-16.90	71.0	S0312	.02200	9.2354	0.8	F
9019	13572.07	19 29N	103 10E	78.0	186.8	3.439	-16.45	71.0	S0312	.02200	9.2766	0.6	A
9020	13596.07	17 26N	102 48E	79.2	186.7	3.211	-16.80	71.0	S0312	.03090	9.1282	0.4	F
9021	13601.67	17 27N	102 47E	79.1	186.7	3.439	-16.45	71.0	S0312	.03090	9.1612	0.6	A
9022	13644.87	13 58N	102 59E	83.3	186.6	3.090	17.15	71.2	S0312	.03090	8.7076	1.0	F
9023	13651.07	13 56N	102 59E	84.1	186.6	2.872	18.55	71.2	S0312	.03090	8.5592	0.8	A
9024	13747.67	7 13N	100 38E	89.0	186.5	3.211	-29.05	67.5	S0312	.03090	8.1881	1.0	V
9025	13755.47	6 49N	101 10E	81.1	186.5	3.439	-4.90	67.8	S0312	.03090	8.8808	1.0	A
9026	13765.67	6 13N	100 25E	91.1	186.5	3.439	-29.75	66.9	S0312	.03090	7.9325	0.4	A
9027	13772.47	5 50N	100 24E	87.9	186.5	3.439	-26.60	66.6	S0312	.03090	8.2953	1.0	V
251 9001	18308.07	59 26N	92 17E	76.3	192.3	1.810	4.90	46.5	S0312	.03090	9.6064	0.4	V
9002	18310.87	58 26N	92 17E	77.1	192.3	1.810	5.25	46.5	S0312	.03090	9.3838	0.4	A
9003	18317.87	57 54N	93 8E	88.9	192.1	1.687	28.70	47.2	S0312	.03090	8.1222	0.8	A
9004	18336.87	56 16N	91 46E	80.1	191.7	2.033	16.10	48.6	S0312	.04090	9.0457	1.0	F
9005	18340.27	56 14N	91 46E	79.4	191.6	2.033	16.80	48.6	S0312	.04090	9.2271	1.4	V
9006	18344.07	56 11N	91 45E	80.5	191.5	1.810	17.50	48.7	S0312	.04090	8.9880	0.4	A
9007	18356.87	55 14N	90 16E	75.5	191.3	2.033	-9.45	49.3	S0312	.04090	9.7054	0.4	V
9008	18359.47	55 14N	90 16E	76.2	191.2	2.033	-9.10	49.3	S0312	.04090	9.5075	0.6	A
9009	18492.67	46 16N	86 24E	85.8	189.2	2.170	-31.85	56.7	S0312	.02200	8.4520	0.6	A
9010	18516.67	43 50N	87 42E	83.7	189.0	2.511	24.85	59.2	S0312	.02200	8.6911	0.6	F
9011	18518.67	43 51N	87 40E	83.6	189.0	2.511	24.85	59.3	S0312	.02200	8.6994	1.4	F
9012	18522.47	43 48N	87 39E	83.0	188.9	2.511	25.55	59.4	S0312	.02200	8.8478	0.4	V
9013	18525.47	43 48N	87 39E	84.2	188.9	2.511	25.90	59.4	S0312	.02200	8.5922	0.4	A
9014	18542.67	42 13N	87 12E	83.5	188.7	2.511	25.20	60.6	S0312	.02200	8.7159	0.8	F
9015	18545.67	42 13N	87 12E	82.8	188.7	2.511	25.55	60.6	S0312	.02200	8.8726	0.8	V
9016	18548.67	42 13N	87 12E	84.0	188.7	2.511	25.90	60.6	S0312	.02200	8.6087	1.2	A
9017	18557.47	41 41N	86 9E	73.8	188.6	2.733	-3.15	60.7	S0312	.03090	9.8208	0.6	A
9018	18773.27	26 50N	82 35E	75.5	187.2	3.211	-9.45	69.8	S0312	.03090	9.5817	1.0	F
9019	18789.67	25 24N	81 52E	83.3	187.1	2.872	-28.00	69.7	S0312	.03090	8.6417	1.4	F
9020	18794.27	25 09N	81 49E	84.3	187.1	3.090	-29.40	69.7	S0312	.03090	8.6169	1.0	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
251 9021	18842.87	22 2N	82 7E	77.4	186.9	3.090	8.40	71.3	S0312	.03090	9.3178	1.0	A
9022	18854.87	21 1S N	81 45E	76.1	186.9	3.211	-0.35	71.3	S0312	.03090	9.4910	1.0	A
9023	18950.27	14 1S N	80 7E	80.2	186.6	3.439	-16.45	70.5	S0312	.04090	8.9962	0.6	F
9024	18957.47	13 4S N	80 15E	78.4	186.6	3.439	-7.35	70.6	S0312	.03090	9.2106	1.8	F
9025	18963.07	13 4S N	80 15E	78.5	186.6	3.439	-6.30	70.6	S0312	.03090	9.1941	1.8	A
9026	18969.67	12 5S N	80 8E	78.6	186.6	3.439	-5.95	70.4	S0312	.02200	9.1941	0.6	F
9027	18974.47	12 5S N	80 11E	78.7	186.6	3.439	-1.05	70.4	S0312	.03090	9.1859	0.6	F
9028	18977.27	12 5S N	80 11E	77.9	186.6	3.439	-0.70	70.4	S0312	.03090	9.3838	0.6	V
9029	19057.87	6 5S N	79 51E	91.1	186.5	2.733	25.55	68.6	S0312	.03090	8.0067	0.6	V
9030	19061.27	6 5S N	79 51E	92.7	186.5	2.733	25.90	68.6	S0312	.02200	7.7346	0.6	A
252 9001	23565.07	61 4N	72 11E	79.3	193.7	1.687	10.85	43.6	S0312	.03090	9.1199	0.8	F
9002	23579.67	60 4S N	71 28E	78.2	193.6	1.810	7.35	44.5	S0312	.04090	9.2519	1.0	F
9003	23585.27	60 4N	71 28E	78.2	193.1	1.687	8.05	44.5	S0312	.04090	9.2519	1.0	A
9004	23667.67	54 5S N	69 11E	80.5	191.2	2.033	19.25	49.8	S0312	.04090	9.1054	0.6	V
9005	23670.47	54 5S N	69 11E	81.6	191.2	2.033	19.60	49.8	S0312	.04090	8.8561	0.6	A
9006	23714.87	51 4S N	66 16E	81.3	190.4	2.033	-24.15	52.3	S0312	.03090	8.8726	0.4	F
9007	23717.67	51 4S N	66 17E	80.1	190.4	2.033	-23.80	52.3	S0312	.04090	9.1447	0.4	V
9008	23722.47	51 1S N	66 21E	78.1	190.3	2.033	-17.85	52.8	S0312	.04090	9.2436	0.8	F
9009	23728.07	51 1S N	66 21E	77.7	190.2	2.170	-17.15	52.9	S0312	.04090	9.3261	0.8	A
9010	23896.87	39 0N	64 32E	91.6	188.3	2.385	33.25	63.2	S0312	.02200	7.9408	0.6	F
9011	23900.07	39 1N	64 32E	91.1	188.3	2.170	33.95	63.2	S0312	.02200	8.0644	0.8	V
9012	23907.27	38 3S N	64 9E	84.3	188.2	2.385	26.95	63.5	S0312	.03090	8.6994	0.8	V
9013	23926.47	37 2S N	62 4E	85.2	188.1	2.511	-32.90	63.4	S0312	.02200	8.6169	0.4	V
9014	23929.47	37 2S N	62 5E	85.7	188.1	2.733	-32.55	63.4	S0312	.02200	8.4767	0.6	A
9015	23947.07	36 3N	62 43E	74.1	187.9	2.872	-0.35	64.8	S0312	.03090	9.7796	0.6	A
9016	23958.67	35 1S N	62 21E	74.2	187.8	2.872	-7.70	65.2	S0312	.03090	9.7631	0.8	A
9017	23974.47	34 1S N	62 14E	74.2	187.7	3.090	-2.80	66.0	S0312	.03090	9.7631	0.6	A
9018	23980.07	33 2S N	62 16E	74.3	187.7	3.090	4.20	66.6	S0312	.03090	9.7631	1.0	F
9019	23985.47	33 2S N	62 16E	74.6	187.7	2.872	5.60	66.6	S0312	.03090	9.7054	1.0	A
9020	24049.07	29 3N	61 28E	77.0	187.3	2.872	10.85	69.1	S0312	.03090	9.3838	0.6	A
253 5001	28919.06	58 3N	50 1E	101.6	192.4	1.475	39.90	46.7	S0255	.02260	7.2308	0.6	V
5002	29071.06	48 3S N	44 26E	77.5	189.7	2.385	12.60	55.3	S0312	.03150	9.3580	1.0	A
5003	29098.26	46 1N	44 13E	84.5	189.4	2.385	25.55	57.4	S0312	.03150	8.5994	0.6	F
5004	29110.26	45 5S N	42 36E	76.4	189.2	2.385	-17.85	57.3	S0312	.03150	9.5888	0.8	V
5005	29113.06	45 5S N	42 36E	77.2	189.2	2.385	-17.50	57.3	S0312	.03150	9.4157	0.8	A
5006	29142.06	43 3N	43 35E	88.6	188.9	2.170	31.50	59.7	S0312	.02260	8.2861	0.6	V
5007	29145.26	43 3N	43 35E	90.1	188.8	2.170	31.85	59.7	S0312	.02260	8.0470	0.6	A
5008	29171.06	41 4N	41 41E	74.3	188.6	2.733	-11.55	60.6	S0312	.03150	9.8692	0.8	V
5009	29174.06	41 4N	41 40E	75.2	188.6	2.733	-11.55	60.7	S0312	.03150	9.6630	1.4	A
5010	29490.86	19 3N	37 11E	75.7	186.3	3.211	-2.80	71.3	S0312	.03150	9.6630	0.6	V
5011	29493.66	19 3N	37 11E	76.8	186.3	3.439	-2.45	71.4	S0312	.03150	9.4322	0.6	A
5012	29811.66	2 2S S	32 56E	86.6	186.4	3.574	-16.80	61.6	S0312	.02260	8.4015	0.8	V
5013	29975.66	13 3S S	32 35E	119.9	186.6	2.170	36.75	53.7	S0312	.01710	5.9445	0.8	A
5014	30096.26	22 1S S	29 60E	100.0	186.9	3.211	5.25	45.4	S0312	.03150	7.1730	0.6	F
5015	30101.46	22 1S S	30 3E	99.8	186.9	3.090	8.05	45.4	S0312	.03150	7.2390	1.0	V
5016	30112.06	23 2S	29 55E	100.2	187.0	3.090	6.05	44.7	S0312	.03150	7.2060	0.8	V
5017	30151.06	25 3S S	28 19E	108.3	187.1	3.211	-23.80	41.7	S0312	.03150	6.5794	0.6	F
5018	30155.06	25 3S S	28 19E	106.9	187.1	3.211	-23.10	41.7	S0312	.03150	6.7443	0.6	V
5019	30159.26	26 3S	28 17E	106.7	187.2	3.211	-22.75	41.4	S0312	.03150	6.7608	0.8	V
5020	30163.26	26 3S	28 16E	108.2	187.2	3.439	-22.75	41.4	S0312	.03150	6.6041	0.6	A
9001	28906.26	59 2N	49 15E	83.0	192.8	1.810	20.30	45.8	S0312	.04090	8.7406	0.4	F
9002	28912.26	59 2N	49 14E	83.0	192.6	1.687	20.65	45.8	S0312	.04090	8.7159	0.4	A
9003	28940.66	57 3N	48 3E	81.9	191.9	2.033	19.25	47.9	S0312	.04090	8.8478	0.4	F
9004	28943.46	57 4N	48 3E	81.2	191.9	1.810	19.95	47.9	S0312	.04090	9.0292	0.6	V
9005	28946.86	56 3N	47 47E	81.1	191.8	2.033	17.85	48.3	S0312	.04090	8.9385	0.4	F
9006	28949.66	56 3N	47 47E	80.1	191.7	1.810	18.20	48.3	S0312	.04090	9.1529	0.6	V
9007	28952.66	56 3N	47 47E	81.2	191.7	1.810	18.55	48.3	S0312	.04090	8.9138	0.6	A
9008	28960.26	56 1N	47 14E	78.0	191.5	2.033	10.85	48.7	S0312	.04090	9.2849	1.0	A
9009	28963.06	55 3N	46 25E	75.0	191.4	2.033	-2.45	49.2	S0312	.04090	9.7714	0.6	V
9010	28970.86	55 3N	46 25E	75.8	191.3	2.033	-2.10	49.2	S0312	.04090	9.5570	0.4	A
9011	28985.46	54 1N	45 9E	80.3	191.0	1.810	-21.35	50.2	S0312	.04090	8.9715	0.6	F
9012	28990.86	54 1N	45 15E	79.1	190.9	2.033	-18.90	50.2	S0312	.04090	9.1777	1.0	A
9013	28999.66	53 1N	45 11E	76.5	190.8	2.033	-11.55	51.1	S0312	.04090	9.4498	0.8	F
9014	29005.06	53 1S N	45 11E	76.3	190.7	2.170	-11.20	51.1	S0312	.04090	9.5075	1.0	A
9015	29012.86	52 1S N	45 24E	75.6	190.6	2.170	3.50	52.1	S0312	.04090	9.5735	0.4	F
9016	29016.66	51 3N	45 19E	75.7	190.5	2.170	4.20	52.3	S0312	.04090	9.5735	1.4	F
9017	29020.46	51 4N	45 15E	75.7	190.4	2.170	4.55	52.6	S0312	.04090	9.5735	0.6	F
9018	29033.26	51 4N	45 14E	74.8	190.4	2.170	4.55	52.6	S0312	.04090	9.8043	0.4	V
9019	29026.46	51 3N	45 10E	74.8	190.3	2.170	5.25	52.8	S0312	.04090	9.7961	0.6	U
9020	29029.26	51 3N	45 10E	75.7	190.3	2.170	5.60	52.8	S0312	.04090	9.5652	0.6	A
9021	29041.46	50 1N	45 12E	79.9	190.1	2.385	17.50	54.0	S0312	.03090	9.0787	1.0	F
9022	29047.26	50 1N	45 14E	80.6	190.0	2.170	19.25	54.0	S0312	.03090	8.9797	1.0	A
9023	29059.66	49 2N	44 34E	77.3	189.8	2.385	11.90	54.9	S0312	.04090	9.3756	0.6	F
9024	29060.86	48 3N	44 33E	77.3	189.8	2.385	11.90	55.0	S0312	.04090	9.3838	0.8	F
9025	29065.26	49 1N	44 34E	77.5	189.8	2.385	12.60	55.0	S0312	.04090	9.3343	0.6	A
9026	29066.46	48 3N	44 33E	77.5	189.8	2.385	12.60	55.0	S0312	.04090	9.3426	0.8	A
9027	29069.66	48 3N	44 28E	77.5	189.7	2.385	12.60	55.2	S0312	.04090	9.3426	1.0	A
9028	29081.26	47 3N	43 6E	78.0	189.6	2.385	-18.90	55.8	S0312	.03090	9.2601	0.8	F
9029	29086.86	47 3N	43 6E	77.7	189.5	2.385	-18.20	55.8	S0312	.04090	9.3426	0.6	A
9030	29118.66	45 2N	42 42E	75.2	189.1	2.511	-11.20	57.7	S0312	.04090	9.6394	0.8	A
9031	29131.46	44 3N	42 59E	75.7	189.0	2.733	9.10	59.0	S0312	.03090	9.5817	0.6	F
9032	29134.26	44 3N	42 58E	74.8	189.0	2.511	9.45	59.0	S0312	.03090	9.8043	0.6	V
9033	29159.46	42 1S N	42 3E	74.3	188.7	2.733	-4.55	60.3	S0312	.02200	9.7384	0.8	F

Handle via
BYEMAN Channels
BYE-8915/84

Approved for Release: 2021/01/22 C05132886

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
253 9034	29164.66	42 17N	42 4E	74.3	188.7	2.733	-3.50	60.3	SO312	.02200	9.7549	1.0	A
9035	29171.06	41 41N	41 41E	74.3	188.6	2.733	-11.55	60.6	SO312	.04090	9.8703	1.0	V
9036	29174.46	41 30N	41 39E	75.2	188.6	2.733	-11.55	60.7	SO312	.03090	9.6642	1.0	A
9037	29422.26	24 11N	38 4E	75.6	187.1	3.211	-2.10	70.7	SO312	.03090	9.5817	1.0	F
9038	29429.26	24 3N	38 13E	76.6	187.0	3.090	5.60	70.8	SO312	.03090	9.4333	1.2	A
9039	29555.06	15 20N	36 20E	77.7	186.7	3.439	-5.60	71.0	SO312	.03090	9.2941	1.0	A
9040	29636.46	9 50N	35 8E	80.6	186.5	3.574	-14.35	69.1	SO312	.03090	8.9633	1.0	A
9041	29653.26	8 11N	35 34E	83.6	186.5	3.211	15.05	68.9	SO312	.01680	8.6664	0.8	F
9042	29656.26	8 11N	35 34E	82.9	186.5	3.211	15.40	68.9	SO312	.01680	8.8066	0.8	V
9043	29714.06	4 16N	34 21E	81.3	186.4	3.439	-6.30	66.3	SO312	.03090	8.9797	1.0	V
9044	29722.26	3 46N	33 45E	88.3	186.4	3.439	-26.60	65.6	SO312	.03090	8.2541	1.0	V
9045	29734.46	2 34N	34 40E	88.8	186.4	3.090	17.50	65.7	SO312	.03090	8.1469	0.8	F
9046	29737.66	2 34N	34 41E	88.3	186.4	3.090	16.20	65.8	SO312	.03090	8.2541	0.8	V
9047	29747.86	1 46N	33 37E	86.1	186.4	3.439	-16.90	64.5	SO312	.01680	8.3613	1.0	F
9048	29756.46	1 8N	34 10E	84.8	186.4	3.439	7.70	64.6	SO312	.03090	8.5180	0.6	F
9049	29765.66	0 29N	33 14E	90.1	186.4	3.439	-25.20	63.5	SO312	.03090	7.9655	1.2	F
9050	29770.06	0 28N	33 12E	89.5	186.4	3.439	-25.55	63.5	SO312	.03090	8.1469	0.8	V
9051	29773.26	0 28N	33 12E	90.2	186.4	3.439	-24.85	63.5	SO312	.03090	7.9985	1.0	A
9052	29793.46	1 28S	33 49E	87.3	186.4	3.211	11.20	62.8	SO312	.03090	8.2788	1.0	F
9053	29800.46	1 44S	33 51E	88.2	186.4	3.090	15.05	62.7	SO312	.03090	8.2459	1.0	V
9054	29813.06	2 31S	32 55E	87.3	186.4	3.574	-16.80	61.5	SO312	.03090	8.3366	0.8	V
9055	29821.26	2 56S	33 32E	88.4	186.4	3.211	11.20	61.7	SO312	.03090	8.1057	1.0	A
9056	29830.66	3 30S	33 30E	90.2	186.4	3.090	14.35	61.3	SO312	.03090	7.9525	1.0	A
9057	29854.06	5 2S	32 4E	97.6	186.3	3.574	-30.10	59.3	SO312	.03090	7.3863	1.0	A
9058	29863.66	5 40S	31 50E	101.6	186.3	3.439	-33.60	58.7	SO312	.02200	7.0914	1.2	A
9059	29922.06	10 7S	32 40E	98.8	186.3	2.733	23.10	56.2	SO312	.03090	7.3388	1.0	V
9060	29967.86	13 16S	31 56E	97.0	186.6	2.872	16.80	53.5	SO312	.03090	7.4707	1.0	V
9061	29990.66	14 32S	31 45E	100.4	186.6	2.872	18.55	52.4	SO312	.03090	7.0997	1.0	A
9062	30067.26	20 2S	30 52E	104.4	186.8	2.733	20.30	47.6	SO312	.03090	6.9182	0.6	V
9063	30071.06	20 1S	30 53E	106.7	186.8	2.511	21.35	47.6	SO312	.03090	6.6626	0.6	A
9064	30080.46	21 16S	30 46E	109.1	186.9	2.733	23.10	46.6	SO312	.03090	6.5802	1.2	F
9065	30106.46	22 36S	29 43E	98.3	187.0	3.090	-0.35	44.9	SO312	.03090	7.3470	1.2	V
9066	30117.46	23 8S	29 43E	100.4	187.0	3.211	3.15	44.5	SO312	.03090	7.0832	1.2	A
254 5001	34196.26	60 50N	27 12E	78.1	193.2	1.810	8.05	44.7	SO312	.04150	9.2590	0.6	F
5002	34203.46	60 30N	26 58E	77.4	193.0	1.810	4.90	44.7	SO312	.04150	9.3497	1.0	A
5003	34212.06	59 54N	26 20E	76.8	192.8	1.810	1.05	45.6	SO312	.04150	9.4239	0.6	F
5004	34216.06	59 40N	26 12E	76.7	192.7	1.810	1.05	45.8	SO312	.04150	9.4322	0.4	F
5005	34218.86	59 17N	26 11E	75.8	192.6	1.810	1.05	45.8	SO312	.04150	9.6630	0.4	V
5006	34300.86	53 37N	24 46E	85.5	190.9	2.033	26.95	51.1	SO312	.03150	8.5747	0.6	V
5007	34303.86	53 38N	24 47E	86.9	190.8	1.810	27.65	51.1	SO312	.03150	8.3438	0.6	A
5008	34312.46	52 57N	24 24E	86.7	190.7	2.170	27.30	52.0	SO312	.03150	8.3851	0.8	F
5009	34315.46	52 38N	24 24E	86.0	190.6	2.170	27.65	52.0	SO312	.03150	8.5335	1.0	V
5010	34317.66	52 29N	24 21E	86.0	190.6	2.170	27.65	52.1	SO312	.03150	8.5335	0.8	V
5011	34320.86	52 20N	24 20E	87.0	190.5	2.170	27.65	52.1	SO312	.03150	8.3273	0.6	A
5012	34404.06	46 27N	21 50E	79.5	189.4	2.385	17.85	57.2	SO312	.03150	9.1354	0.6	F
5013	34406.86	46 27N	21 51E	78.8	189.3	2.385	18.20	57.2	SO312	.03150	9.3085	0.8	V
5014	34443.26	44 18N	19 54E	79.2	188.9	2.511	-22.40	58.5	SO312	.03150	9.1931	0.6	A
5015	34446.66	43 52N	19 52E	77.0	188.9	2.511	-20.30	58.9	SO312	.03150	9.5229	0.4	V
5016	34451.86	43 39N	20 11E	74.5	188.8	2.511	-8.05	59.2	SO312	.02260	9.7455	0.6	A
5017	34458.06	42 52N	19 53E	74.9	188.8	2.511	-11.90	59.7	SO312	.02260	9.6548	0.6	F
5018	34463.46	42 52N	19 52E	74.9	188.7	2.733	-11.55	59.8	SO312	.02260	9.7043	0.6	A
5019	34479.66	41 18N	20 45E	87.5	188.6	2.385	29.75	61.5	SO312	.01710	8.3191	0.8	F
5020	34494.86	40 32N	19 17E	74.2	188.4	2.733	-11.20	61.5	SO312	.04150	9.8774	0.6	V
5021	34497.46	40 32N	19 17E	75.0	188.4	2.733	-10.85	61.5	SO312	.04150	9.6795	0.8	A
9001	34060.26	69 42N	33 7E	79.9	198.9	1.113	-6.30	36.0	SO312	.03090	9.0210	0.6	F
9002	34063.06	69 42N	33 8E	78.9	198.7	1.113	-5.95	36.0	SO312	.03090	9.2684	0.6	V
9003	34067.46	69 28N	32 25E	80.1	198.5	1.113	-12.60	36.2	SO312	.03090	9.1117	0.8	V
9004	34070.46	69 27N	32 24E	81.0	198.3	1.113	-12.60	36.2	SO312	.03090	8.9220	0.6	A
9005	34080.26	68 10N	33 30E	85.5	197.7	1.475	20.65	37.6	SO312	.03090	8.4685	0.6	F
9006	34083.26	68 10N	33 32E	84.8	197.6	1.475	21.35	37.6	SO312	.03090	8.6334	1.2	V
9007	34086.86	68 8N	33 32E	86.2	197.4	1.475	22.05	37.6	SO312	.03090	8.3943	0.6	A
9008	34091.46	67 49N	32 31E	82.8	197.2	1.475	16.10	38.2	SO312	.03090	8.7406	0.6	F
9009	34094.46	67 49N	32 30E	81.8	197.0	1.475	16.10	38.2	SO312	.03090	8.9550	0.6	V
9010	34098.26	67 43N	32 22E	82.4	196.8	1.475	17.50	38.5	SO312	.03090	8.8890	0.6	V
9011	34101.26	67 43N	32 22E	83.5	196.7	1.475	17.85	38.5	SO312	.03090	8.6664	0.6	A
9012	34181.06	61 50N	28 56E	87.7	193.7	1.475	26.60	43.6	SO312	.04090	8.2459	0.6	A
9013	34190.46	61 5N	28 12E	83.6	193.4	1.687	22.40	44.3	SO312	.04090	8.7571	0.6	V
9014	34196.26	60 50N	27 12E	78.2	193.2	1.810	8.05	44.7	SO312	.04090	9.2601	1.2	F
9015	34203.06	60 31N	26 59E	77.4	193.0	1.810	4.90	44.7	SO312	.04090	9.3508	1.2	A
9016	34226.86	58 26N	26 47E	84.4	192.4	2.033	22.75	46.7	SO312	.04090	8.5839	0.6	F
9017	34229.86	58 26N	26 47E	83.5	192.3	1.810	23.10	46.7	SO312	.04090	8.7818	0.6	V
9018	34232.86	58 26N	26 47E	84.6	192.3	1.810	23.45	46.7	SO312	.04090	8.5427	0.6	A
9019	34255.06	56 57N	23 59E	81.5	191.8	1.810	-24.15	47.8	SO312	.04090	8.9715	0.6	V
9020	34258.06	56 57N	23 59E	82.2	191.7	1.810	-23.80	47.8	SO312	.04090	8.8148	0.6	A
9021	34266.66	55 58N	23 29E	83.9	191.5	1.687	-26.60	48.6	SO312	.04090	8.5922	0.6	F
9022	34269.66	55 58N	23 29E	82.6	191.5	1.687	-26.25	48.6	SO312	.04090	8.8561	0.6	V
9023	34275.86	55 16N	23 53E	76.9	191.3	2.033	-11.55	49.3	SO312	.04090	9.3920	0.6	F
9024	34278.66	55 16N	23 52E	76.0	191.3	2.033	-11.55	49.3	SO312	.04090	9.6394	0.6	V
9025	34284.06	54 55N	23 54E	75.1	191.2	2.033	-7.00	49.7	SO312	.04090	9.7549	0.6	V
9026	34286.86	54 54N	23 54E	75.9	191.1	2.033	-6.65	49.7	SO312	.04090	9.5487	0.6	A
9027	34296.66	53 40N	24 55E	88.5	191.0	2.033	29.05	51.1	SO312	.03090	8.2046	0.8	F
9028	34337.46	51 15N	22 43E	74.1	190.4	2.170	-2.10	52.9	SO312	.04090	9.8786	0.6	V
9029	34340.26	51 15N	22 43E	75.0	190.2	2.385	-2.10	52.9	SO312	.04090	9.6559	0.4	A
9030	34345.46	50 34N	22 4E	76.7	190.2	2.170	-14.35	53.4	SO312	.04090	9.4250	0.4	F
9031	34348.26	50 34N	22 3E	75.8	190.1	2.170	-14.35	53.4	SO312	.04090	9.6724	0.4	V

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
254 9032	34352.66	50 4N	21 60E	75.9	190.0	2.170	-11.55	53.9	SO312	.04090	9.5240	1.0	F
9033	34358.06	50 4N	22 0E	75.7	190.0	2.385	-10.85	53.9	SO312	.04090	9.5817	1.2	A
9034	34372.46	48 57N	22 22E	77.5	189.8	2.385	12.95	55.3	SO312	.04090	9.3508	0.6	F
9035	34375.26	48 57N	22 22E	76.7	189.7	2.385	13.30	55.3	SO312	.04090	9.5487	0.4	V
9036	34382.86	47 58N	21 45E	74.8	189.6	2.511	1.05	55.8	SO312	.04090	9.6807	0.4	F
9037	34385.46	47 58N	21 45E	73.9	189.6	2.511	1.40	55.8	SO312	.04090	9.9115	0.6	V
9038	34388.66	47 54N	21 38E	74.8	189.6	2.511	1.05	56.1	SO312	.04090	9.6889	0.6	F
9039	34391.46	47 54N	21 37E	73.9	189.5	2.511	1.40	56.1	SO312	.04090	9.9196	1.2	V
9040	34394.86	47 51N	21 37E	74.7	189.5	2.511	1.75	56.1	SO312	.04090	9.6889	0.6	A
9041	34413.46	46 14N	21 20E	75.2	189.3	2.511	5.60	57.2	SO312	.04090	9.6229	1.2	A
9042	34429.26	44 50N	20 29E	75.0	189.1	2.511	-9.80	58.2	SO312	.04090	9.6394	1.2	F
9043	34434.66	44 50N	20 28E	74.9	189.0	2.511	-9.10	58.2	SO312	.04090	9.6807	1.2	A
9044	34492.06	40 02N	19 17E	75.1	188.5	2.733	-11.55	61.5	SO312	.04090	9.6312	0.6	F
9045	34494.86	40 01N	19 17E	74.2	188.4	2.733	-11.20	61.5	SO312	.04090	9.8786	0.6	V
9046	34947.26	6 01N	13 18E	87.1	186.5	2.872	20.65	68.2	SO312	.03090	8.3778	1.0	V
255 5001	39733.06	44 55N	0 45W	79.0	189.1	2.511	17.15	58.5	SO312	.03150	9.1931	0.8	F
5002	39735.86	44 55N	0 45W	78.3	189.1	2.511	17.50	58.5	SO312	.03150	9.3662	0.8	V
5003	39741.46	44 53N	1 7W	75.3	189.0	2.511	9.80	58.7	SO312	.03150	9.7455	0.4	V
5004	39744.06	44 54N	1 7W	76.3	189.0	2.511	10.15	58.7	SO312	.03150	9.5064	0.6	A
9001	39935.66	31 54N	5 31W	85.4	187.5	2.733	-32.55	67.0	SO312	.03090	8.5015	1.4	A
256 5001	44759.26	64 20N	15 23W	77.7	194.6	1.475	-3.85	41.2	SO312	.04150	9.3230	0.6	A
257 5001	51347.25	25 18S	59 42W	103.4	187.1	3.211	-15.05	42.2	SO312	.03150	6.9010	1.0	F
5002	51465.45	31 43S	60 28W	105.9	187.6	2.872	2.45	36.6	SO312	.03150	6.7938	1.0	V
5003	51469.45	31 45S	60 28W	107.5	187.6	2.872	2.80	36.6	SO312	.03150	6.5959	1.0	A
5004	51520.05	35 40S	60 38W	118.4	187.9	2.385	19.60	33.1	SO312	.03150	6.0187	0.8	F
5005	51525.85	36 9S	61 4W	113.3	187.9	2.385	11.55	32.6	SO312	.03150	6.2908	1.0	F
5006	51531.05	36 11S	61 25W	109.7	188.0	2.733	3.50	32.5	SO312	.03150	6.5464	1.0	V
5007	51539.85	36 26S	61 60W	111.7	188.0	3.090	-9.45	32.0	SO312	.03150	6.3485	0.8	A
9001	51477.45	32 22S	59 44W	120.9	187.6	2.170	24.85	36.4	SO312	.03090	5.8380	1.0	A
9002	51485.85	32 52S	60 47W	108.1	187.7	2.733	1.05	35.5	SO312	.03090	6.5472	1.0	A
9003	51525.05	36 6S	61 3W	113.3	187.9	2.385	11.55	32.7	SO312	.03090	6.2916	1.2	F
258 5001	56144.85	11 2N	74 48W	78.8	186.5	3.439	2.10	69.9	SO312	.03150	9.2638	0.6	V
5002	56147.85	11 2N	74 48W	80.0	186.5	3.439	2.80	69.9	SO312	.03150	9.0364	0.6	A
5003	56344.65	2 48S	76 27W	99.9	186.4	2.511	29.05	62.2	SO312	.02260	7.2967	0.8	V
5004	56479.45	12 2S	78 1W	105.5	186.6	2.511	28.00	54.7	SO312	.02260	6.8845	0.6	V
5005	56483.25	12 2S	78 1W	107.5	186.6	2.511	28.35	54.7	SO312	.02260	6.6371	0.6	A
9001	56017.45	19 59N	72 50W	81.4	186.8	2.872	16.80	71.8	SO312	.03090	8.8643	1.0	A
9002	56024.25	19 59N	72 41W	87.2	186.8	2.733	25.55	72.0	SO312	.03090	8.2459	0.6	A
9003	56302.65	0 6S	76 20W	89.9	186.4	3.211	17.15	63.9	SO312	.03090	8.0562	0.8	F
9004	56311.45	0 25S	76 59W	83.6	186.4	3.574	-5.95	63.2	SO312	.03090	8.7159	1.0	V
9005	56334.25	2 1S	76 58W	85.5	186.4	3.439	5.60	62.3	SO312	.03090	8.5262	1.0	V
259 9001	61328.65	19 16N	96 9W	84.3	186.8	3.090	-27.30	70.8	SO312	.03090	8.5592	0.6	F
9002	61334.65	19 13N	96 8W	83.7	186.8	3.211	-26.25	70.8	SO312	.03090	8.6582	0.8	A
9003	61341.25	18 20N	96 2W	79.3	186.8	3.211	-17.15	71.0	SO312	.03090	9.1034	1.0	F
9004	61348.05	18 19N	96 5W	79.7	186.8	3.439	-17.85	71.0	SO312	.03090	9.0952	1.2	A
9005	61359.45	17 6N	96 42W	88.7	186.7	2.872	-32.90	70.5	SO312	.03090	8.1139	0.6	F
9006	61362.65	17 0N	96 43W	88.5	186.7	3.090	-32.90	70.5	SO312	.03090	8.2706	0.8	V
9007	61366.05	17 0N	96 43W	89.3	186.7	3.090	-32.55	70.6	SO312	.03090	8.1222	1.8	A
260 5001	66422.44	33 38N	114 43W	74.2	187.7	3.090	-2.45	66.5	SO312	.02260	9.7702	0.6	F
5002	66427.64	33 39N	114 42W	74.3	187.7	3.090	-1.40	66.5	SO312	.02260	9.7537	0.8	A
5003	66468.04	30 33N	115 56W	79.5	187.5	2.872	-23.10	67.8	SO312	.03150	9.0694	0.4	F
5004	66470.84	30 33N	115 56W	78.5	187.5	2.872	-22.75	67.8	SO312	.03150	9.3167	0.4	V
9001	66422.24	33 39N	114 42W	74.2	187.7	3.090	-2.45	66.5	SO312	.03090	9.7714	0.8	F
9002	66427.64	33 38N	114 42W	74.3	187.7	3.090	-1.40	66.5	SO312	.03090	9.7549	0.6	A
9003	66436.84	32 40N	115 14W	75.8	187.6	2.872	-14.00	66.8	SO312	.03090	9.5322	1.0	F
9004	66444.24	32 29N	114 47W	75.2	187.6	2.872	5.60	67.3	SO312	.03090	9.6147	0.8	A
9005	66504.24	28 0N	115 11W	83.7	187.3	2.733	24.85	69.9	SO312	.03090	8.7489	1.0	V
262 9001	75656.64	51 19N	13 20E	109.8	349.7	-1.685	24.50	-17.6	SO312	.29770	6.4740	0.6	F
9002	75664.24	51 32N	12 58E	112.8	349.6	-1.685	29.40	-17.3	SO312	.29770	6.3905	0.6	V
9003	75670.24	51 28N	11 56E	136.6	349.5	-1.466	43.40	-17.1	SO312	.29770	5.2526	0.6	A
9004	75674.64	52 10N	12 12E	122.3	349.5	-1.466	36.75	-16.6	SO312	.29770	5.9122	0.8	V
264 5001	904.43	57 45N	163 17E	81.7	192.0	1.687	-23.10	47.2	SO312	.02260	8.9540	0.4	V
5002	907.43	57 45N	163 17E	82.5	192.0	1.687	-22.75	47.2	SO312	.02260	8.8056	0.4	A
5003	922.83	56 18N	162 44E	81.7	191.6	1.687	-22.05	48.5	SO312	.02260	8.8303	0.6	F
5004	925.83	56 18N	162 44E	80.6	191.6	1.687	-21.70	48.5	SO312	.02260	9.0859	0.6	V
9001	721.03	69 44N	171 53E	81.0	198.9	1.113	-9.10	36.2	SO312	.03090	8.8973	0.4	F
9002	728.03	69 48N	170 38E	88.6	198.5	0.986	-25.55	36.0	SO312	.03090	8.1634	0.8	A

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
264 9003	730.03	69 41N	170 31E	88.5	198.4	0.986	-25.55	36.2	S0312	.0309U	8.1634	0.4	A
9004	886.03	58 60N	163 50E	82.2	192.5	1.475	-23.10	46.1	S0312	.0541U	8.8990	0.4	V
9005	889.03	58 60N	163 49E	83.0	192.4	1.687	-23.10	46.1	S0312	.0541U	8.7324	0.4	A
9006	925.83	56 17N	162 44E	80.6	191.6	1.687	-21.70	48.6	S0312	.0309U	9.0969	0.6	V
9007	928.63	56 10N	162 45E	81.3	191.5	1.687	-21.35	48.5	S0312	.0309U	8.9220	0.6	A
265 9001	6406.63	44 47N	136 27E	85.4	189.0	2.170	-32.20	58.2	S0312	.0220U	8.5592	0.4	V
9002	6409.63	44 48N	136 27E	86.2	189.0	2.385	-32.20	58.2	S0312	.0220U	8.4273	0.6	A
266 5001	11604.03	52 17N	117 44E	75.5	190.6	2.170	-2.45	52.3	S0312	.0315U	9.5888	0.6	F
5002	11606.63	52 17N	117 44E	74.6	190.5	2.170	-2.10	52.3	S0312	.0315U	9.8197	0.6	V
5003	11730.03	43 57N	116 6E	85.9	188.9	2.170	28.00	59.5	S0312	.0226U	8.4263	0.6	A
5004	11754.03	42 0N	113 43E	83.9	186.7	2.170	-30.45	60.3	S0312	.0226U	8.5912	0.8	F
5005	11759.63	41 55N	113 58E	77.1	188.6	2.385	-21.35	60.6	S0312	.0315U	9.5064	0.4	V
5006	11775.03	40 41N	115 3E	82.1	188.5	2.511	24.15	62.1	S0312	.0315U	8.9575	0.6	V
5007	11802.23	38 56N	113 32E	73.1	188.3	2.733	-11.90	62.9	S0312	.0315U	10.0258	0.4	V
5008	11813.23	38 4N	114 23E	82.6	188.2	2.511	24.50	64.0	S0312	.0315U	8.8798	0.4	V
5009	11816.23	38 4N	114 23E	83.9	188.1	2.511	24.85	64.0	S0312	.0315U	8.6242	0.4	A
5010	12074.83	19 56N	109 38E	76.9	186.8	3.439	-9.80	71.3	S0312	.0315U	9.4074	0.4	F
5011	12077.63	19 57N	109 38E	76.1	186.8	3.211	-9.10	71.3	S0312	.0315U	9.6218	0.4	V
5012	12102.23	18 10N	109 42E	77.5	186.8	3.211	7.35	71.6	S0312	.0315U	9.4487	0.4	V
5013	12105.03	18 10N	109 43E	78.7	186.8	3.211	8.05	71.7	S0312	.0315U	9.1848	0.4	A
9001	11623.63	50 50N	116 36E	79.7	190.2	2.033	-21.35	53.2	S0312	.0409U	9.0540	1.2	F
9002	11627.23	50 57N	116 35E	78.5	190.2	2.033	-21.00	53.2	S0312	.0409U	9.3261	0.4	V
9003	11630.43	50 52N	116 23E	80.4	190.1	2.033	-22.75	53.6	S0312	.0309U	8.9715	0.4	F
9004	11632.03	50 26N	116 21E	80.4	190.1	2.033	-22.75	53.7	S0312	.0309U	8.9715	0.8	F
9005	11637.83	50 26N	116 21E	79.9	190.0	2.170	-22.05	53.7	S0312	.0309U	9.0787	0.8	A
9006	11649.23	49 49N	117 32E	80.7	189.9	2.170	19.95	54.9	S0312	.0309U	8.9550	0.4	A
9007	11662.03	46 59N	116 47E	75.6	189.7	2.385	6.30	55.4	S0312	.0309U	9.5652	0.4	A
9008	11769.83	40 51N	114 60E	80.5	188.5	2.733	21.00	61.9	S0312	.0309U	9.0210	0.6	F
9009	11788.03	39 45N	113 9E	84.0	188.4	2.385	-30.45	62.0	S0312	.0220U	8.5859	1.0	F
9010	11794.03	39 45N	113 10E	83.1	188.3	2.511	-29.40	62.0	S0312	.0220U	8.7406	1.0	A
9011	11861.43	34 41N	112 20E	77.9	187.8	2.733	-19.95	65.6	S0312	.0220U	9.2766	1.0	F
9012	11867.03	34 41N	112 20E	77.4	187.8	2.872	-18.90	65.6	S0312	.0220U	9.3673	0.8	A
9013	12053.03	21 26N	110 13E	76.6	186.9	3.211	2.80	71.4	S0312	.0220U	9.4663	0.8	F
9014	12058.43	21 26N	110 13E	76.9	186.9	3.211	3.85	71.4	S0312	.0220U	9.3940	1.0	A
9015	12083.63	19 22N	109 11E	81.8	186.8	3.211	-23.45	71.0	S0312	.0309U	8.8066	0.4	F
9016	12089.63	19 22N	109 10E	81.6	186.8	3.211	-22.75	71.0	S0312	.0309U	8.8726	0.4	A
9017	12099.03	18 14N	109 43E	78.2	186.8	3.211	7.00	71.6	S0312	.0409U	9.2684	0.6	F
9018	12101.83	18 14N	109 43E	77.5	186.8	3.211	7.35	71.6	S0312	.0409U	9.4498	0.6	V
9019	12105.03	18 10N	109 43E	78.6	186.8	3.211	8.05	71.7	S0312	.0309U	9.1859	0.4	A
9020	12184.23	12 10N	109 12E	92.2	186.6	2.872	28.00	71.0	S0312	.0220U	7.8830	0.8	F
9021	12190.83	12 2N	109 13E	93.9	186.6	2.511	30.80	71.0	S0312	.0220U	7.7923	0.8	V
9022	12194.23	12 2N	109 14E	95.9	186.6	2.511	31.50	71.0	S0312	.0220U	7.4872	1.0	A
9023	12199.63	11 40N	108 58E	89.7	186.6	2.733	24.85	70.7	S0312	.0220U	7.9985	0.8	A
267 5001	17050.62	42 52N	93 40E	85.7	188.8	2.511	27.30	60.4	S0312	.0226U	8.5005	0.4	F
5002	17056.82	42 52N	93 35E	83.8	188.7	2.385	26.60	60.4	S0312	.0226U	8.6324	0.4	A
5003	17125.62	38 18N	90 54E	78.0	188.2	2.733	-23.80	63.2	S0312	.0315U	9.3332	0.4	A
5004	17350.02	22 34N	88 22E	76.1	187.0	3.211	5.60	71.3	S0312	.0315U	9.6301	0.4	V
5005	17352.82	22 34N	88 22E	77.3	186.9	3.211	6.30	71.3	S0312	.0315U	9.3662	0.4	A
5006	18227.82	37 50S	77 34E	117.6	188.1	2.511	14.70	31.0	S0312	.0315U	6.0600	0.6	F
5007	18232.22	37 50S	77 33E	116.9	188.1	2.511	15.05	31.0	S0312	.0315U	6.1342	0.6	V
9001	16858.42	56 13N	95 44E	90.3	191.6	1.475	-33.25	48.6	S0312	.0309U	7.9655	1.2	F
9002	16862.62	56 9N	95 41E	89.4	191.5	1.475	-33.60	48.6	S0312	.0309U	8.1634	0.6	V
9003	16865.82	56 9N	95 41E	90.2	191.4	1.687	-33.60	48.6	S0312	.0309U	8.0397	0.6	A
9004	17050.22	42 53N	93 40E	85.7	188.8	2.511	27.30	60.4	S0312	.0220U	8.5015	1.0	F
9005	17305.82	25 48N	88 55E	76.0	187.1	3.211	3.15	70.4	S0312	.0309U	9.5157	1.0	A
9006	17318.42	24 50N	87 56E	82.6	187.1	3.090	-28.00	70.1	S0312	.0409U	8.8561	0.8	V
9007	17330.42	24 14N	87 43E	86.2	187.0	3.090	-31.15	70.1	S0312	.0309U	8.4190	1.0	A
9008	17345.22	22 42N	88 27E	77.5	187.0	3.211	8.05	71.3	S0312	.0220U	9.3591	0.8	F
9009	18232.02	37 50S	77 34E	116.9	188.1	2.511	15.05	31.0	S0312	.0309U	6.1349	0.6	V
9010	18236.62	37 51S	77 33E	118.9	188.2	2.511	15.40	31.0	S0312	.0309U	5.9287	0.4	A
268 5001	22429.82	38 18N	69 14E	73.6	188.2	2.733	-8.75	63.4	S0312	.0226U	9.8444	0.4	F
5002	22432.42	38 18N	69 14E	72.7	188.2	2.733	-8.40	63.4	S0312	.0226U	10.0835	0.4	V
5003	22476.82	34 57N	69 16E	80.6	187.9	2.733	21.00	66.1	S0312	.0226U	9.0117	0.6	F
5004	22482.62	34 57N	69 15E	81.0	187.8	2.511	21.70	66.1	S0312	.0226U	8.9292	0.6	A
5005	22513.62	32 49N	67 39E	76.9	187.6	2.872	-19.95	66.8	S0312	.0315U	9.5146	0.6	V
5006	22542.42	30 33N	66 59E	81.5	187.5	2.733	-27.30	67.8	S0312	.0226U	8.8550	0.8	F
5007	22547.42	30 14N	67 4E	78.5	187.4	2.733	-22.40	68.1	S0312	.0226U	9.2013	0.6	F
5008	22550.22	30 14N	67 4E	77.5	187.4	2.733	-22.05	68.1	S0312	.0226U	9.4487	0.6	V
5009	22554.82	29 57N	66 45E	83.0	187.4	2.733	-30.45	68.1	S0312	.0226U	8.8303	0.6	V
5010	22582.02	27 51N	66 37E	78.4	187.3	2.872	-21.00	69.2	S0312	.0315U	9.2013	0.6	F
9001	22260.02	49 55N	72 47E	75.2	190.0	2.385	1.40	54.4	S0312	.0309U	9.6312	0.6	F
9002	22262.82	49 52N	72 47E	74.3	190.0	2.385	1.75	54.4	S0312	.0309U	9.8621	0.6	V
9003	22321.02	45 33N	71 21E	73.7	189.2	2.511	-4.55	57.6	S0312	.0409U	9.9363	0.4	V
9004	22323.62	45 30N	71 21E	74.6	189.2	2.511	-4.20	57.6	S0312	.0409U	9.7136	0.6	A
9005	22373.82	42 24N	69 29E	84.3	188.7	2.170	-31.15	60.1	S0312	.0220U	8.6746	0.8	V
9006	22376.82	42 24N	69 29E	85.1	188.7	2.385	-31.15	60.1	S0312	.0220U	8.5427	0.8	A
9007	22388.02	41 8N	70 6E	73.6	188.6	2.733	-2.80	61.4	S0312	.0309U	9.8456	0.6	F

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
26A 9008	22393.22	41 9N	70 7E	73.6	188.5	2.733	-1.75	61.4	SO312	.0309U	9.8538	0.6	A
9009	22432.42	38 10N	69 13E	72.7	188.2	2.733	-8.40	63.4	SO312	.0409U	10.0847	0.4	V
9010	22435.02	38 10N	69 13E	73.5	188.2	2.733	-8.05	63.4	SO312	.0309U	9.8621	0.4	A
9011	22452.82	36 42N	68 56E	74.3	188.0	2.872	-5.95	64.6	SO312	.0309U	9.7384	1.0	F
9012	22455.22	36 42N	68 55E	74.3	188.0	2.872	-5.25	64.6	SO312	.0309U	9.7466	0.8	A
9013	22476.42	34 59N	69 16E	80.6	187.9	2.733	21.00	66.1	SO312	.0220U	9.0127	0.8	F
9014	22482.22	34 59N	69 16E	81.0	187.8	2.511	21.70	66.1	SO312	.0220U	8.9303	1.0	A
9015	22486.42	34 0N	69 6E	78.9	187.8	2.733	19.60	66.4	SO312	.0220U	9.2931	0.8	V
9016	22489.42	34 29N	69 6E	80.0	187.8	2.733	19.95	66.4	SO312	.0220U	9.0292	0.8	A
9017	22497.62	33 56N	68 26E	73.7	187.7	3.090	2.10	66.7	SO312	.0309U	9.8373	1.4	F
9018	22503.02	33 59N	68 26E	73.9	187.7	2.872	3.50	66.7	SO312	.0309U	9.7961	0.8	A
9019	22542.02	30 56N	66 60E	81.6	187.5	2.733	-27.30	67.8	SO312	.0220U	8.8561	0.6	F
9020	22562.42	29 41N	66 23E	92.3	187.4	2.733	-38.85	68.0	SO312	.0220U	7.8665	0.6	A
9021	22585.22	27 49N	66 37E	77.7	187.3	3.090	-20.30	69.2	SO312	.0309U	9.4250	0.8	U
9022	22622.42	24 50N	67 8E	83.5	187.1	2.872	22.05	71.1	SO312	.0309U	8.7076	0.6	F
9023	22626.42	24 52N	66 59E	79.9	187.1	2.872	17.50	71.0	SO312	.0409U	9.1777	0.8	V
9024	22629.42	24 52N	66 59E	81.1	187.1	2.872	17.85	71.0	SO312	.0409U	8.9055	1.2	A
26B 5001	27341.02	66 20N	57 17E	84.8	196.0	1.113	-24.15	59.4	SD312	.0226U	8.6077	0.6	V
5002	27455.82	57 52N	53 13E	77.0	192.1	1.810	-11.90	47.3	SO312	.0415U	9.5064	0.6	V
5003	27458.62	57 52N	53 13E	77.8	192.0	2.033	-11.90	47.3	SO312	.0415U	9.3250	0.6	A
5004	27467.22	56 53N	53 10E	76.5	191.8	2.033	-3.15	48.2	SO312	.0415U	9.4569	0.4	F
5005	27469.82	56 53N	53 10E	75.6	191.8	2.033	-2.80	48.2	SO312	.0415U	9.6878	0.6	V
5006	27671.62	43 1N	47 30E	86.2	188.8	2.170	-31.85	59.6	SO312	.0315U	8.3603	0.6	F
5007	27674.82	43 1N	47 30E	84.9	188.8	2.170	-31.50	59.6	SO312	.0315U	8.6159	0.6	V
5008	27679.22	42 54N	47 38E	82.3	188.7	2.385	-26.95	59.8	SO312	.0226U	8.8385	0.6	A
5009	27686.82	42 5N	48 16E	73.7	188.7	2.733	-0.70	60.7	SO312	.0315U	9.9516	0.4	V
5010	27690.02	42 4N	48 15E	74.3	188.6	2.733	-0.70	60.8	SO312	.0315U	9.7620	0.4	A
5011	28335.62	2 55S	40 13E	100.4	186.4	2.733	27.65	61.9	SO312	.0226U	7.2060	0.6	F
5012	28339.22	2 55S	40 13E	99.8	186.4	2.733	28.00	61.9	SO312	.0226U	7.2385	0.6	V
9001	27335.82	66 12N	57 22E	84.0	195.8	1.332	-21.35	39.6	SO312	.0309U	8.6169	0.6	A
9002	27346.22	65 14N	57 18E	79.0	195.4	1.475	-11.90	40.5	SO312	.0309U	9.2519	0.6	V
9003	27349.22	65 14N	57 18E	79.8	195.3	1.475	-11.55	40.5	SO312	.0309U	9.0745	0.6	A
9004	27398.82	61 19N	56 37E	84.8	193.6	1.810	21.70	44.3	SO312	.0409U	8.5510	0.6	F
9005	27405.02	61 19N	56 36E	84.8	193.4	1.687	22.05	44.3	SO312	.0409U	8.5262	0.6	A
9006	27433.82	58 57N	55 27E	86.4	192.6	1.810	24.85	46.5	SO312	.0309U	8.4025	0.6	F
9007	27449.22	58 14N	52 40E	84.9	192.2	1.687	-26.60	46.9	SO312	.0409U	8.4932	0.6	F
9008	27469.82	56 58N	53 10E	75.6	191.8	2.033	-2.80	48.2	SO312	.0409U	9.6889	0.4	V
9009	27472.62	56 58N	53 10E	76.4	191.7	2.033	-2.45	48.3	SO312	.0409U	9.4745	0.4	A
9010	27535.22	52 9N	52 5E	80.5	190.5	2.170	17.85	52.6	SO312	.0409U	9.0210	1.0	F
9011	27541.02	52 9N	52 5E	80.7	190.5	2.033	18.55	52.6	SO312	.0409U	8.9633	1.0	A
9012	27549.02	51 16N	51 27E	77.3	190.3	2.385	9.80	53.3	SO312	.0409U	9.3756	0.4	F
9013	27552.22	51 14N	51 23E	76.0	190.3	2.170	8.75	53.3	SD312	.0409U	9.6477	0.4	V
9014	27555.02	51 14N	51 23E	77.0	190.2	2.170	9.10	53.3	SO312	.0409U	9.4085	0.4	A
9015	27571.22	50 7N	51 11E	76.5	190.0	2.170	14.35	54.3	SO312	.0409U	9.2106	0.4	A
9016	27590.22	48 52N	49 45E	76.5	189.7	2.385	-12.95	55.4	SO312	.0409U	9.4580	0.8	F
9017	27595.62	48 53N	49 45E	76.2	189.7	2.385	-12.25	55.4	SO312	.0409U	9.5075	1.0	A
9018	27702.22	40 51N	49 26E	101.4	188.5	2.033	40.95	62.3	SO312	.0168U	7.2234	1.0	V
9019	27706.02	40 50N	49 27E	103.4	188.5	1.810	41.65	62.3	SO312	.0168U	6.9760	0.8	A
9020	28011.82	20 1N	42 38E	86.0	186.8	3.090	-32.55	70.7	SO312	.0309U	8.2459	1.0	A
9021	28031.02	18 14N	42 49E	77.9	186.8	3.211	-15.05	71.2	SO312	.0309U	9.2766	0.6	F
9022	28036.62	18 14N	42 49E	77.8	186.8	3.439	-14.35	71.2	SO312	.0309U	9.3096	0.6	A
9023	28050.02	16 55N	42 33E	79.7	186.7	3.211	-16.10	71.0	SO312	.0409U	9.0540	0.8	F
9024	28055.62	16 56N	42 33E	79.6	186.7	3.439	-15.40	71.0	SO312	.0409U	9.0952	1.0	A
9025	28071.62	15 24N	42 37E	78.1	186.7	3.439	-1.75	71.1	SO312	.0220U	9.2601	0.8	F
9026	28078.62	14 51N	42 57E	82.9	186.7	3.211	15.75	71.4	SO312	.0409U	8.7571	0.6	F
9027	28107.62	13 3N	42 45E	85.7	186.6	2.872	21.35	71.0	SO312	.0309U	8.5345	0.8	V
9028	28110.82	13 2N	42 45E	87.3	186.6	2.872	22.05	71.1	SO312	.0309U	8.2376	0.6	A
9029	28116.22	12 14N	42 38E	87.2	186.6	3.090	22.05	70.8	SO312	.0309U	8.3201	1.0	F
9030	28135.42	11 0N	42 22E	85.1	186.6	2.872	19.60	70.3	SO312	.0309U	8.5922	1.0	V
9031	28154.82	9 50N	41 48E	80.5	186.5	3.439	7.00	69.4	SO312	.0309U	8.9880	0.6	F
9032	28161.62	9 19N	42 8E	87.6	186.5	2.872	23.10	69.6	SO312	.0309U	8.3448	0.4	V
9033	28164.82	9 19N	42 8E	89.0	186.5	2.872	23.45	69.6	SO312	.0309U	8.0727	0.4	A
9034	28339.22	2 55S	40 13E	99.8	186.4	2.733	28.00	61.9	SO312	.0220U	7.2893	0.4	V
9035	28342.82	2 55S	40 13E	101.8	186.4	2.511	28.70	62.0	SO312	.0220U	7.0254	0.6	A
9036	28443.62	10 19S	38 47E	100.0	186.5	2.872	21.70	55.9	SO312	.0309U	7.2234	1.0	F
9037	28447.62	10 21S	38 47E	99.6	186.5	2.872	22.40	55.8	SO312	.0309U	7.2893	0.6	V
9038	28451.42	10 21S	38 47E	101.4	186.5	2.872	22.75	55.9	SO312	.0309U	7.0337	0.6	A
9039	28456.62	10 45S	38 47E	103.2	186.5	2.511	24.85	55.6	SO312	.0309U	6.9018	0.8	A
27D 5001	32645.62	66 0N	34 42E	86.9	195.8	1.113	-27.30	39.8	SO312	.0415U	8.3933	0.4	V
5002	32648.32	65 60N	34 43E	87.8	195.7	1.332	-27.30	39.8	SO312	.0415U	8.2614	0.4	A
5003	32721.02	60 44N	33 35E	78.5	193.2	1.810	11.20	44.8	SO312	.0415U	9.3332	0.6	V
5004	32723.82	60 44N	33 35E	79.5	193.1	1.810	11.55	44.8	SO312	.0415U	9.1189	0.6	A
5005	32731.62	60 7N	32 20E	76.8	192.9	1.810	-8.40	45.3	SD312	.0415U	9.5229	0.6	V
5006	32734.42	60 7N	32 20E	77.6	192.8	1.810	-8.05	45.3	SO312	.0415U	9.3415	0.6	A
5007	32738.22	59 50N	32 22E	77.2	192.7	1.810	-4.55	45.6	SO312	.0415U	9.3992	0.4	A
5008	32750.62	58 51N	31 30E	77.5	192.4	1.810	-13.30	46.4	SO312	.0415U	9.4362	0.6	V
5009	32951.22	45 1N	26 26E	77.5	189.1	2.385	-17.85	58.3	SO312	.0315U	9.3250	0.6	F
5010	32954.02	45 1N	26 26E	76.5	189.1	2.385	-17.50	58.3	SO312	.0315U	9.5806	0.6	V
5011	32967.02	44 8N	26 6E	77.6	188.9	2.385	-20.30	58.9	SO312	.0315U	9.4404	0.6	V
5012	32969.82	44 8N	26 6E	78.4	188.9	2.385	-19.95	58.9	SO312	.0315U	9.2755	0.6	A
5013	32981.62	42 51N	26 38E	75.7	188.8	2.733	8.05	60.3	SO312	.0315U	9.5888	0.6	F
5014	32984.42	42 51N	26 38E	74.8	188.8	2.511	8.40	60.3	SO312	.0315U	9.7950	0.4	V
5015	32994.02	42 1N	26 21E	74.9	188.7	2.733	5.95	60.9	SO312	.0315U	9.6078	0.6	F

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
270 5016	32996.82	42 0N	26 20E	74.1	188.6	2.511	6.30	60.9	S0312	.0315U	9.9021	0.4	V
5017	33010.42	40 54N	25 55E	74.6	188.5	2.733	1.40	61.7	S0312	.0315U	9.7125	0.4	F
5018	33013.02	40 55N	25 55E	73.8	188.5	2.733	1.40	61.7	S0312	.0315U	9.9351	0.4	V
5019	33138.82	32 3N	24 2E	76.4	187.6	2.872	9.45	67.7	S0312	.0315U	9.5064	0.4	F
5020	33141.42	32 4N	24 2E	75.6	187.6	2.872	9.45	67.7	S0312	.0315U	9.6960	1.2	V
5021	33721.81	7 44S	15 17E	110.8	186.5	3.211	-39.55	56.8	S0312	.0226U	6.5959	0.8	V
5022	33726.01	7 44S	15 16E	112.2	186.5	3.439	-39.55	56.8	S0312	.0226U	6.4310	0.6	A
5023	33737.41	9 9S	16 10E	89.6	186.5	3.439	-3.15	56.4	S0312	.0315U	8.0305	0.6	F
5024	33740.61	9 9S	16 11E	88.8	186.5	3.439	-2.10	56.4	S0312	.0315U	8.1789	0.8	V
5025	33768.61	11 17S	15 45E	90.7	186.5	3.439	+4.90	54.6	S0312	.0315U	7.9233	0.8	F
5026	33778.21	11 24S	15 6E	99.2	186.6	3.574	-25.90	54.1	S0312	.0226U	7.2555	0.8	A
5027	33794.01	12 49S	15 36E	91.1	186.6	3.439	0.00	53.4	S0312	.0315U	7.9646	0.6	V
5028	33797.41	12 49S	15 36E	92.5	186.6	3.439	0.70	53.4	S0312	.0315U	7.7419	0.6	A
5029	33822.41	14 45S	14 59E	93.0	186.6	3.439	+9.80	51.6	S0312	.0315U	7.7914	0.4	V
5030	33858.21	17 24S	14 22E	97.1	186.7	3.439	-14.00	49.2	S0312	.0226U	7.3792	0.8	F
5031	33865.21	17 23S	14 23E	97.3	186.7	3.439	-12.95	49.2	S0312	.0226U	7.3544	1.0	A
9001	32606.22	68 24N	38 40E	78.8	197.6	1.332	3.50	37.6	S0312	.0409U	9.2766	0.8	V
9002	32609.22	68 23N	38 40E	79.7	197.5	1.332	3.85	37.6	S0312	.0409U	9.0622	0.8	A
9003	32660.82	64 57N	34 17E	83.8	195.2	1.332	-23.45	40.8	S0312	.0309U	8.7241	0.8	V
9004	32664.02	64 56N	34 17E	84.5	195.1	1.332	-23.10	40.8	S0312	.0309U	8.5674	0.8	A
9005	32700.62	61 55N	34 11E	79.1	193.8	1.810	9.10	43.7	SD312	.0409U	9.1447	0.8	F
9006	32706.22	61 55N	34 10E	79.1	193.6	1.687	9.45	43.7	SD312	.0409U	9.1447	0.8	A
9007	32715.22	60 50N	34 14E	84.8	193.4	1.810	22.05	44.8	S0312	.0409U	8.5510	0.6	F
9008	32731.62	60 7N	32 20E	76.8	192.9	1.810	-8.40	45.3	S0312	.0409U	9.5240	0.6	V
9009	32734.42	60 7N	32 20E	77.6	192.8	1.810	-8.05	45.3	S0312	.0409U	9.3426	0.6	A
9010	32755.22	58 53N	31 16E	78.0	192.3	1.810	-15.05	46.7	S0312	.0409U	9.3756	0.4	V
9011	32758.02	58 53N	31 16E	78.8	192.3	1.810	-14.70	46.7	SD312	.0409U	9.1941	0.4	A
9012	32769.82	57 21N	32 34E	95.6	192.0	1.810	25.90	48.0	S0312	.0409U	8.5674	0.4	V
9013	32772.82	57 22N	32 33E	86.5	191.9	1.810	25.90	48.0	S0312	.0409U	8.3531	0.4	A
9014	32779.82	56 40N	32 20E	87.2	191.8	1.810	28.00	48.7	S0312	.0309U	8.4108	0.8	V
9015	32783.02	56 40N	32 20E	88.1	191.7	1.810	28.00	48.7	S0312	.0309U	8.2046	0.8	A
9016	32800.02	55 17N	30 16E	76.3	191.3	2.033	-5.95	49.7	S0312	.0409U	9.4828	0.8	F
9017	32805.42	55 17N	30 16E	76.1	191.2	2.170	-5.25	49.7	S0312	.0409U	9.5157	1.0	A
9018	32811.42	54 28N	30 19E	76.3	191.1	2.170	3.85	50.5	S0312	.0409U	9.4828	0.8	F
9019	32815.42	54 26N	30 18E	75.2	191.1	2.170	2.45	50.5	S0312	.0409U	9.7384	0.6	V
9020	32818.22	54 26N	30 18E	76.1	191.0	2.170	2.80	50.5	S0312	.0409U	9.5157	0.6	A
9021	32825.62	53 29N	30 8E	77.3	190.9	2.170	9.10	51.4	S0312	.0409U	9.3756	0.6	F
9022	32828.42	53 29N	30 8E	76.4	190.8	2.170	9.45	51.4	S0312	.0409U	9.5900	0.6	V
9023	32836.02	53 2N	29 15E	75.4	190.7	2.170	-9.45	51.6	S0312	.0409U	9.7136	0.6	V
9024	32838.82	53 2N	29 15E	76.2	190.6	2.170	-9.10	51.6	S0312	.0409U	9.5075	0.6	A
9025	32846.22	52 16N	29 22E	74.8	190.5	2.170	1.05	52.3	S0312	.0409U	9.7961	0.6	V
9026	32849.02	52 16N	29 22E	75.6	190.5	2.170	1.40	52.3	S0312	.0409U	9.5735	0.6	A
9027	32853.42	51 48N	29 19E	75.1	190.4	2.170	4.55	52.8	S0312	.0409U	9.7549	0.4	V
9028	32857.42	51 46N	29 13E	75.7	190.3	2.170	3.15	52.9	S0312	.0409U	9.5570	0.4	A
9029	32863.82	51 8N	28 42E	74.6	190.2	2.170	-5.95	53.3	S0312	.0409U	9.8126	0.4	V
9030	32866.62	51 8N	28 42E	75.4	190.2	2.385	-5.95	53.3	S0312	.0409U	9.5982	0.4	A
9031	32874.42	50 11N	28 45E	75.7	190.1	2.385	4.20	54.2	S0312	.0409U	9.5652	0.8	F
9032	32879.82	50 11N	28 45E	75.7	190.0	2.385	4.90	54.2	S0312	.0409U	9.5570	0.8	A
9033	32888.22	49 26N	28 31E	74.8	189.9	2.385	5.25	54.8	S0312	.0409U	9.7961	0.6	V
9034	32891.02	49 25N	28 31E	75.7	189.8	2.385	5.60	54.9	SD312	.0409U	9.5570	0.6	A
9035	32928.62	46 30N	26 55E	77.0	189.4	2.385	-16.10	57.0	S0312	.0309U	9.3858	1.0	F
9036	32934.22	46 30N	26 55E	76.7	189.3	2.385	-15.40	57.1	S0312	.0409U	9.4498	0.8	A
9037	32954.02	45 1N	26 26E	76.5	189.1	2.385	-17.50	58.3	S0312	.0409U	9.5817	0.4	V
9038	32956.82	45 1N	26 26E	77.2	189.0	2.385	-17.15	58.3	S0312	.0309U	9.3920	0.4	A
9039	32961.62	44 40N	26 7E	78.6	189.0	2.385	-22.40	58.6	S0312	.0309U	9.3096	0.8	V
9040	32984.42	42 50N	26 38E	74.8	188.8	2.511	-8.40	60.3	S0312	.0309U	9.7961	0.4	V
9041	32987.02	42 51N	26 38E	75.8	188.7	2.511	8.75	60.3	S0312	.0309U	9.5487	0.6	A
9042	32996.82	41 60N	26 20E	74.1	188.6	2.511	6.30	60.9	S0312	.0409U	9.9033	0.4	V
9043	32999.42	42 0N	26 20E	75.0	188.6	2.511	6.65	60.9	S0312	.0309U	9.6477	0.4	A
9044	33013.22	40 56N	25 54E	73.8	188.5	2.733	1.40	61.7	S0312	.0409U	9.9363	0.6	V
9045	33016.02	40 56N	25 53E	74.7	188.5	2.733	1.40	61.7	S0312	.0309U	9.6972	1.2	A
9046	33030.42	39 57N	25 14E	75.7	188.4	2.733	-12.95	62.2	S0312	.0220U	9.5735	0.6	A
9047	33045.22	38 28N	26 8E	87.4	188.2	2.511	28.70	63.9	S0312	.0309U	8.3036	1.0	F
9048	33048.42	38 28N	26 7E	86.3	188.2	2.511	28.70	63.9	S0312	.0309U	8.4767	0.4	V
9049	33092.82	35 21N	25 11E	82.1	187.9	2.511	23.45	65.9	S0312	.0309U	8.9385	0.6	V
9050	33097.62	35 18N	25 20E	87.5	187.9	2.511	29.05	66.1	S0312	.0168U	8.2459	0.8	A
9051	33146.62	31 54N	23 54E	75.8	187.6	2.872	6.65	67.8	S0312	.0309U	9.5405	1.0	A
9052	33173.02	29 54N	23 21E	74.2	187.4	3.090	1.05	68.7	S0312	.0220U	9.8786	1.0	V
9053	33200.42	28 5N	22 23E	78.5	187.3	3.090	-21.70	69.1	S0312	.0309U	9.3261	1.4	V
9054	33331.62	19 4N	20 27E	85.0	186.8	3.090	-29.40	70.8	S0312	.0309U	8.6004	0.6	V
9055	33335.42	18 60N	20 30E	83.9	186.8	3.090	-26.25	70.9	S0312	.0309U	8.6334	1.0	A
9056	33377.22	15 49N	20 46E	78.1	186.7	3.211	7.00	71.4	S0312	.0220U	9.3591	1.0	V
9057	33516.22	6 33N	18 17E	88.7	186.5	3.439	-26.25	67.1	S0312	.0309U	8.1469	1.0	A
9058	33540.42	4 26N	18 36E	82.6	186.4	3.439	0.00	66.4	S0312	.0309U	8.7406	0.8	F
9059	33543.42	4 26N	18 35E	81.8	186.4	3.439	0.00	66.4	S0312	.0309U	8.9138	0.8	V
9060	33551.62	4 4N	18 8E	84.7	186.4	3.574	-15.75	65.9	S0312	.0309U	8.5180	1.0	A
9061	33702.81	6 51S	16 13E	90.4	186.5	3.439	-18.20	58.2	S0312	.0309U	8.0397	0.6	V
9062	33711.21	6 55S	16 36E	88.8	186.5	3.439	-0.35	58.2	S0312	.0309U	8.0644	0.8	A
9063	33721.61	7 44S	15 18E	109.9	186.5	3.211	-39.55	56.8	S0312	.0220U	6.5967	0.8	V
9064	33745.61	9 32S	16 22E	90.6	186.5	3.211	7.35	56.2	S0312	.0309U	8.0150	0.8	V
9065	33749.01	9 32S	16 22E	92.1	186.5	3.211	8.05	56.2	SD312	.0309U	7.7676	0.8	A
9066	33789.41	12 45S	15 46E	92.8	186.6	3.211	5.25	53.5	S0312	.0309U	7.7511	0.8	F
9067	33831.41	15 32S	14 3E	110.0	186.7	3.211	-33.95	50.4	S0312	.0309U	6.4812	0.6	F
9068	33835.21	15 31S	14 4E	108.1	186.7	3.211	-33.25	50.4	S0312	.0309U	6.6874	0.6	V
9069	33836.41	15 36S	14 3E	108.2	186.7	3.211	-33.25	50.3	S0312	.0309U	6.6874	0.6	V
9070	33840.41	15 36S	14 3E	109.1	186.7	3.439	-32.90	50.4	S0312	.0309U	6.5719	0.6	A
9071	33845.41	16 15S	14 19E	99.3	186.7	3.439	-22.40	50.0	SD312	.0309U	7.2976	0.6	V

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
270 9072	33849.21	16 16S	14 18E	100.5	186.7	3.439	-22.05	50.0	S0312	.0309U	7.1244	0.6	A
9073	33875.61	18 3S	13 52E	103.9	186.8	3.574	-25.20	48.4	S0312	.0309U	6.8853	0.6	A
271 9001	38155.01	52 22N	6 42E	76.4	190.5	2.170	-14.35	52.2	S0312	.0409U	9.5817	0.6	V
9002	38157.81	52 22N	6 42E	77.1	190.5	2.170	-14.00	52.2	S0312	.0409U	9.3920	0.6	A
9003	38222.21	47 36N	4 53E	79.8	189.6	2.170	-22.40	56.1	S0312	.0309U	9.0292	1.0	F
9004	38228.01	47 36N	4 53E	79.5	189.5	2.386	-22.05	56.1	S0312	.0309U	9.1282	0.8	A
9005	38247.01	45 47N	5 30E	77.3	189.3	2.511	12.25	58.0	S0312	.0309U	9.3838	1.0	F
9006	38252.61	45 47N	5 29E	77.5	189.2	2.386	12.95	58.0	S0312	.0309U	9.3261	1.0	A
9007	38268.41	44 22N	4 44E	74.8	189.0	2.511	1.40	59.0	S0312	.0409U	9.6889	1.0	F
9008	38273.81	44 22N	4 45E	74.9	189.0	2.511	2.45	59.0	S0312	.0409U	9.6724	1.0	A
9009	38282.01	43 35N	4 58E	77.8	188.9	2.511	16.10	59.8	S0312	.0220U	9.4250	0.6	V
9010	38284.81	43 35N	4 58E	78.9	188.8	2.511	16.45	59.8	S0312	.0220U	9.1612	0.8	A
9011	38423.41	33 50N	2 53E	85.6	187.7	2.386	28.70	67.0	S0312	.0309U	8.5592	0.8	V
9012	38426.41	33 51N	2 53E	87.0	187.7	2.386	29.05	67.0	S0312	.0309U	8.2871	0.8	A
9013	38483.81	29 37N	0 50E	75.8	187.4	3.090	-12.60	68.6	S0312	.0309U	9.5322	1.0	F
9014	38492.21	29 16N	0 18E	82.5	187.4	2.872	-28.70	68.5	S0312	.0309U	8.8643	1.0	V
9015	38731.61	12 24N	1 30W	89.2	186.6	2.872	24.50	70.9	S0312	.0309U	8.1387	0.8	F
9016	38734.81	12 24N	1 30W	88.6	186.6	2.872	24.85	70.9	S0312	.0309U	8.2541	0.8	V
273 5001	49802.21	18 43S	52 23W	100.1	186.8	3.439	-18.90	47.9	S0312	.0315U	7.1483	1.0	F
5002	49816.81	19 43S	52 36W	101.6	186.8	3.439	-19.95	47.0	S0312	.0315U	7.0329	0.8	F
5003	49944.61	29 14S	54 52W	115.6	187.4	3.211	-26.60	38.3	S0312	.0315U	6.1589	0.8	A
9001	49796.81	18 21S	52 35W	105.2	186.8	3.439	-26.95	48.0	S0312	.0309U	6.7863	1.0	F
9002	49808.81	18 55S	52 34W	102.0	186.8	3.439	-23.10	47.6	S0312	.0309U	7.0914	1.4	V
9003	49812.61	19 26S	52 39W	103.1	186.8	3.439	-22.75	47.2	S0312	.0309U	6.9182	1.0	F
9004	49821.01	19 46S	52 32W	99.3	186.8	3.439	-16.80	47.0	S0312	.0309U	7.2811	0.8	V
9005	49825.21	19 47S	52 41W	102.7	186.8	3.439	-20.65	46.9	S0312	.0309U	6.9595	0.8	A
9006	49873.61	23 16S	53 53W	116.2	187.0	3.211	-33.95	43.5	S0312	.0309U	6.2008	1.0	V
9007	49944.61	28 26S	54 57W	121.3	187.3	2.872	-32.90	38.8	S0312	.0309U	5.8463	0.4	F
9008	49955.01	28 41S	53 38W	105.7	187.3	2.872	4.55	39.2	S0312	.0309U	6.7039	1.0	A
274 5001	55036.20	13 7S	74 11W	114.6	186.6	3.439	-39.55	52.3	S0312	.0226U	6.2743	1.0	A
275 5001	59885.20	17 43N	89 31W	77.8	186.7	3.211	4.20	71.6	S0312	.0315U	9.3167	0.6	F
9001	59838.40	20 6ON	89 36W	81.9	186.9	3.090	-23.80	70.9	S0312	.0309U	8.8148	1.2	F
9002	59844.40	20 5ON	89 36W	81.6	186.9	3.211	-23.10	71.0	S0312	.0309U	8.8726	1.2	A
9003	59889.40	17 2ON	89 37W	77.7	186.7	3.211	2.10	71.5	S0312	.0309U	9.3261	0.8	F
9004	59894.40	17 1ON	89 36W	77.3	186.7	3.211	4.90	71.5	S0312	.0309U	9.4663	1.0	V
9005	59927.80	15 7N	89 27W	89.7	186.6	2.733	26.25	71.7	S0312	.0309U	8.0067	0.6	A
276 9001	65000.60	31 1N	108 50W	75.4	187.5	2.872	11.55	68.4	S0312	.0309U	9.7219	1.0	V
9002	65009.00	30 51N	109 38W	75.1	187.4	3.090	-16.10	68.2	S0312	.0309U	9.7466	1.0	V
9003	65015.60	30 4N	109 46W	75.9	187.4	3.090	-17.15	68.4	S0312	.0309U	9.6559	0.8	V
9004	65038.00	28 43N	108 54W	85.7	187.3	2.511	28.35	70.0	S0312	.0309U	8.5510	1.0	V
9005	65055.80	27 26N	109 50W	75.5	187.2	3.090	2.10	69.9	S0312	.0309U	9.5652	1.0	A
9006	65100.00	24 11N	110 17W	76.8	187.0	3.090	9.45	71.1	S0312	.0309U	9.5405	0.6	V
9007	65102.80	24 11N	110 18W	77.7	187.0	3.090	9.45	71.1	S0312	.0309U	9.2766	1.4	A
9008	65174.60	18 47N	110 55W	86.3	186.8	2.872	23.80	72.1	S0312	.0309U	8.4190	1.2	F
281 9001	5036.99	38 10N	140 56E	86.1	188.2	2.386	-32.55	63.4	S0312	.0220U	8.3778	1.0	F
9002	5064.19	36 18N	140 34E	84.8	188.0	2.511	-31.15	64.6	S0312	.0220U	8.4932	0.8	F
9003	5067.19	36 18N	140 34E	83.5	188.0	2.511	-30.80	64.6	S0312	.0220U	8.7571	1.0	V
9004	5071.79	36 13N	140 26E	87.0	187.9	2.511	-33.60	64.6	S0312	.0220U	8.3366	0.8	A
9005	5776.39	12 39S	132 54E	99.0	186.6	2.872	18.90	53.7	S0312	.0309U	7.3305	0.6	V
9006	5779.99	12 39S	132 55E	100.9	186.6	2.872	19.60	53.7	S0312	.0309U	7.0584	0.6	A
9007	5795.59	13 54S	131 25E	101.9	186.6	3.574	-26.25	52.1	S0312	.0309U	7.0502	0.6	A
9008	5819.19	15 15S	131 36E	95.6	186.7	3.574	-10.15	51.0	S0312	.0309U	7.4707	1.4	A
282 5001	10098.18	55 10N	124 44E	75.1	191.6	2.033	-8.40	50.0	S0312	.0315U	9.7455	0.6	V
5002	10306.18	40 42N	120 52E	77.6	188.5	2.733	14.35	62.2	S0312	.0315U	9.3580	0.4	F
5003	10308.98	40 42N	120 52E	76.9	188.5	2.511	15.05	62.2	S0312	.0315U	9.5394	0.4	V
5004	10349.58	37 42N	120 14E	79.6	188.1	2.733	18.55	64.4	S0312	.0315U	9.1189	0.4	F
5005	10352.38	37 42N	120 14E	79.0	188.1	2.511	19.25	64.4	S0312	.0315U	9.2838	0.4	V
5006	10465.38	29 52N	117 20E	79.9	187.4	2.872	-23.45	68.5	S0312	.0315U	9.0282	0.6	F
5007	10468.18	29 52N	117 20E	78.9	187.4	2.872	-23.10	68.5	S0312	.0315U	9.2755	0.6	V
5008	10734.38	11 28N	114 21E	78.7	186.6	3.439	-3.85	69.9	S0312	.0315U	9.2838	0.4	V
5009	10742.78	11 5N	114 17E	79.9	186.5	3.439	-3.15	69.8	S0312	.0315U	9.0364	0.6	A
9001	10317.78	40 0N	119 45E	77.0	188.4	2.733	-18.20	62.3	S0312	.0309U	9.3756	0.8	F
9002	10323.38	40 0N	119 44E	76.8	188.4	2.733	-17.50	62.3	S0312	.0309U	9.4498	0.8	A
9003	10352.38	37 42N	120 14E	79.0	188.1	2.511	19.25	64.4	S0312	.0309U	9.2849	0.4	V
9004	10355.18	37 42N	120 14E	80.2	188.1	2.511	19.60	64.4	S0312	.0309U	9.0127	0.4	A
9005	10365.98	37 2N	119 19E	74.5	188.0	2.872	-7.70	64.5	S0312	.0309U	9.7301	0.6	A
9006	10736.98	11 5N	114 18E	79.7	186.6	3.439	-3.85	69.7	S0312	.0309U	9.0705	1.0	F
9007	10773.18	9 1N	113 42E	81.7	186.5	3.574	-12.25	68.6	S0312	.0309U	8.8231	0.8	A
9008	10789.78	7 25N	113 50E	81.8	186.5	3.439	3.85	68.2	S0312	.0309U	8.8313	1.4	F
283 5001	15600.18	42 4N	98 20E	74.4	188.6	2.733	-11.55	60.9	S0312	.0315U	9.7702	0.4	A

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
283 5002	15611.78	40 51N	98 32E	74.2	188.5	2.733	5.95	62.0	SO312	.03150	9.7785	0.6	F
5003	15621.78	40 15N	97 21E	81.8	188.4	2.385	-28.35	62.0	SO312	.02260	8.8220	0.6	F
5004	15624.58	40 16N	97 22E	80.7	188.4	2.385	-28.00	62.0	SO312	.02260	9.0776	0.8	V
5005	15632.78	39 51N	97 34E	76.0	188.3	2.733	-18.55	62.4	SO312	.03150	9.5641	0.6	A
5006	15799.78	28 12N	94 47E	81.2	187.3	2.872	-26.60	69.1	SO312	.02260	9.0117	0.6	V
5007	15934.58	18 31N	94 23E	91.1	186.8	2.733	29.05	72.3	SO312	.02260	7.9811	1.2	F
9001	15624.58	40 15N	97 21E	80.7	188.4	2.385	-28.00	62.0	SO312	.02200	9.0787	0.6	V
9002	15627.58	40 15N	97 21E	81.4	188.4	2.385	-27.65	62.0	SO312	.02200	8.9220	0.6	A
9003	15899.38	21 27N	94 9E	76.5	186.9	3.211	0.70	71.5	SO312	.03090	9.4333	0.8	A
9004	15922.98	19 28N	93 32E	77.6	186.8	3.439	-10.50	71.4	SO312	.03090	9.3178	0.8	F
9005	15941.38	18 30N	94 18E	89.8	186.8	2.511	27.65	72.3	SO312	.03090	7.9902	1.0	A
9006	16037.18	11 43N	92 44E	82.9	186.6	3.090	15.05	70.4	SO312	.04090	8.8066	1.0	V
9007	16040.38	11 42N	92 44E	84.1	186.6	3.090	15.40	70.4	SO312	.04090	8.5345	0.8	A
284 5001	20853.98	45 8N	78 29E	88.4	189.2	2.385	30.45	58.9	SO312	.02260	8.2284	0.4	F
5002	20857.18	45 8N	78 30E	87.9	189.1	2.170	31.15	59.0	SO312	.02260	8.3521	0.4	V
5003	20859.98	45 10N	78 28E	88.3	189.1	2.170	30.45	58.9	SO312	.02260	8.2337	1.0	A
5004	20938.58	39 29N	76 1E	74.6	188.3	2.733	3.50	63.0	SO312	.02260	9.7290	0.6	F
5005	20941.18	39 29N	76 1E	73.8	188.3	2.733	3.85	63.0	SO312	.02260	9.9269	0.6	V
5006	20993.98	35 57N	74 20E	79.0	187.9	2.733	-25.55	65.0	SO312	.02260	9.2673	0.6	V
5007	20998.38	35 57N	74 6E	83.0	187.9	2.511	-29.75	65.3	SO312	.02260	8.6819	0.6	F
5008	21041.98	32 52N	74 34E	75.8	187.6	2.872	10.85	67.7	SO312	.02260	9.6713	0.4	V
5009	21044.78	32 52N	74 34E	76.9	187.6	2.872	11.20	67.7	SO312	.02260	9.4157	0.4	A
5010	21051.38	31 50N	74 45E	83.2	187.6	2.733	23.45	68.4	SO312	.02260	8.7396	0.6	F
5011	21054.38	31 50N	74 45E	82.6	187.5	2.511	24.15	68.4	SO312	.02260	8.8715	0.6	V
5012	21066.18	30 46N	73 22E	78.7	187.5	2.872	-21.00	68.1	SO312	.02260	9.1766	0.6	F
5013	21087.78	29 43N	73 53E	76.3	187.4	2.872	10.85	69.3	SO312	.02260	9.6136	0.6	V
5014	21090.58	29 43N	73 53E	77.4	187.4	2.872	11.20	69.3	SO312	.02260	9.3580	0.6	A
9001	20492.18	69 37N	90 22E	79.5	198.9	1.332	4.90	36.7	SO312	.04090	9.0869	0.8	F
9002	20497.78	69 37N	90 23E	79.4	198.5	1.113	5.60	36.7	SO312	.04090	9.1034	1.0	A
9003	20542.78	66 37N	86 13E	80.5	196.2	1.332	-17.85	39.5	SO312	.03090	9.0787	0.8	V
9004	20545.78	66 37N	86 12E	81.4	196.1	1.332	-17.85	39.5	SO312	.03090	8.8890	0.8	A
9005	20707.58	55 4N	82 11E	90.6	191.3	2.033	31.15	50.4	SO312	.02200	8.0150	0.6	F
9006	20714.38	55 2N	82 16E	93.0	191.2	1.810	33.60	50.4	SO312	.02200	7.7758	0.6	A
9007	20726.38	53 51N	81 17E	83.9	191.0	2.170	23.80	51.4	SO312	.03090	8.6582	0.4	F
9008	20729.38	53 51N	81 18E	83.4	190.9	2.170	24.50	51.4	SO312	.03090	8.7983	0.4	V
9009	20730.38	53 47N	81 17E	83.4	190.9	2.170	24.50	51.5	SO312	.03090	8.7901	0.4	V
9010	20744.38	53 5N	78 39E	87.3	190.7	1.810	-33.25	51.6	SO312	.03090	8.5943	0.8	V
9011	20747.58	53 5N	78 39E	88.1	190.6	2.033	-33.25	51.6	SO312	.03090	8.2294	0.8	A
9012	20784.98	50 0N	78 51E	74.6	190.0	2.385	-2.45	54.5	SO312	.04090	9.6972	1.2	F
9013	20790.38	50 0N	78 51E	74.6	190.0	2.385	-1.75	54.5	SO312	.04090	9.7054	1.0	A
9014	20873.78	43 56N	77 2E	74.0	188.9	2.733	-2.10	59.5	SO312	.03090	9.7879	0.6	F
9015	20876.78	43 55N	77 1E	73.2	188.9	2.511	-1.40	59.6	SO312	.03090	10.0187	0.4	V
9016	20884.38	43 14N	76 37E	74.4	188.8	2.511	-9.45	60.0	SO312	.03090	9.7219	0.6	F
9017	20890.78	43 11N	76 24E	75.9	188.8	2.733	-15.40	60.0	SO312	.03090	9.5652	0.6	A
9018	20896.78	42 56N	76 5E	75.4	188.7	2.511	-21.00	60.4	SO312	.03090	9.7136	0.4	V
9019	20899.58	42 56N	76 5E	76.1	188.7	2.511	-20.65	60.4	SO312	.03090	9.5322	0.4	A
9020	20910.38	41 28N	75 58E	74.7	188.6	2.511	-15.40	61.3	SO312	.03090	9.6807	0.6	F
9021	20915.78	41 28N	75 59E	74.3	188.5	2.733	-14.35	61.3	SO312	.03090	9.7631	0.6	A
9022	20945.98	39 19N	76 12E	76.8	188.3	2.733	12.25	63.2	SO312	.02200	9.4085	0.6	A
9023	20987.58	36 31N	74 54E	73.5	188.0	2.872	-10.50	64.9	SO312	.03090	9.8621	0.8	A
9024	21011.58	34 59N	74 43E	72.3	187.8	2.872	-1.75	66.2	SO312	.03090	10.1424	0.6	V
9025	21014.78	34 26N	74 39E	73.6	187.8	2.872	-2.10	66.3	SO312	.03090	9.9610	0.6	V
9026	21024.58	33 09N	73 23E	92.4	187.7	2.385	-38.15	66.2	SO312	.02200	7.7923	0.8	F
9027	21027.78	33 10N	73 23E	90.9	187.7	2.385	-37.80	66.2	SO312	.02200	8.0480	1.0	V
9028	21076.18	30 0N	73 54E	75.7	187.4	3.090	5.95	69.0	SO312	.02200	9.5735	0.8	F
9029	21081.58	30 0N	73 55E	76.1	187.4	2.872	7.35	69.0	SO312	.02200	9.4992	1.0	A
9030	21104.58	28 4N	73 21E	75.1	187.3	3.090	0.00	69.7	SO312	.02200	9.6477	1.0	F
9031	21109.98	28 4N	73 21E	75.3	187.3	3.090	0.70	69.7	SO312	.02200	9.6064	1.0	A
9032	21129.78	26 19N	73 4E	75.7	187.2	3.090	2.80	70.4	SO312	.02200	9.5652	1.4	F
9033	21135.18	26 19N	73 4E	76.0	187.2	3.090	3.85	70.5	SO312	.02200	9.5075	1.4	A
9034	21181.98	23 1N	71 28E	87.0	187.0	2.872	-32.55	70.5	SO312	.03090	8.3943	0.8	V
9035	21185.18	23 1N	71 29E	87.6	187.0	3.090	-32.20	70.5	SO312	.03090	8.2788	0.8	A
9036	21197.98	21 49N	72 9E	75.9	186.9	3.211	2.10	71.5	SO312	.04090	9.6594	0.4	V
9037	21201.18	21 47N	72 11E	77.2	186.9	3.211	4.20	71.6	SO312	.03090	9.3508	0.8	A
285 5001	26718.57	6 50N	47 27E	82.6	186.5	3.439	5.95	67.9	SO312	.01710	8.7396	0.6	F
9001	25828.97	67 59N	64 46E	83.9	197.2	1.113	-23.80	38.2	SO312	.03090	8.6911	0.4	V
9002	25831.97	67 60N	64 45E	84.9	197.0	1.113	-23.80	38.2	SO312	.03090	8.5180	0.6	A
9003	25836.37	67 30N	64 21E	84.0	196.8	1.113	-24.15	38.6	SO312	.03090	8.6829	1.0	V
9004	25839.57	67 30N	64 20E	84.8	196.7	1.332	-24.15	38.6	SO312	.03090	8.5345	0.8	A
9005	25894.37	63 13N	63 28E	79.7	194.5	1.687	12.60	42.8	SO312	.04090	9.0787	1.0	F
9006	25900.17	63 10N	63 27E	79.7	194.3	1.687	12.95	42.8	SO312	.04090	9.0705	0.8	A
9007	26090.17	50 3N	56 58E	75.1	190.0	2.385	3.50	54.6	SO312	.04090	9.6477	0.8	F
9008	26095.57	50 3N	56 58E	75.1	190.0	2.385	4.20	54.6	SO312	.04090	9.5312	0.8	A
9009	26569.97	17 26N	49 52E	89.5	186.7	2.511	27.30	72.2	SO312	.03090	8.0262	0.8	A
9010	26596.37	15 44N	48 17E	83.2	186.7	3.439	-23.45	70.7	SO312	.03090	8.6911	1.0	A
9011	26718.77	6 48N	47 27E	82.7	186.5	3.439	5.95	67.9	SO312	.01680	8.7406	0.6	F
9012	26721.77	6 49N	47 25E	81.8	186.5	3.439	5.25	67.9	SO312	.03090	8.9138	0.6	V
9013	26724.77	6 49N	47 25E	83.0	186.5	3.439	5.60	67.9	SO312	.03090	8.6582	0.6	A
286 5001	31153.37	66 50N	44 42E	87.3	196.3	1.332	25.20	59.6	SO312	.02260	8.2944	0.4	A

Handle via
BYEMAN Channels
BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
286 5002	31226.37	61 40N	40 19E	77.8	193.6	1.687	11.55	44.3	SO312	.04150	9.4157	0.6	V
5003	31229.37	61 39N	40 19E	78.8	193.5	1.687	11.90	44.3	SO312	.04150	9.1931	0.4	A
5004	31307.37	56 0N	38 10E	84.3	191.6	1.810	26.25	49.4	SO312	.03150	8.6489	0.4	V
5005	31310.37	56 0N	38 11E	86.1	191.5	1.810	26.60	49.4	SO312	.03150	8.4180	0.6	A
5006	31459.17	45 57N	34 17E	85.5	189.2	2.385	26.95	58.5	SO312	.03150	8.5005	0.8	F
5007	31462.37	45 56N	34 17E	84.9	189.2	2.170	27.65	58.6	SO312	.03150	8.6407	0.6	V
5008	31466.17	45 9N	34 1E	82.9	189.2	2.385	23.80	58.9	SO312	.03150	8.7643	0.6	F
5009	31469.17	45 9N	34 0E	82.0	189.1	2.170	24.15	58.9	SO312	.03150	8.9375	0.6	V
5010	31478.17	44 55N	33 25E	75.9	189.0	2.385	12.25	59.2	SO312	.03150	9.6465	0.4	V
5011	31480.77	44 56N	33 26E	77.0	189.0	2.385	12.60	59.2	SO312	.03150	9.4074	0.6	A
5012	32274.97	10 24S	22 13E	91.1	186.5	3.439	0.00	55.2	SO312	.03150	7.8986	0.8	F
5013	32279.17	10 42S	22 14E	91.5	186.5	3.439	2.45	55.0	SO312	.02260	7.8574	0.6	F
5014	32392.37	17 60S	21 26E	105.0	186.8	2.733	19.95	49.0	SO312	.02260	6.7713	0.8	A
5015	32416.17	19 34S	20 28E	97.9	186.8	3.211	-2.10	47.2	SD312	.03150	7.2885	0.8	A
5016	32606.57	33 0S	17 57E	109.1	187.6	2.872	2.45	35.0	SO312	.04150	6.5299	0.4	F
5017	32610.57	33 0S	17 58E	108.3	187.7	2.872	3.15	35.0	SO312	.04150	6.6371	0.4	V
5018	32618.37	33 54S	18 26E	117.9	187.7	2.511	19.25	34.5	SO312	.03150	6.0600	0.6	F
5019	32622.77	33 54S	18 26E	117.2	187.7	2.511	19.60	34.5	SO312	.03150	6.1342	0.6	V
9001	31144.37	67 6N	44 18E	79.8	196.7	1.475	13.30	39.1	SO312	.03090	9.1777	0.6	V
9002	31147.37	67 5N	44 19E	80.8	196.6	1.475	13.65	39.2	SO312	.03090	8.9550	0.4	A
9003	31149.17	64 56N	39 50E	88.1	194.8	1.332	-29.75	41.3	SO312	.04090	8.2129	0.8	A
9004	31208.97	62 52N	40 36E	76.2	194.2	1.687	2.45	43.1	SO312	.04090	9.6064	0.6	V
9005	31211.77	62 52N	40 35E	77.0	194.1	1.687	2.45	43.1	SO312	.04090	9.3920	0.6	A
9006	31282.37	58 2N	38 54E	86.5	192.1	1.810	22.75	47.7	SO312	.04090	8.6582	0.4	A
9007	31299.77	56 27N	38 12E	83.9	191.7	2.033	23.45	49.1	SO312	.04090	8.6417	0.6	F
9008	31302.77	56 27N	38 12E	83.0	191.7	1.810	23.80	49.1	SO312	.04090	8.8396	0.6	V
9009	31321.37	55 19N	36 34E	74.5	191.3	2.033	-3.15	49.9	SO312	.04090	9.8291	0.6	V
9010	31324.17	55 19N	36 34E	75.3	191.2	2.033	-2.80	49.9	SO312	.04090	9.6147	0.4	A
9011	31330.97	54 42N	35 48E	77.3	191.1	2.033	-15.05	50.6	SO312	.04090	9.3426	0.6	F
9012	31333.77	54 42N	35 47E	76.3	191.1	2.033	-15.05	50.6	SO312	.04090	9.5900	0.6	V
9013	31338.97	53 56N	35 47E	75.9	191.0	2.170	-9.80	51.1	SO312	.04090	9.5240	0.6	F
9014	31341.77	53 56N	35 47E	74.9	190.9	2.170	-9.45	51.1	SO312	.04090	9.7714	0.6	V
9015	31351.37	53 10N	34 57E	80.6	190.8	2.033	-23.10	51.7	SO312	.04090	8.9550	0.6	F
9016	31354.37	53 10N	34 57E	79.4	190.7	2.033	-22.75	51.7	SO312	.04090	9.2189	0.6	V
9017	31357.17	53 10N	34 58E	80.1	190.7	2.033	-22.40	51.7	SO312	.04090	9.0540	0.6	A
9018	31371.17	51 42N	35 38E	76.3	190.4	2.385	8.75	53.2	SO312	.04090	9.4910	0.6	F
9019	31373.97	51 42N	35 37E	75.5	190.4	2.170	9.10	53.2	SO312	.04090	9.7136	0.6	V
9020	31376.77	51 42N	35 37E	76.4	190.3	2.170	9.45	53.2	SO312	.04090	9.4745	0.6	A
9021	31387.77	50 59N	34 28E	76.3	190.2	2.170	-13.65	53.9	SO312	.04090	9.4580	0.6	F
9022	31391.57	50 59N	34 29E	75.0	190.1	2.170	-11.90	54.0	SO312	.04090	9.7631	0.6	V
9023	31394.57	50 54N	34 27E	75.9	190.1	2.385	-12.60	54.0	SO312	.04090	9.5405	0.6	A
9024	31403.97	49 42N	34 29E	73.8	189.9	2.385	-3.85	54.8	SO312	.04090	9.9280	0.6	V
9025	31406.77	49 42N	34 29E	74.6	189.9	2.385	-3.50	54.8	SO312	.04090	9.7054	0.6	A
9026	31419.17	48 27N	35 58E	103.6	189.7	1.810	42.35	56.4	SO312	.03090	7.0862	0.4	V
9027	31422.97	48 27N	35 59E	105.5	189.7	1.475	43.05	56.4	SO312	.02200	6.8523	0.4	A
9028	31431.37	47 55N	34 36E	80.4	189.6	2.385	19.60	56.8	SO312	.03090	9.0210	1.0	F
9029	31437.17	47 55N	34 36E	80.9	189.5	2.170	20.65	56.9	SO312	.03090	8.9385	1.0	A
9030	31469.17	45 9N	34 0E	82.0	189.1	2.170	24.15	58.9	SO312	.03090	8.9385	0.8	V
9031	31472.17	45 9N	33 59E	83.0	189.1	2.170	24.15	58.9	SO312	.03090	8.7076	0.8	A
9032	31477.97	44 55N	33 26E	75.9	189.0	2.385	12.25	59.2	SO312	.03090	9.6477	0.6	V
9033	31480.77	44 55N	33 25E	77.0	189.0	2.385	12.60	59.2	SO312	.03090	9.4085	0.6	A
9034	31542.77	40 7N	32 35E	81.7	188.4	2.385	24.15	62.8	SO312	.03090	8.9715	0.8	V
9035	31545.77	40 7N	32 35E	82.9	188.4	2.385	24.50	62.8	SO312	.03090	8.7076	0.8	A
9036	31964.97	11 12N	25 16E	86.7	186.5	3.211	-27.65	69.2	SO312	.03090	8.4108	1.2	V
9037	32265.57	9 26S	21 48E	94.0	186.5	3.439	-21.00	55.6	SO312	.03090	7.7264	1.2	V
9038	32278.77	10 40S	22 15E	91.6	186.5	3.439	2.45	55.0	SO312	.03090	7.8583	1.0	F
9039	32284.97	10 39S	22 21E	93.2	186.5	3.211	7.70	55.1	SO312	.03090	7.6604	2.0	A
9040	32300.77	11 31S	20 48E	113.2	186.6	3.439	-38.50	53.5	SO312	.02200	6.3410	1.0	A
9041	32314.37	12 29S	20 49E	107.4	186.6	3.439	-33.25	52.8	SO312	.03090	6.6791	1.0	A
9042	32361.57	15 44S	20 23E	105.2	186.7	3.439	-28.35	50.1	SO312	.03090	6.8111	1.4	A
287 5001	36485.77	64 55N	20 25E	80.0	195.2	1.475	13.30	41.3	SD312	.04150	9.0529	0.8	A
5002	36558.37	60 10N	16 11E	78.0	192.9	1.810	-13.65	45.5	SO312	.04150	9.3003	0.8	A
5003	36616.37	56 11N	14 52E	75.5	191.5	2.033	-1.75	49.2	SO312	.05390	9.6053	0.8	A
5004	36647.17	53 52N	14 18E	75.5	190.9	2.170	7.70	51.3	SO312	.05390	9.7125	0.4	V
5005	36649.97	53 52N	14 18E	76.4	190.9	2.170	8.05	51.3	SO312	.05390	9.4899	0.4	A
5006	36894.97	36 59N	8 46E	73.7	188.0	2.872	-7.70	64.7	SO312	.03150	9.9351	0.8	V
5007	36900.17	36 58N	8 27E	76.1	188.0	2.733	-15.40	64.9	SO312	.03150	9.5064	0.4	F
5008	36905.77	36 19N	7 58E	82.2	188.0	2.511	-29.40	64.8	SO312	.03150	8.8962	0.6	V
5009	36908.77	36 19N	7 58E	83.1	187.9	2.733	-29.40	64.8	SO312	.03150	8.7478	0.6	A
5010	36915.37	35 40N	8 7E	77.0	187.9	2.733	-18.90	65.5	SO312	.03150	9.3827	0.6	F
5011	36920.97	35 25N	8 7E	76.9	187.9	2.872	-18.20	65.5	SO312	.03150	9.4487	0.6	A
5012	36930.37	34 20N	8 26E	74.6	187.8	2.872	1.75	66.5	SO312	.03150	9.7207	0.6	F
5013	36941.77	33 57N	8 8E	74.6	187.7	2.872	-4.90	66.6	SO312	.03150	9.7207	0.6	A
9001	36470.37	65 51N	21 44E	84.9	195.8	1.332	22.40	40.4	SO312	.02200	8.5097	0.6	A
9002	36576.97	58 56N	16 14E	75.5	192.4	2.033	3.85	47.0	SO312	.04090	9.6972	1.2	V
9003	36587.57	58 15N	15 4E	79.0	192.1	1.810	-17.85	47.3	SO312	.04090	9.1694	0.6	A
9004	36600.97	56 41N	16 22E	86.6	191.8	2.033	26.60	48.9	SO312	.03090	8.3860	0.8	F
9005	36609.37	56 12N	15 36E	79.3	191.6	2.033	15.40	49.3	SD312	.04090	9.1364	0.8	F
9006	36884.17	37 31N	9 0E	74.3	188.1	2.872	-4.20	64.3	SO312	.04090	9.7466	0.8	F
9007	36889.37	37 32N	9 1E	74.3	188.1	2.872	-3.15	64.3	SO312	.04090	9.7466	1.0	A
9008	36905.97	36 17N	7 58E	82.2	188.0	2.511	-29.40	64.8	SU312	.03090	8.8973	0.4	V
9009	36936.17	33 57N	8 7E	74.6	187.8	2.872	-7.00	66.6	SO312	.03090	9.6972	0.8	F
9010	37009.77	29 16N	7 33E	77.5	187.3	2.872	11.90	69.5	SO312	.03090	9.3178	1.0	A
288 9001	42398.57	23 45N	15 55W	76.1	187.0	3.211	0.00	71.2	SO312	.02200	9.5157	1.2	F

Handle via
BYEMAN Channels
BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
288 9002	42394.17	23 44N	15 55W	76.3	187.0	3.211	1.05	71.2	S0312	.02200	9.4580	1.0	A
9003	42435.57	20 57N	17 1W	81.1	186.9	3.211	-21.70	71.1	S0312	.03090	8.9138	1.0	A
289 5001	48280.56	16 28S	45 21W	94.4	186.7	3.439	-6.30	49.9	S0312	.03150	7.6677	1.0	V
5002	48286.76	16 53S	45 22W	94.6	186.7	3.439	-4.20	49.5	S0312	.03150	7.6430	0.8	V
5003	48319.36	19 19S	46 7W	98.7	186.8	3.439	-14.35	47.2	S0312	.03150	7.2472	0.8	F
5004	48331.56	19 40S	46 11W	99.2	186.8	3.439	-12.95	46.9	S0312	.03150	7.2060	1.0	A
5005	48338.96	20 40S	46 20W	99.4	186.9	3.439	-12.60	46.0	S0312	.03150	7.1895	0.8	F
5006	48360.96	21 55S	46 30W	98.6	186.9	3.439	-10.15	44.9	S0312	.03150	7.3297	0.8	V
5007	48364.56	21 55S	46 30W	99.9	186.9	3.439	-9.45	44.9	S0312	.03150	7.1483	0.8	A
5008	48385.36	23 36S	46 41W	99.5	187.0	3.090	-4.90	43.5	S0312	.03150	7.2472	0.6	V
5009	48388.96	23 55S	46 41W	101.0	187.0	3.090	-4.55	43.5	S0312	.03150	7.0576	0.6	A
9001	48260.56	15 27S	44 22W	102.8	186.7	2.872	20.30	51.2	S0312	.03090	6.9925	0.8	F
9002	48268.36	15 24S	45 5W	94.8	186.7	3.439	-2.80	50.8	S0312	.03090	7.5202	1.0	A
9003	48295.76	17 42S	46 11W	104.1	186.7	3.439	-25.90	48.4	S0312	.03090	6.8605	0.8	F
9004	48308.16	18 10S	44 55W	104.6	186.8	2.733	19.60	48.8	S0312	.03090	6.7781	1.0	A
9005	48325.56	19 15S	46 10W	99.5	186.8	3.574	-15.05	47.2	S0312	.03090	7.1739	1.0	A
9006	48347.76	20 43S	46 44W	105.6	186.9	3.439	-23.80	45.8	S0312	.03090	6.7698	0.8	A
9007	48374.16	23 12S	45 50W	107.1	187.0	2.872	17.85	44.2	S0312	.03090	6.6874	1.0	F
9008	48378.16	23 12S	45 51W	106.1	187.0	2.872	17.85	44.2	S0312	.03090	6.7946	0.8	V
9009	48451.16	28 15S	48 41W	121.6	187.3	3.090	-33.25	38.7	S0312	.03090	5.8380	1.2	F
9010	48461.36	28 20S	48 44W	121.8	187.3	3.211	-32.90	38.7	S0312	.03090	5.8463	1.2	A
290 5001	53654.56	20 58S	68 53W	103.8	186.9	3.439	-24.15	45.6	S0312	.02260	6.8927	0.8	A
5002	53725.76	26 19S	70 7W	113.3	187.2	3.090	-28.00	40.6	S0312	.03150	6.2826	0.8	F
5003	53749.56	27 22S	70 19W	113.8	187.3	3.439	-26.60	39.7	S0312	.03150	6.2661	0.6	A
5004	53829.56	33 26S	70 36W	108.4	187.7	2.872	0.70	34.5	S0312	.03150	6.5712	0.8	F
5005	53833.36	33 26S	70 32W	107.9	187.7	2.872	3.15	34.6	S0312	.03150	6.6536	0.4	V
5006	53837.36	33 26S	70 32W	109.6	187.7	2.872	3.50	34.6	S0312	.03150	6.4640	0.6	A
5007	53850.56	34 34S	70 59W	108.5	187.8	2.872	-2.10	33.4	S0312	.03150	6.6206	0.6	V
5008	53860.76	34 58S	71 15W	110.6	187.9	3.090	-6.30	33.0	S0312	.03150	6.4063	0.8	A
9001	53346.36	0 23S	65 2W	90.6	186.4	3.439	-23.10	62.6	S0312	.03090	7.9243	1.0	F
9002	53352.16	0 21S	64 54W	88.3	186.4	3.574	-17.85	62.7	S0312	.03090	8.1469	1.0	A
9003	53581.36	16 29S	68 7W	103.6	186.7	3.211	-28.35	49.4	S0312	.03090	6.8853	0.4	F
9004	53585.16	16 29S	68 8W	104.3	186.7	3.439	-28.00	49.4	S0312	.03090	6.9347	0.8	V
9005	53588.96	16 29S	68 7W	104.9	186.7	3.439	-26.95	49.5	S0312	.03090	6.8275	0.8	A
9006	53622.16	19 0S	68 37W	104.2	186.8	3.211	-28.00	47.2	S0312	.03090	6.9347	1.2	V
9007	53629.36	19 14S	68 38W	104.7	186.8	3.439	-26.60	47.0	S0312	.03090	6.8358	1.0	A
9008	53667.56	22 29S	68 3W	100.7	186.9	3.090	10.85	44.7	S0312	.02200	7.1079	1.0	F
9009	53678.36	22 44S	67 41W	109.9	187.0	2.385	24.15	44.7	S0312	.03090	6.4400	1.2	A
9010	53844.16	34 10S	70 44W	108.5	187.8	2.872	1.75	33.9	S0312	.03090	6.6214	0.8	V
291 5001	58228.16	28 29N	80 34W	85.6	187.3	2.733	25.90	70.2	S0312	.03150	8.4922	0.8	F
5002	58231.36	28 28N	80 34W	85.1	187.3	2.511	26.60	70.2	S0312	.03150	8.6159	0.6	V
5003	58234.36	28 29N	80 34W	86.5	187.3	2.511	26.95	70.2	S0312	.03150	8.3521	0.8	A
5004	58306.56	23 11N	82 17W	76.2	187.0	3.211	1.40	71.3	S0312	.03150	9.5064	3.2	F
5005	58312.96	23 7N	82 18W	76.6	187.0	3.211	2.45	71.4	S0312	.03150	9.4404	1.2	A
5006	58314.76	22 60N	82 19W	76.6	187.0	3.211	2.45	71.4	S0312	.03150	9.4404	0.6	A
9001	58228.16	28 28N	80 34W	85.7	187.3	2.733	25.90	70.2	S0312	.03090	8.4932	0.6	F
9002	58231.36	28 26N	80 34W	85.1	187.3	2.511	26.60	70.2	S0312	.03090	8.6169	0.6	V
9003	58234.36	28 26N	80 34W	86.5	187.3	2.511	26.95	70.2	S0312	.03090	8.3531	0.6	A
9004	58308.36	23 3N	82 19W	76.3	187.0	3.211	1.40	71.4	S0312	.03090	9.5075	0.8	F
9005	58313.96	23 3N	82 19W	76.5	187.0	3.211	2.45	71.4	S0312	.03090	9.4415	0.8	A
9006	58446.96	13 56N	84 24W	80.4	186.6	3.439	-14.35	70.5	S0312	.04090	8.9797	1.0	A
9007	58471.16	12 13N	84 14W	80.6	186.6	3.211	5.95	70.4	S0312	.04090	8.9303	0.8	A
9008	58496.16	10 1N	84 12W	87.5	186.5	3.090	21.00	69.8	S0312	.03090	8.2871	0.8	F
9009	58500.16	9 57N	84 8W	89.3	186.5	2.872	24.15	69.9	S0312	.03090	8.1799	0.6	V
9010	58503.36	9 58N	84 8W	90.8	186.5	2.872	24.50	69.9	S0312	.03090	7.9078	0.8	A
292 5001	63475.55	32 21N	102 32W	74.1	187.6	3.090	0.35	67.7	S0312	.02260	9.7897	0.8	F
5002	63480.95	32 21N	102 32W	74.3	187.6	3.090	1.40	67.7	S0312	.02260	9.7537	0.6	A
9001	63475.55	32 21N	102 32W	74.1	187.6	3.090	0.35	67.7	S0312	.03090	9.7879	0.6	F
9002	63480.95	32 21N	102 32W	74.3	187.6	3.090	1.40	67.8	S0312	.03090	9.7549	0.6	A
9003	63514.55	29 55N	102 31W	82.7	187.4	2.733	23.10	69.6	S0312	.03090	8.7818	1.0	F
9004	63518.35	29 31N	102 29W	83.1	187.4	2.733	24.85	69.7	S0312	.03090	8.8066	0.8	V
9005	63524.55	28 53N	102 38W	83.5	187.3	2.733	24.15	69.9	S0312	.03090	8.7076	1.0	F
9006	63529.95	28 30N	102 38W	85.6	187.3	2.733	26.60	70.2	S0312	.03090	8.4932	0.8	F
9007	63533.75	28 27N	102 36W	86.2	187.3	2.511	28.70	70.2	S0312	.03090	8.5097	1.0	V
9008	63543.15	27 53N	103 31W	73.7	187.3	3.090	-0.70	69.9	S0312	.03090	9.9445	0.8	V
9009	63546.15	27 52N	103 32W	74.6	187.2	3.090	-1.05	69.9	S0312	.03090	9.6972	0.8	A
9010	63551.55	27 19N	103 38W	73.7	187.2	3.090	-1.05	70.1	S0312	.03090	9.9363	1.0	V
9011	63563.15	26 33N	104 7W	75.3	187.2	3.090	-14.00	70.1	S0312	.03090	9.7219	0.8	V
9012	63572.95	25 54N	103 22W	83.3	187.1	2.872	22.75	71.2	S0312	.03090	8.7076	0.6	F
9013	63578.95	25 34N	103 21W	84.1	187.1	2.733	23.80	71.2	S0312	.03090	8.5674	0.6	A
9014	63595.55	24 7N	104 34W	76.2	187.0	3.211	-14.00	70.8	S0312	.03090	9.4745	0.6	F
9015	63598.35	24 7N	104 35W	75.3	187.0	3.211	-13.65	70.8	S0312	.03090	9.7136	0.6	V
9016	63623.35	22 51N	104 12W	79.0	186.9	2.872	15.05	71.7	S0312	.03090	9.1364	0.8	A
9017	63634.35	21 45N	104 5W	85.7	186.9	2.733	24.85	72.1	S0312	.03090	8.3860	1.0	A
9018	63662.75	19 47N	104 20W	89.8	186.8	2.511	28.70	72.3	S0312	.03090	8.0067	1.0	A
293 5001	68699.55	37 27N	122 2W	103.6	188.1	2.170	41.65	65.2	S0312	.02260	7.0494	0.8	F

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
293 5002	68703.35	37 26N	122 2W	103.1	188.1	2.170	42.00	65.2	S0312	.02260	7.1314	0.6	V
5003	68706.95	37 27N	122 1W	105.1	188.1	1.810	42.70	65.2	S0312	.02260	6.8927	0.8	A
9001	68699.55	37 26N	122 2W	103.7	188.1	2.170	41.65	65.2	S0312	.02200	7.0502	0.6	F
9002	68703.15	37 27N	122 2W	103.1	188.1	2.170	42.00	65.2	S0312	.02200	7.1326	0.6	V
9003	68706.95	37 27N	122 1W	105.0	188.1	1.810	42.70	65.2	S0312	.02200	6.8935	0.6	A
296 9001	84188.34	67 52N	175 51W	82.5	197.2	1.332	16.45	38.6	S0312	.03090	8.7571	0.6	A
298 5001	8755.74	44 1N	126 25E	88.9	188.9	2.170	-35.35	59.3	S0312	.02260	8.0965	0.6	F
5002	8759.74	43 57N	126 32E	84.3	188.9	2.170	-31.50	59.4	S0312	.02260	8.6736	0.6	V
5003	8762.74	43 52N	126 32E	85.2	188.9	2.385	-31.50	59.4	S0312	.02260	8.5335	0.6	A
5004	8779.54	42 20N	126 54E	74.1	188.7	2.733	-8.75	60.9	S0312	.03150	9.7702	1.0	F
5005	8784.74	42 2ON	126 54E	74.1	188.7	2.733	-8.05	60.9	S0312	.03150	9.8032	1.0	A
5006	8791.14	41 54N	126 15E	78.8	188.6	2.511	-23.10	61.3	S0312	.03150	9.1518	0.6	F
5007	8793.94	41 54N	126 15E	78.0	188.6	2.511	-23.10	61.3	S0312	.03150	9.3909	1.6	V
5008	8807.34	40 47N	126 33E	74.1	188.5	2.733	-5.95	62.1	S0312	.03150	9.7867	0.6	A
5009	8812.54	40 26N	126 20E	74.4	188.4	2.733	-10.50	62.3	S0312	.03150	9.7702	0.4	A
5010	8827.94	39 1N	125 56E	75.4	188.3	2.733	-13.30	63.3	S0312	.03150	9.5971	0.6	F
5011	8834.54	38 54N	125 46E	75.6	188.2	2.733	-15.05	63.6	S0312	.03150	9.5394	0.6	F
5012	8843.54	37 58N	125 27E	78.1	188.2	2.733	-21.00	64.0	S0312	.02260	9.2508	0.6	F
5013	8846.34	37 56N	125 27E	77.1	188.1	2.733	-20.65	64.0	S0312	.02260	9.4981	0.6	V
9001	8759.74	43 57N	126 32E	84.3	188.9	2.170	-31.50	59.4	S0312	.02200	8.6746	0.4	V
9002	8762.74	43 57N	126 32E	85.1	188.9	2.385	-31.50	59.4	S0312	.02200	8.5345	0.4	A
9003	8770.94	43 12N	126 13E	87.0	188.8	2.170	-34.65	59.9	S0312	.03090	8.4025	0.6	V
9004	8779.54	42 19N	126 54E	74.2	188.7	2.733	-8.75	61.0	S0312	.03090	9.7714	0.8	F
9005	8785.14	42 1ON	126 54E	74.1	188.7	2.733	-8.05	61.0	S0312	.03090	9.8043	0.6	A
9006	8799.54	41 1ON	126 22E	75.2	188.5	2.511	-15.75	61.7	S0312	.03090	9.7384	0.6	V
9007	8804.54	40 47N	126 34E	73.2	188.5	2.733	-6.30	62.1	S0312	.04090	10.0187	0.6	V
9008	8807.34	40 47N	126 33E	74.0	188.5	2.733	-5.95	62.2	S0312	.03090	9.7879	0.6	A
9009	8816.34	39 48N	126 17E	74.3	188.4	2.733	-7.35	62.9	S0312	.03090	9.7384	0.8	F
9010	8821.54	39 49N	126 17E	74.2	188.3	2.733	-6.65	62.9	S0312	.03090	9.7631	0.6	A
9011	8832.74	38 41N	125 48E	75.9	188.2	2.733	-15.05	63.5	S0312	.03090	9.5157	1.0	F
9012	8834.34	38 36N	125 46E	75.9	188.2	2.733	-15.05	63.6	S0312	.03090	9.5405	0.8	F
9013	8838.34	38 41N	125 48E	75.7	188.2	2.733	-14.35	63.6	S0312	.03090	9.5735	0.6	A
9014	8848.74	37 48N	125 25E	77.1	188.1	2.733	-20.65	64.1	S0312	.04090	9.4992	0.4	V
9015	8851.54	37 48N	125 25E	77.7	188.1	2.733	-19.95	64.1	S0312	.04090	9.3343	0.4	A
299 5001	13792.94	62 33N	114 3E	84.3	194.0	1.475	22.75	43.7	S0312	.03150	8.5994	0.6	A
5002	14170.34	36 49N	103 14E	73.9	188.0	2.733	-15.05	64.8	S0312	.03150	9.9186	0.6	V
9001	13803.94	61 29N	112 53E	79.1	193.6	1.810	12.60	44.7	S0312	.04090	9.1612	0.8	F
9002	13809.54	61 29N	112 52E	79.1	193.5	1.687	12.95	44.7	S0312	.04090	9.1447	0.8	A
9003	14156.34	37 36N	102 52E	85.3	188.1	2.385	-32.90	64.0	S0312	.03090	8.4520	0.6	F
9004	14159.34	37 36N	102 52E	84.0	188.1	2.385	-32.55	64.0	S0312	.03090	8.7159	0.8	V
9005	14166.54	36 54N	103 12E	75.5	188.0	2.733	-17.50	64.8	S0312	.03090	9.5735	0.6	F
9006	14176.54	36 10N	103 31E	73.5	188.0	2.872	0.70	65.5	S0312	.03090	9.8538	0.6	F
9007	14181.74	36 10N	103 32E	73.7	187.9	2.872	1.75	65.5	S0312	.03090	9.8373	0.6	A
9008	14360.94	23 44N	100 3E	84.6	187.0	2.872	-31.15	70.6	S0312	.03090	8.6417	0.6	V
9009	14523.34	12 29N	98 38E	78.7	186.6	3.439	-6.65	70.2	S0312	.03090	9.2849	1.0	V
300 5001	19203.33	55 26N	85 59E	85.4	191.4	1.687	-29.40	49.9	S0312	.03150	8.4510	0.8	F
5002	19209.33	55 27N	85 59E	84.9	191.2	1.687	-28.70	49.9	S0312	.03150	8.5582	1.0	A
5003	19245.93	52 42N	85 4E	82.7	190.6	1.810	-26.60	52.4	S0312	.02260	8.7066	0.4	F
5004	19251.73	52 36N	85 3E	82.6	190.5	2.033	-26.60	52.4	S0312	.02260	8.7973	0.6	A
5005	19583.93	29 07N	80 16E	77.3	187.4	2.872	13.65	69.5	S0312	.02260	9.3662	0.8	A
5006	19605.53	27 56N	79 56E	77.5	187.3	2.872	13.65	70.2	S0312	.03150	9.4569	1.0	V
5007	19616.53	27 26N	79 38E	76.5	187.2	3.090	6.65	70.3	S0312	.03150	9.4569	0.6	A
5008	19664.93	23 56N	78 47E	75.0	187.0	3.211	-0.35	71.2	S0312	.03150	9.7620	0.8	V
5009	19667.73	23 56N	78 47E	76.0	187.0	3.211	0.00	71.2	S0312	.03150	9.5229	0.8	A
9001	19206.33	55 26N	85 59E	84.1	191.3	1.687	-29.05	49.9	S0312	.04090	8.6994	0.8	V
9002	19209.33	55 27N	85 59E	84.8	191.2	1.687	-28.70	49.9	S0312	.03090	8.5592	0.8	A
9003	19246.13	52 31N	85 4E	82.7	190.6	1.810	-26.60	52.4	S0312	.02200	8.7076	1.0	F
9004	19252.13	52 31N	85 3E	82.5	190.5	2.033	-26.60	52.4	S0312	.02200	8.7983	1.0	A
9005	19634.33	26 19N	78 14E	91.4	187.1	2.872	-36.75	69.8	S0312	.02200	7.9572	0.8	A
9006	19650.33	24 44N	78 25E	79.9	187.1	3.090	-21.70	70.6	S0312	.03090	9.0292	0.8	F
9007	19681.13	22 37N	77 53E	83.0	187.0	3.090	-26.25	70.9	S0312	.03090	8.6829	1.2	F
9008	19697.13	22 37N	77 54E	82.4	186.9	3.211	-25.20	70.9	S0312	.03090	8.7901	1.0	A
9009	19730.53	19 13N	77 19E	82.5	186.8	3.090	-23.80	71.1	S0312	.03090	8.7406	1.0	F
9010	19754.13	17 56N	77 29E	77.5	186.7	3.439	-7.00	71.5	S0312	.02200	9.3178	1.0	A
9011	19766.53	17 8N	76 60E	81.7	186.7	3.439	-21.00	71.0	S0312	.03090	8.8561	0.6	A
9012	19815.53	13 10N	77 37E	94.0	186.6	2.733	30.10	71.3	S0312	.02200	7.7264	1.0	F
9013	19820.53	13 4N	77 32E	92.0	186.6	2.733	29.05	71.3	S0312	.02200	7.9408	0.6	V
9014	19823.93	13 4N	77 33E	93.7	186.6	2.511	29.75	71.3	S0312	.02200	7.6686	0.6	A
301 5001	24477.93	57 44N	65 43E	75.6	192.0	1.810	-9.45	48.0	S0312	.04150	9.6878	0.6	V
5002	24480.73	57 44N	65 43E	76.4	192.0	1.810	-9.10	48.0	S0312	.04150	9.4981	0.6	A
5003	25138.53	12 40N	53 54E	87.4	186.6	3.439	-27.30	69.8	S0312	.01710	8.2944	0.6	A
5004	25498.53	12 10S	49 17E	106.0	186.6	3.211	-32.20	72.9	S0312	.03150	8.8268	0.6	V
5005	25502.33	12 14S	49 17E	107.0	186.6	3.439	-31.85	72.9	S0312	.03150	9.7196	0.8	A
9001	24381.73	64 21N	69 35E	77.2	194.8	1.475	-3.85	41.9	S0312	.03090	9.3838	1.0	A

Handle via
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BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
301 9002	24635.13	46 31N	61 40E	75.8	189.4	2.385	-13.30	57.4	S0312	.0309U	9.5405	0.6	F
9003	24640.53	46 31N	61 41E	75.5	189.3	2.511	-12.60	57.4	S0312	.0309U	9.5982	0.6	A
9004	24821.73	34 24N	58 36E	74.5	187.8	2.872	-9.80	66.5	S0312	.0220U	9.7301	0.6	A
9005	24923.93	27 15N	56 23E	88.3	187.2	2.733	-34.65	69.5	S0312	.0309U	8.2871	0.8	V
9006	24927.13	27 13N	56 23E	89.1	187.2	2.733	-34.30	69.5	S0312	.0309U	8.1551	1.0	A
9007	24935.73	26 13N	56 15E	87.8	187.2	2.733	-32.90	69.9	S0312	.0309U	8.1964	0.8	F
9008	24943.13	26 8N	56 20E	84.8	187.1	3.090	-29.40	70.0	S0312	.0409U	8.5592	0.6	A
9009	24947.73	25 43N	56 22E	81.4	187.1	3.090	-24.15	70.4	S0312	.0409U	8.8643	0.6	F
9010	24964.53	24 14N	55 49E	89.8	187.0	2.739	-34.65	70.4	S0312	.0309U	8.0450	1.0	F
9011	24988.13	22 58N	55 32E	89.7	187.0	2.733	-33.95	70.7	S0312	.0309U	8.0252	1.0	F
9012	24996.13	22 13N	56 0E	77.1	186.9	3.211	-14.35	71.2	S0312	.0309U	9.4910	0.8	V
9013	25002.33	21 59N	56 1E	77.5	186.9	3.211	-11.55	71.3	S0312	.0309U	9.3343	1.0	A
9014	25006.93	21 41N	55 49E	79.2	186.9	3.211	-17.50	71.2	S0312	.0309U	9.1364	0.8	A
9015	25011.53	20 59N	55 33E	82.0	186.9	3.211	-23.45	71.1	S0312	.0309U	8.7901	1.0	F
9016	25019.33	20 35N	55 56E	76.0	186.9	3.211	-4.55	71.6	S0312	.0309U	9.6229	1.2	V
9017	25031.13	19 57N	55 24E	80.4	186.8	3.211	-19.25	71.3	S0312	.0309U	8.9797	0.8	F
9018	25040.13	19 20N	55 55E	78.1	186.8	3.211	5.25	71.8	S0312	.0309U	9.2354	1.0	A
9019	25047.73	18 52N	55 16E	80.3	186.8	3.439	-18.55	71.3	S0312	.0309U	9.0147	0.8	A
9020	25052.13	18 10N	55 11E	80.0	186.8	3.211	-17.50	71.2	S0312	.0309U	9.0127	0.8	F
9021	25056.93	18 16N	55 18E	78.5	186.8	3.439	-12.25	71.4	S0312	.0309U	9.2106	0.8	A
9022	25143.53	12 19N	53 49E	88.3	186.6	3.439	-28.35	69.6	S0312	.0309U	8.1964	1.0	A
9023	25586.13	18 7S	49 26E	99.7	186.8	3.090	8.05	48.5	S0312	.0409U	7.1326	0.8	A
9024	25611.33	19 26S	47 44E	116.3	186.8	3.439	-35.00	46.4	S0312	.0309U	6.1514	0.6	A
302 5001	29500.13	76 14N	62 38E	80.0	208.0	0.776	4.20	30.3	S0312	.0539U	9.1354	0.6	V
5002	29502.93	76 14N	62 39E	80.9	207.6	0.776	4.20	30.3	S0312	.0539U	8.9457	0.6	A
5003	29842.33	53 49N	43 20E	84.1	190.9	1.810	24.85	51.8	S0312	.0315U	8.6159	0.6	A
5004	29872.33	51 24N	42 12E	80.5	190.4	2.170	19.60	53.8	S0312	.0315U	9.0199	0.8	F
5005	29875.33	51 24N	42 12E	79.6	190.3	2.170	19.60	53.8	S0312	.0315U	9.2178	0.6	V
5006	29958.33	46 6N	38 59E	79.8	189.2	2.385	-23.45	57.9	S0312	.0315U	9.1106	0.8	A
5007	29983.13	44 8N	39 5E	73.4	188.9	2.511	-3.50	59.7	S0312	.0415U	9.9846	0.6	V
5008	29985.93	44 7N	39 5E	74.3	188.9	2.511	-3.15	59.7	S0312	.0415U	9.7702	0.4	A
5009	30028.93	41 2N	37 53E	75.5	188.5	2.511	-16.10	61.9	S0312	.0415U	9.7043	0.6	V
5010	30031.73	41 2N	37 53E	76.3	188.5	2.733	-16.10	61.9	S0312	.0415U	9.5229	0.6	A
5011	30050.33	39 51N	36 55E	88.2	188.3	2.385	-35.70	62.5	S0312	.0171U	8.2449	0.6	A
5012	30095.33	36 14N	37 15E	74.4	188.0	2.872	1.75	65.5	S0312	.0315U	9.7455	0.6	F
5013	30109.73	35 15N	36 54E	74.1	187.9	2.872	-2.80	66.1	S0312	.0315U	9.7702	0.6	F
5014	30123.13	34 49N	37 14E	78.5	187.8	2.733	15.75	66.8	S0312	.0315U	9.2178	0.6	A
5015	30130.73	33 47N	36 43E	74.4	187.7	2.872	3.15	67.1	S0312	.0315U	9.7537	0.4	F
5016	30150.13	32 52N	36 9E	75.1	187.6	3.090	-10.50	67.4	S0312	.0315U	9.6713	0.6	A
5017	30153.13	32 40N	36 6E	75.0	187.6	3.090	-10.15	67.5	S0312	.0315U	9.6713	0.6	A
5018	30157.53	31 59N	35 56E	75.1	187.6	3.090	-12.25	67.9	S0312	.0315U	9.6301	0.8	F
5019	30160.33	31 59N	35 56E	74.3	187.6	3.090	-11.90	67.9	S0312	.0315U	9.8609	0.6	V
5020	30163.53	31 57N	35 57E	74.9	187.5	3.090	-10.50	67.9	S0312	.0315U	9.6878	0.8	A
5021	30192.53	29 56N	34 58E	83.4	187.4	2.733	-28.35	68.7	S0312	.0171U	8.6407	1.0	F
5022	30215.93	28 0N	34 24E	90.3	187.3	2.511	-35.70	69.2	S0312	.0171U	7.9646	0.6	F
5023	30219.13	28 0N	34 24E	88.8	187.3	2.733	-35.35	69.2	S0312	.0171U	8.2366	0.6	V
5024	30743.13	7 56S	28 33E	91.5	186.5	3.574	-14.00	56.9	S0312	.0226U	7.8574	1.0	A
9001	29799.13	56 40N	43 26E	74.6	191.7	2.033	-2.45	49.0	S0312	.0409U	9.8208	0.6	V
9002	29801.93	56 39N	43 26E	75.4	191.6	2.033	-2.10	49.0	S0312	.0409U	9.5982	0.6	A
9003	29814.73	55 29N	42 20E	78.3	191.4	1.810	-17.50	50.0	S0312	.0409U	9.2106	0.8	F
9004	29820.33	55 29N	42 20E	78.0	191.3	2.033	-17.15	50.0	S0312	.0409U	9.2931	0.8	A
9005	29857.33	52 45N	41 27E	75.6	190.6	2.170	-13.65	52.4	S0312	.0409U	9.6889	0.6	V
9006	29860.13	52 45N	41 27E	76.3	190.6	2.170	-13.30	52.4	S0312	.0409U	9.4992	0.6	A
9007	29885.93	50 49N	40 37E	76.8	190.2	2.170	-18.20	54.0	S0312	.0409U	9.5240	0.6	V
9008	29888.73	50 49N	40 37E	77.6	190.1	2.170	-17.85	54.0	S0312	.0409U	9.3426	0.6	A
9009	29918.73	48 21N	40 13E	74.8	189.7	2.385	-7.70	56.2	S0312	.0409U	9.6724	1.2	F
9010	29924.13	48 21N	40 13E	74.7	189.6	2.385	-7.00	56.2	S0312	.0409U	9.7054	1.2	A
9011	29934.33	47 18N	39 44E	75.5	189.5	2.385	-12.25	57.0	S0312	.0409U	9.5735	1.2	F
9012	29939.73	47 18N	39 44E	75.3	189.4	2.385	-11.55	57.0	S0312	.0409U	9.6229	1.2	A
9013	29944.93	46 55N	39 33E	75.3	189.4	2.385	-11.20	57.6	S0312	.0409U	9.6064	1.0	F
9014	29950.33	46 55N	39 34E	75.1	189.3	2.511	-10.50	57.6	S0312	.0409U	9.6559	0.8	A
9015	29966.33	45 8N	38 58E	76.7	189.1	2.385	-16.80	58.7	S0312	.0309U	9.4085	1.0	F
9016	29971.93	45 7N	38 58E	76.4	189.1	2.511	-16.10	58.7	S0312	.0309U	9.4828	0.8	A
9017	29983.13	44 7N	39 5E	73.4	188.9	2.511	-3.50	59.7	S0312	.0409U	9.9858	0.6	V
9018	29985.93	44 7N	39 5E	74.2	188.9	2.511	-3.15	59.7	S0312	.0409U	9.7714	0.4	A
9019	30095.33	36 13N	37 14E	74.3	188.0	2.872	1.75	65.5	S0312	.0220U	9.7466	1.0	F
9020	30100.73	36 10N	37 14E	74.5	187.9	2.872	2.45	65.5	S0312	.0220U	9.7219	1.0	A
9021	30104.73	35 48N	37 7E	73.6	187.9	2.872	1.40	65.8	S0312	.0220U	9.9610	0.6	V
9022	30113.93	35 10N	36 43E	73.7	187.9	2.872	-8.05	66.1	S0312	.0220U	9.9363	1.0	V
9023	30133.73	33 55N	36 42E	74.7	187.7	2.872	4.20	67.2	S0312	.0220U	9.6972	0.8	F
9024	30138.93	33 55N	36 42E	75.0	187.7	2.872	5.25	67.2	S0312	.0220U	9.6477	1.0	A
9025	30143.13	33 7N	36 33E	73.7	187.7	2.872	2.80	67.5	S0312	.0220U	9.9445	1.0	V
9026	30174.93	31 2N	35 9E	84.4	187.5	2.733	-31.50	68.0	S0312	.0309U	8.6664	0.6	V
9027	30177.93	31 2N	35 10E	84.9	187.5	2.733	-30.80	68.0	S0312	.0309U	8.5510	0.6	A
9028	30183.73	30 26N	34 54E	87.7	187.4	2.733	-35.00	68.2	S0312	.0309U	8.3366	0.4	V
9029	30186.93	30 26N	34 54E	88.5	187.4	2.733	-34.65	68.2	S0312	.0309U	8.2046	0.4	A
9030	30192.73	29 55N	34 58E	83.4	187.4	2.733	-28.35	68.7	S0312	.0409U	8.6417	1.0	F
9031	30198.73	29 55N	34 58E	82.9	187.4	2.872	-27.65	68.8	S0312	.0409U	8.7406	1.0	A
9032	30397.73	15 51N	32 31E	82.8	186.7	3.439	-22.05	70.8	S0312	.0168U	8.7406	1.0	A
9033	30424.33	14 0N	32 18E	81.5	186.6	3.439	-17.50	70.4	S0312	.0309U	8.8643	1.0	A
9034	30566.93	4 10N	30 45E	83.6	186.4	3.574	-10.50	65.9	S0312	.0309U	8.6087	1.0	A
9035	30598.33	1 46N	30 14E	85.5	186.4	3.574	-14.35	64.1	S0312	.0309U	8.4190	0.8	F
9036	30606.73	1 0UN	29 53E	91.3	186.4	3.574	-25.55	63.8	S0312	.0309U	7.8913	1.0	A
9037	30618.13	0 14N	30 7E	85.2	186.4	3.574	-9.45	63.2	S0312	.0309U	8.4438	1.0	F
9038	30622.33	0 22N	30 6E	86.1	186.4	3.574	-10.15	63.3	S0312	.0309U	8.3531	0.8	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
302 9039	30631.33	0 06S	30 42E	91.1	186.4	2.872	19.60	63.2	SO312	.03090	7.9985	0.6	V
9040	30634.53	0 02S	30 42E	92.8	186.4	2.872	20.30	63.2	SO312	.03090	7.7099	0.8	A
9041	30648.73	1 05S	30 4E	87.1	186.4	3.439	3.50	61.9	SO312	.03090	8.2788	0.8	F
9042	30651.93	1 05S	30 4E	86.3	186.4	3.439	4.20	61.9	SO312	.03090	8.4190	0.6	V
9043	30655.13	1 05S	30 4E	87.6	186.4	3.439	4.55	61.9	SO312	.03090	8.1799	0.6	A
9044	30673.53	3 01S	29 23E	87.8	186.4	3.574	-13.30	60.5	SO312	.03090	8.2788	0.8	V
9045	30676.73	3 01S	29 22E	88.9	186.4	3.574	-12.95	60.5	SO312	.03090	8.0809	0.8	A
9046	30733.13	7 08S	28 6E	101.9	186.5	3.211	-31.15	56.7	SO312	.03090	7.0090	1.0	F
9047	30770.53	9 04S	27 48E	100.4	186.5	3.574	-28.35	55.1	SO312	.03090	7.1491	1.4	A
9048	30791.53	11 06S	27 29E	101.1	186.6	3.211	-27.30	53.5	SO312	.03090	7.0584	0.6	F
9049	30795.13	11 06S	27 29E	100.0	186.6	3.439	-27.30	53.5	SO312	.03090	7.2481	0.6	V
9050	30806.73	12 02S	28 16E	92.8	186.6	3.211	5.95	53.3	SO312	.03090	7.8088	0.9	V
9051	30810.13	12 02S	28 16E	94.2	186.6	3.211	6.30	53.3	SO312	.03090	7.5779	0.8	A
303 5001	35057.12	59 01N	22 59E	75.3	192.8	1.810	1.05	46.2	SO312	.04150	9.7290	0.6	V
5002	35122.52	55 0N	21 53E	85.4	191.3	2.033	25.90	50.6	SO312	.03150	8.5005	0.6	F
5003	35152.32	53 05N	18 56E	86.4	190.8	2.033	-31.50	51.4	SO312	.03150	8.4015	0.8	A
5004	35156.32	53 05N	18 46E	87.9	190.7	1.810	-32.90	51.6	SO312	.03150	8.2861	0.6	A
5005	35221.12	48 03N	18 30E	73.6	189.7	2.385	1.05	56.0	SO312	.02260	9.9599	0.6	V
5006	35223.72	48 03N	18 30E	74.5	189.7	2.385	1.40	56.0	SO312	.02260	9.7290	0.6	A
5007	35241.52	47 02N	19 5E	87.4	189.5	2.033	30.45	57.5	SO312	.03150	8.3851	0.8	V
5008	35244.72	47 02N	19 5E	88.8	189.4	2.033	30.80	57.6	SO312	.03150	8.1460	0.8	A
5009	35250.52	46 06N	18 51E	86.7	189.4	2.033	29.75	58.0	SO312	.03150	8.4593	0.6	V
5010	35253.72	46 05N	18 51E	88.1	189.3	2.033	30.10	58.1	SO312	.03150	8.2119	0.6	A
5011	35294.92	43 02N	16 26E	76.4	188.9	2.511	-16.45	60.0	SO312	.04150	9.4569	0.4	F
5012	35297.72	43 02N	16 26E	75.5	188.9	2.511	-16.10	60.0	SO312	.04150	9.6960	0.4	V
5013	35450.32	32 05N	13 25E	86.1	187.7	2.511	-32.20	67.0	SO312	.01710	8.3603	0.6	F
9001	34908.52	69 07N	32 23E	94.0	198.8	1.113	32.90	37.2	SO312	.04090	7.8006	0.6	V
9002	34911.92	69 07N	32 24E	93.4	198.6	1.113	33.25	37.2	SO312	.04090	7.5779	0.6	A
9003	35056.92	59 01N	22 59E	75.3	192.8	1.810	1.05	46.2	SO312	.04090	9.7301	1.2	V
9004	35068.92	58 06N	23 30E	82.2	192.5	1.810	22.05	47.1	SO312	.04090	8.9220	0.8	V
9005	35071.92	58 06N	23 30E	83.3	192.5	1.810	22.40	47.1	SO312	.04090	8.6829	0.8	A
9006	35093.32	57 10N	22 37E	80.9	191.9	1.810	20.65	48.6	SO312	.04090	9.0622	0.6	V
9007	35096.32	57 10N	22 37E	82.0	191.9	1.810	21.00	48.6	SO312	.04090	8.8148	0.6	A
9008	35133.32	54 03N	20 27E	74.3	191.1	2.170	-4.20	50.8	SO312	.04090	9.8538	0.6	V
9009	35136.12	54 02N	20 27E	75.1	191.1	2.170	-3.85	50.8	SO312	.04090	9.6394	0.6	A
9010	35144.92	54 02N	19 27E	80.9	190.9	2.033	-23.80	51.1	SO312	.04090	8.9550	1.2	A
9011	35274.92	44 02N	17 14E	74.2	189.1	2.511	-2.45	59.1	SO312	.04090	9.7631	1.6	F
9012	35280.32	44 02N	17 14E	74.2	189.0	2.511	-1.75	59.1	SO312	.04090	9.7631	1.4	A
9013	35289.12	44 0N	16 51E	73.1	188.9	2.511	-7.70	59.7	SO312	.04090	10.0187	0.6	V
9014	35297.52	43 05N	16 26E	75.5	188.9	2.511	-16.10	60.0	SO312	.04090	9.6972	0.6	V
9015	35300.32	43 02N	16 26E	76.3	188.8	2.511	-15.75	60.0	SO312	.04090	9.4992	0.4	A
9016	35408.72	35 05N	14 30E	76.3	187.9	2.733	-18.20	65.5	SO312	.03090	9.5982	1.2	V
9017	35412.72	35 04N	14 31E	76.7	187.9	2.733	-16.80	65.5	SO312	.02200	9.4498	0.6	A
9018	35450.32	32 05N	13 25E	86.2	187.7	2.511	-32.20	67.0	SO312	.03090	8.3613	0.4	F
9019	35453.92	32 01N	13 27E	83.6	187.6	2.733	-30.45	67.1	SO312	.03090	8.7571	0.4	V
9020	35456.92	32 01N	13 27E	84.4	187.6	2.733	-30.10	67.1	SO312	.03090	8.6004	0.6	A
9021	35466.32	31 46N	13 58E	73.7	187.6	2.872	-4.20	68.1	SO312	.02200	9.9363	1.0	V
9022	35504.12	29 05N	12 50E	83.0	187.4	2.872	-28.35	68.8	SO312	.03090	8.7241	1.2	A
304 5001	40745.92	33 06N	7 37W	73.7	187.7	2.872	0.00	67.2	SO312	.03150	9.9434	0.8	V
5002	40748.72	33 06N	7 37W	74.6	187.7	2.872	0.35	67.2	SO312	.03150	9.7043	0.8	A
5003	40765.72	32 10N	7 57W	73.5	187.6	2.872	-1.05	67.9	SO312	.03150	9.9599	0.6	V
5004	40774.52	31 09N	8 1W	73.8	187.5	2.872	1.40	68.3	SO312	.03150	9.9269	0.6	V
5005	40824.12	27 06N	7 58W	89.7	187.3	2.511	30.45	70.7	SO312	.01710	8.1212	0.6	F
9001	40686.52	37 05N	5 58W	84.2	188.1	2.511	25.55	65.1	SO312	.03090	8.6334	0.8	F
9002	40689.52	37 05N	5 58W	83.5	188.1	2.511	25.90	65.1	SO312	.03090	8.7818	0.8	V
9003	40769.72	32 10N	7 52W	74.9	187.6	2.872	3.50	68.1	SO312	.02200	9.6477	1.0	A
9004	40777.32	31 09N	8 2W	74.7	187.5	3.090	1.05	68.3	SD312	.02200	9.6724	1.0	A
9005	40792.12	30 09N	8 25W	74.7	187.5	3.090	-5.95	68.7	SD312	.03090	9.6807	1.0	A
9006	40824.92	27 09N	8 2W	87.9	187.3	2.511	29.40	70.7	SO312	.03090	8.3448	0.6	V
9007	40832.12	27 09N	8 2W	89.3	187.3	2.511	29.75	70.7	SO312	.03090	8.0644	0.8	A
305 9001	45581.72	65 05N	18 4W	77.5	195.6	1.475	-7.35	40.7	SO312	.04090	9.3343	1.0	A
306 5001	52361.72	35 07S	65 24W	112.7	187.9	2.872	-13.65	32.0	SO312	.03150	6.2991	1.0	F
5002	52366.72	35 04S	65 18W	110.8	187.9	2.872	-10.50	32.0	SO312	.03150	6.4805	0.8	V
5003	52369.52	36 10S	65 24W	112.1	187.9	2.872	-10.50	31.6	SO312	.03150	6.3321	1.0	F
9001	51869.92	3 05	58 29W	88.7	186.4	3.211	7.35	61.0	SO312	.03090	8.0727	0.8	A
9002	52373.52	36 07S	65 21W	111.8	188.0	2.872	-7.70	31.3	SO312	.04030	6.3493	0.8	F
9003	52377.52	36 10S	65 18W	112.1	188.0	2.872	-7.35	31.6	SO312	.03090	6.3080	0.8	A
9004	52382.92	36 04S	64 59W	111.4	188.0	2.733	4.20	31.1	SO312	.04090	6.4440	1.0	V
9005	52390.32	37 10S	65 38W	111.7	188.1	2.872	-9.10	30.5	SO312	.04090	6.4152	1.0	V
9006	52395.32	37 20S	65 46W	114.2	188.1	3.090	-11.90	30.4	SO312	.03090	6.1926	0.8	A
307 9001	56793.91	24 20N	75 27W	80.4	187.0	2.872	16.10	71.6	SO312	.03090	8.9715	0.4	A
9002	56838.31	20 04N	76 18W	78.1	186.9	3.211	7.70	71.9	SO312	.03090	9.2849	0.6	F
9003	56839.71	20 08N	76 19W	78.1	186.9	3.211	7.70	71.9	SO312	.03090	9.2931	0.6	F
9004	56844.11	20 05N	76 18W	78.6	186.9	3.211	8.75	71.9	SO312	.03090	9.1859	0.4	A
9005	56845.31	20 08N	76 19W	78.5	186.9	3.211	8.75	71.9	SO312	.03090	9.1859	0.6	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
307 9006	57126.51	0 6ON	79 37W	89.6	186.4	3.211	15.75	64.2	SO312	.03090	8.0727	1.0	F
9007	57131.51	0 5ON	79 50W	85.8	186.4	3.211	8.75	64.0	SO312	.03090	8.4932	1.0	V
309 5001	67238.51	34 6ON	117 52W	73.9	187.9	2.872	-3.50	66.3	SO312	.02260	9.8052	0.8	F
5002	67243.91	34 5ON	117 52W	74.0	187.8	2.872	-2.80	66.4	SO312	.02260	9.7950	0.6	A
5003	67252.11	34 1ON	118 15W	74.3	187.8	2.872	-11.20	66.7	SO312	.03150	9.8444	8.0	V
9001	67238.51	34 5ON	117 52W	73.9	187.9	2.872	-3.50	66.4	SO312	.03090	9.8043	0.6	F
9002	67243.91	34 5ON	117 52W	74.0	187.8	2.872	-2.80	66.4	SO312	.03090	9.7961	0.6	A
9003	67252.11	34 1ON	118 15W	74.3	187.8	2.872	-11.20	66.7	SO312	.03090	9.8456	7.8	V
313 9001	1724.50	57 5?N	161 36E	79.1	192.2	2.033	13.30	48.2	SO312	.03090	9.1529	1.0	F
9002	1732.30	57 3?N	161 9E	75.9	192.0	1.810	6.65	48.4	SO312	.03090	9.6559	0.6	V
9003	1735.10	57 3?N	161 9E	76.8	192.0	1.810	7.00	48.4	SD312	.03090	9.4333	0.6	A
9004	1741.70	56 5?N	161 35E	83.4	191.6	1.810	23.80	49.1	SO312	.03090	8.7901	0.6	V
9005	1744.90	56 5?N	161 35E	84.6	191.8	1.810	24.15	49.2	SO312	.03090	8.5510	0.6	A
314 5001	7151.09	50 2N	136 27E	80.3	190.1	2.385	18.55	55.2	SO312	.03150	9.0364	0.4	F
5002	7156.89	50 2N	136 27E	80.9	190.0	2.170	19.60	55.2	SO312	.03150	8.9705	0.4	A
5003	7237.69	44 15N	133 27E	77.2	189.0	2.385	-17.85	59.6	SO312	.03150	9.3662	0.6	F
5004	7240.49	44 15N	133 27E	76.2	189.0	2.385	-17.50	59.6	SO312	.03150	9.6218	1.0	V
5005	7243.69	44 13N	133 26E	77.0	188.9	2.385	-17.15	59.6	SO312	.03150	9.4487	0.6	A
5006	7263.09	42 42N	133 4E	75.8	188.7	2.511	-16.80	60.8	SO312	.03150	9.6548	0.6	V
5007	7265.89	42 42N	133 3E	76.8	188.7	2.511	-16.80	60.8	SO312	.03150	9.4652	0.6	A
9001	7137.89	50 55N	136 51E	81.6	190.3	2.170	20.65	54.5	SO312	.03090	8.8973	0.6	F
9002	7140.89	50 54N	136 51E	80.8	190.2	2.170	21.00	54.5	SO312	.03090	9.0787	0.6	V
9003	7143.89	50 52N	136 45E	80.5	190.2	2.170	20.65	54.7	SO312	.03090	9.1117	0.4	V
9004	7146.69	50 50N	136 45E	81.7	190.1	2.170	21.00	54.6	SO312	.03090	8.8643	0.4	A
9005	7233.89	44 31N	133 29E	77.8	189.0	2.385	-19.25	59.4	SO312	.03090	9.2849	0.4	F
9006	7240.89	44 13N	133 26E	76.2	189.0	2.385	-17.50	59.6	SO312	.03090	9.6229	0.6	V
9007	7243.69	44 13N	133 26E	76.9	188.9	2.385	-17.15	59.6	SO312	.03090	9.4498	0.6	A
9008	7254.09	43 7N	133 12E	76.6	188.8	2.511	-16.10	60.5	SO312	.03090	9.4250	1.0	F
9009	7259.69	43 7N	133 12E	76.4	188.8	2.511	-15.40	60.5	SO312	.03090	9.4992	0.8	A
315 5001	12557.09	43 41N	111 59E	74.7	188.9	2.511	9.10	60.4	SO312	.03150	9.8279	0.6	V
5002	12599.69	40 41N	109 59E	83.9	188.5	2.385	-30.45	62.2	SO312	.02260	8.5994	0.6	F
5003	12602.69	40 41N	109 59E	82.7	188.5	2.385	-30.10	62.2	SO312	.02260	8.8633	0.6	V
5004	12616.29	39 24N	111 10E	79.8	188.3	2.733	19.25	63.8	SO312	.03150	9.1106	0.4	F
5005	12619.09	39 24N	111 11E	79.2	188.3	2.511	19.95	63.8	SO312	.03150	9.2755	0.4	V
5006	12657.69	36 40N	109 33E	75.4	188.0	2.872	-14.35	65.2	SO312	.03150	9.5888	0.4	F
5007	12661.09	36 37N	109 30E	74.8	188.0	2.872	-15.40	65.2	SO312	.03150	9.7785	0.4	V
5008	12664.09	36 36N	109 28E	76.0	188.0	2.872	-16.10	65.2	SO312	.03150	9.5558	0.4	A
5009	12677.89	35 17N	109 8E	76.6	187.9	2.733	-18.20	66.0	SO312	.03150	9.4404	0.6	F
5010	12679.89	35 9N	109 6E	76.9	187.9	2.733	-18.20	66.1	SO312	.03150	9.4074	0.6	F
5011	12683.49	35 5N	109 9E	74.9	187.8	2.733	-15.40	66.2	SO312	.03150	9.7867	0.4	V
5012	12689.09	34 41N	109 14E	73.9	187.8	2.872	-8.75	66.6	SO312	.03150	9.9104	0.6	V
5013	12691.89	34 40N	109 14E	74.8	187.8	2.872	-8.40	66.6	SO312	.03150	9.7043	0.6	A
5014	12697.29	34 5N	109 25E	73.7	187.8	2.872	2.80	67.1	SO312	.03150	9.9434	0.6	V
5015	12700.09	34 4N	109 24E	74.7	187.7	2.872	3.15	67.1	SO312	.03150	9.7043	0.4	A
5016	12808.49	26 16N	107 25E	75.7	187.2	3.090	-11.55	70.5	SO312	.03150	9.5641	0.4	F
5017	12813.69	26 17N	107 32E	75.4	187.1	3.211	-6.30	70.6	SO312	.03150	9.6053	0.4	A
5018	12819.09	25 53N	107 40E	75.3	187.1	3.211	2.45	70.9	SO312	.03150	9.6218	0.4	A
5019	12847.49	23 46N	106 59E	75.6	187.0	3.211	-8.75	71.2	SO312	.03150	9.6795	0.6	V
5020	12850.29	23 46N	106 59E	76.5	187.0	3.211	-8.40	71.2	SO312	.03150	9.4652	0.4	A
5021	12933.29	17 36N	106 37E	86.3	186.7	2.872	22.75	72.2	SO312	.02260	8.4180	1.0	F
9001	12262.09	63 45N	121 35E	89.9	194.6	1.332	28.70	42.9	SO312	.03090	8.0315	0.8	A
9002	12424.09	52 54N	113 39E	81.2	190.6	1.810	-25.90	52.4	SO312	.04090	9.0045	0.8	V
9003	12427.09	52 53N	113 38E	82.0	190.6	2.033	-25.90	52.4	SO312	.03090	8.8561	0.8	A
9004	12431.29	52 12N	113 32E	80.5	190.5	2.033	-23.10	53.0	SO312	.03090	8.9715	1.6	F
9005	12437.69	51 44N	113 39E	77.4	190.4	2.033	-16.45	53.5	SO312	.04090	9.3343	1.0	F
9006	12443.49	51 30N	113 52E	74.3	190.3	2.170	-8.05	53.7	SO312	.03090	9.8621	0.4	V
9007	12446.29	51 30N	113 52E	75.1	190.3	2.170	-7.70	53.7	SO312	.03090	9.6559	0.4	A
9008	12450.29	51 14N	113 43E	75.3	190.2	2.170	-9.10	54.0	SO312	.03090	9.6312	0.4	A
9009	12592.29	41 12N	110 3E	85.1	188.5	2.170	-31.85	61.8	SO312	.02200	8.4603	1.0	F
9010	12619.09	39 23N	111 11E	79.1	188.3	2.511	19.95	63.8	SO312	.03090	9.2766	0.4	V
9011	12621.89	39 24N	111 11E	80.3	188.3	2.511	20.30	63.8	SO312	.03090	9.0045	0.4	A
9012	12628.69	38 52N	110 56E	79.4	188.2	2.733	18.55	64.4	SO312	.03090	9.1447	0.8	F
9013	12634.29	38 33N	110 56E	79.9	188.2	2.511	19.60	64.4	SO312	.03090	9.0540	1.0	A
9014	12660.89	36 38N	109 30E	74.9	188.0	2.872	-15.40	65.2	SO312	.03090	9.7796	0.4	V
9015	12666.29	36 27N	109 26E	75.8	188.0	2.872	-16.10	65.3	SO312	.03090	9.5652	0.4	A
9016	12689.09	34 40N	109 14E	73.9	187.8	2.872	-8.75	66.6	SO312	.03090	9.9115	0.6	V
9017	12691.89	34 40N	109 14E	74.8	187.8	2.872	-8.40	66.6	SO312	.03090	9.7054	0.4	A
9018	12714.29	32 54N	108 56E	74.6	187.6	3.090	-4.55	67.8	SO312	.03090	9.7054	1.0	F
9019	12795.89	31 59N	108 11E	81.1	187.6	2.733	-25.90	67.8	SO312	.03090	8.8890	0.8	F
9020	12728.89	31 59N	108 11E	80.0	187.6	2.733	-25.55	67.8	SO312	.03090	9.1529	0.8	V
9021	12748.09	30 40N	107 50E	81.6	187.5	2.733	-26.00	68.4	SO312	.03090	8.9797	0.4	V
9022	12783.69	28 1N	107 8E	87.6	187.3	2.733	-33.60	69.4	SO312	.03090	8.2211	0.4	F
9023	12786.69	28 2N	107 7E	86.6	187.3	2.733	-33.60	69.4	SO312	.03090	8.4520	0.6	V
9024	12789.09	27 52N	107 5E	86.6	187.3	2.733	-33.60	69.5	SO312	.03090	8.4520	1.0	V
9025	12792.29	27 52N	107 5E	87.3	187.2	2.733	-33.25	69.5	SO312	.03090	8.3118	0.8	A
9026	12814.09	26 15N	107 31E	75.4	187.1	3.211	-6.30	70.6	SO312	.03090	9.6064	0.8	A
9027	12828.29	25 12N	108 11E	87.5	187.1	2.511	27.30	71.7	SO312	.03090	8.2294	0.6	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
315 9028	12831.69	24 45N	108 5E	86.0	187.1	2.733	26.60	71.8	SO312	.03090	8.5015	0.4	V
9029	12837.29	24 42N	108 1E	86.5	187.1	2.733	26.95	71.9	SO312	.03090	8.4603	0.4	V
9030	12850.49	23 45N	106 59E	76.5	187.0	3.211	-8.40	71.2	SO312	.02200	9.4663	0.8	A
9031	12866.29	22 18N	107 9E	78.4	186.9	3.211	9.80	71.9	SO312	.02200	9.2519	1.8	F
9032	12872.89	22 9N	107 8E	78.9	186.9	3.090	10.85	71.9	SO312	.02200	9.1447	1.0	A
9033	12874.89	22 1N	107 7E	78.9	186.9	3.090	10.85	71.9	SO312	.02200	9.1364	0.6	A
9034	12883.89	20 58N	107 9E	82.9	186.9	3.090	18.90	72.2	SO312	.04090	8.7571	0.8	F
9035	12889.89	20 50N	107 9E	83.8	186.9	2.872	20.30	72.2	SO312	.04090	8.6004	0.8	A
9036	12902.69	19 48N	105 47E	84.3	186.8	3.090	-26.60	71.2	SO312	.03090	8.5427	0.6	F
9037	12908.69	19 48N	105 46E	84.0	186.8	3.211	-25.90	71.2	SO312	.03090	8.6252	0.6	A
9038	12947.69	16 42N	105 1E	90.6	186.7	3.090	-33.25	70.7	SO312	.03090	7.9408	0.4	F
9039	12954.29	16 42N	105 0E	90.1	186.7	3.211	-32.55	70.7	SO312	.03090	8.0397	0.4	A
9040	13134.29	3 48N	103 13E	85.4	186.4	3.439	-15.75	65.4	SO312	.03090	8.4273	0.6	F
9041	13139.49	3 51N	103 21E	84.2	186.4	3.574	-10.15	65.6	SO312	.03090	8.5510	1.2	A
9042	13158.89	2 4N	103 19E	84.5	186.4	3.439	0.70	64.6	SO312	.03090	8.5427	0.8	F
9043	13165.69	1 52N	103 45E	92.6	186.4	3.211	20.65	64.6	SO312	.03090	7.8171	1.0	F
9044	13168.49	1 50N	103 43E	92.7	186.4	3.211	20.65	64.5	SO312	.03090	7.8068	0.6	F
9045	13173.89	1 46N	103 43E	93.2	186.4	2.872	21.35	64.6	SO312	.03090	7.6851	1.0	A
9046	13175.49	1 45N	103 42E	93.3	186.4	2.872	21.35	64.5	SO312	.03090	7.6769	0.4	A
316 5001	18241.89	17 44N	83 17E	85.1	186.7	3.090	-26.60	71.0	SO312	.03150	8.4593	0.8	F
5002	18247.89	17 44N	83 17E	84.6	186.7	3.211	-25.55	71.1	SO312	.03150	8.5582	1.0	A
9001	17570.49	63 48N	97 33E	76.9	194.6	1.475	-5.60	42.7	SO312	.04090	9.5240	0.6	V
9002	17573.29	63 48N	97 34E	77.7	194.5	1.475	-5.25	42.7	SO312	.04090	9.3178	0.6	A
9003	17612.09	60 50N	97 27E	86.6	193.3	1.687	26.60	45.6	SO312	.03090	8.4603	0.6	V
9004	17615.29	60 49N	97 28E	87.9	193.2	1.475	27.30	45.6	SO312	.03090	8.2294	0.6	A
9005	17679.49	56 17N	93 32E	76.5	191.6	2.033	-9.10	49.6	SO312	.04090	9.4415	0.6	F
9006	17684.89	56 17N	93 33E	76.3	191.5	2.033	-8.40	49.6	SO312	.04090	9.4940	0.6	A
9007	17895.09	41 35N	88 44E	74.5	188.6	2.733	-10.85	61.8	SO312	.03090	9.7136	0.8	F
9008	17900.49	41 34N	88 44E	74.4	188.6	2.733	-10.15	61.8	SO312	.03090	9.7549	0.8	A
9009	17909.29	40 44N	89 3E	74.4	188.5	2.733	8.05	62.7	SO312	.03090	9.8538	1.2	V
9010	18186.29	21 58N	84 4E	83.3	186.9	3.211	-25.90	71.1	SO312	.03090	8.6911	1.6	A
9011	18191.49	21 57N	84 1E	83.0	186.9	3.211	-25.20	71.2	SO312	.03090	8.7241	0.8	A
9012	18241.69	17 44N	83 17E	85.1	186.7	3.090	-26.60	71.0	SO312	.03090	8.4603	1.0	F
9013	18247.89	17 44N	83 17E	84.5	186.7	3.211	-25.55	71.1	SO312	.04090	8.5592	1.0	A
317 5001	22881.09	63 44N	74 45E	79.7	194.5	1.332	-17.50	42.7	SO312	.03150	9.1766	0.6	V
5002	22905.49	61 43N	75 19E	81.2	193.7	1.810	16.45	44.8	SO312	.02260	8.9292	0.6	F
5003	22914.89	61 40N	73 31E	80.5	193.5	1.687	-18.55	44.6	SO312	.02260	9.0117	0.6	A
5004	23073.49	50 30N	68 21E	87.2	190.1	1.810	-32.20	54.3	SO312	.03150	8.2614	0.8	F
5005	23079.69	50 30N	68 20E	87.0	190.0	2.033	-32.20	54.3	SO312	.03150	8.3603	0.8	A
5006	23112.09	47 54N	67 40E	84.5	189.6	2.033	-29.75	56.6	SO312	.02260	8.5417	0.6	F
5007	23118.08	47 54N	67 41E	83.9	189.5	2.170	-29.05	56.6	SO312	.02260	8.6654	0.6	A
5008	23119.68	47 48N	67 39E	83.9	189.5	2.170	-29.05	56.7	SO312	.02260	8.6571	0.4	A
5009	23243.49	38 51N	65 48E	76.1	188.3	2.733	-15.40	63.7	SO312	.03150	9.4961	0.6	F
5010	23354.28	31 36N	64 20E	75.0	187.5	3.090	-8.40	68.4	SO312	.03150	9.6713	0.6	A
9001	22794.09	69 44N	81 29E	83.6	198.5	1.332	19.25	37.6	SO312	.03090	8.7571	0.8	V
9002	22797.09	69 43N	81 29E	84.5	198.3	1.113	19.60	37.6	SO312	.03090	8.5510	0.8	A
9003	22892.89	63 7N	74 30E	79.5	194.1	1.475	-15.05	43.3	SO312	.03090	9.0952	0.6	A
9004	22897.29	62 45N	74 20E	78.2	194.0	1.475	-10.85	44.0	SO312	.03090	9.2189	0.6	F
9005	23111.88	47 55N	67 40E	84.5	189.6	2.033	-29.75	56.6	SO312	.02200	8.5427	0.6	F
9006	23118.08	47 54N	67 41E	83.8	189.5	2.170	-29.05	56.6	SO312	.02200	8.6664	0.6	A
9007	23184.88	42 48N	67 27E	75.4	188.8	2.733	6.30	61.1	SO312	.03090	9.6147	1.0	F
9008	23190.28	42 48N	67 27E	75.6	188.7	2.511	7.35	61.1	SO312	.03090	9.5735	1.0	A
9009	23246.48	38 50N	65 46E	75.5	188.2	2.733	-16.10	63.7	SO312	.03090	9.6972	0.4	V
9010	23249.08	38 51N	65 46E	76.3	188.2	2.733	-15.75	63.7	SO312	.03090	9.4992	0.6	A
9011	23447.68	25 16N	62 21E	88.3	187.1	2.872	-32.90	70.3	SO312	.03090	8.2129	1.0	A
318 5001	28426.88	47 27N	47 16E	82.1	189.5	2.170	23.45	57.5	SO312	.03150	8.9375	1.0	V
5002	28429.88	47 27N	47 16E	83.4	189.5	2.170	23.80	57.5	SO312	.03150	8.6984	1.0	A
5003	28450.48	46 12N	45 22E	79.3	189.2	2.385	-21.70	58.1	SO312	.03150	9.1683	0.4	A
5004	28488.28	43 12N	44 51E	75.5	188.6	2.385	-12.95	60.6	SO312	.02260	9.5806	0.4	F
5005	28490.88	43 12N	44 51E	74.6	188.8	2.385	-12.60	60.6	SO312	.02260	9.8279	0.6	V
5006	28495.88	43 6N	44 44E	75.9	188.8	2.511	-14.70	60.6	SO312	.02260	9.5641	0.4	A
5007	28522.28	40 50N	44 28E	73.8	188.5	2.733	-5.25	62.4	SO312	.03150	9.8197	0.6	F
5008	28537.48	40 51N	44 29E	73.8	188.5	2.733	-4.20	62.4	SO312	.03150	9.8362	0.8	A
5009	28533.28	40 50N	44 33E	73.5	188.4	2.733	3.15	63.0	SO312	.03150	9.9763	1.4	V
5010	28536.88	40 51N	44 31E	74.4	188.4	2.733	3.15	63.0	SO312	.03150	9.7455	1.0	A
5011	28597.08	36 1N	42 50E	78.8	188.0	2.872	-21.70	65.6	SO312	.03150	9.1683	0.6	F
5012	28595.88	36 1N	42 50E	77.7	187.9	2.872	-21.35	65.6	SO312	.03150	9.4157	0.6	V
5013	28612.68	34 44N	43 40E	79.4	187.8	2.733	18.90	67.0	SO312	.03150	9.2260	0.8	V
5014	28615.68	34 44N	43 39E	80.7	187.8	2.733	19.25	67.0	SO312	.03150	8.9705	0.6	A
5015	28892.48	15 22N	38 57E	78.9	186.7	3.439	-14.35	70.9	SO312	.03150	8.9952	0.6	F
5016	29322.08	13 56S	33 47E	94.4	186.6	3.439	-12.95	51.6	SO312	.03150	7.6677	0.4	V
5017	29325.48	13 56S	33 48E	95.6	186.6	3.439	-12.25	51.6	SO312	.03150	7.4946	0.6	A
5018	29349.68	16 5S	33 38E	96.0	186.7	3.439	-4.90	49.8	SO312	.03150	7.4616	0.8	F
5019	29353.88	16 6S	33 36E	95.0	186.7	3.439	-5.25	49.8	SO312	.03150	7.6183	0.8	V
5020	29357.48	16 8S	33 36E	96.3	186.7	3.439	-4.90	49.8	SO312	.03150	7.4204	0.8	A
5021	29442.28	22 4S	31 42E	110.4	186.9	3.211	-28.35	44.1	SO312	.02260	6.5382	0.6	V
5022	29450.88	22 4.5S	32 3E	102.2	187.0	3.211	-14.70	43.8	SO312	.03150	7.0576	0.8	V
5023	29454.68	22 4.5S	32 3E	103.6	187.0	3.439	-14.35	43.8	SO312	.03150	6.8927	0.8	A
5024	29492.68	25 57S	32 34E	111.6	187.1	2.733	18.90	41.3	SO312	.03150	6.3980	0.8	F
5025	29496.68	25 57S	32 35E	111.3	187.1	2.511	19.95	41.4	SO312	.03150	6.4722	0.8	V

Handle via
BYEMAN Channels
BYE-8915/84

Approved for Release: 2021/01/22 C05132886

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
318 5026	29514.48	27 24S	32 5E	109.1	187.2	2.872	13.30	39.9	SO312	.0315U	6.5547	1.0	F
5027	29518.48	27 24S	32 5E	108.4	187.2	2.872	13.65	39.9	SO312	.0315U	6.6454	1.0	V
5028	29553.28	29 37S	30 24E	110.5	187.4	3.211	-20.30	37.3	SO312	.0315U	6.5052	1.0	V
5029	29561.08	29 37S	30 57E	107.7	187.4	3.090	-3.15	37.3	SO312	.0315U	6.5959	0.8	A
9001	28357.08	52 7N	47 56E	75.3	190.5	2.170	-1.75	53.3	SO312	.0409U	9.6147	0.6	F
9002	28362.48	52 7N	47 58E	75.2	190.4	2.170	-1.05	53.3	SO312	.0409U	9.6312	0.6	A
9003	28387.28	50 6N	46 54E	76.2	190.0	2.170	-12.25	55.0	SO312	.0409U	9.4745	1.0	F
9004	28392.68	50 6N	46 54E	76.0	190.0	2.385	-11.90	55.0	SO312	.0409U	9.5322	1.0	A
9005	28406.08	48 5UN	46 20E	77.5	189.8	2.170	-16.80	56.0	SO312	.0409U	9.3178	0.6	F
9006	28408.88	48 5UN	46 19E	76.6	189.7	2.385	-17.15	56.0	SO312	.0409U	9.5652	1.0	V
9007	28412.28	48 4?N	46 18E	77.4	189.7	2.385	-16.80	56.0	SO312	.0409U	9.3756	0.4	A
9008	28415.68	48 4?N	46 17E	75.6	189.7	2.385	-14.00	56.4	SO312	.0409U	9.6972	1.0	V
9009	28441.08	46 4?N	45 60E	74.8	189.6	2.511	-4.90	58.1	SO312	.0409U	9.6807	0.6	F
9010	28480.88	43 5?N	44 41E	79.0	188.9	2.385	-23.45	59.9	SO312	.0220U	9.2684	0.4	V
9011	28483.68	43 5?N	44 42E	79.6	188.9	2.385	-22.75	59.9	SO312	.0220U	9.1199	0.4	A
9012	28509.48	41 4?N	44 54E	74.5	188.6	2.733	1.75	61.9	SO312	.0220U	9.7219	0.6	F
9013	28512.28	41 4?N	44 53E	73.7	188.6	2.733	2.10	61.9	SO312	.0220U	9.9528	0.6	V
9014	28522.28	40 5?N	44 28E	73.8	188.5	2.734	-5.25	62.4	SO312	.0309U	9.8208	0.6	F
9015	28527.48	40 5?N	44 29E	73.8	188.5	2.733	-4.20	62.4	SO312	.0309U	9.8373	0.6	A
9016	28547.08	39 2?N	45 7E	86.6	188.3	2.385	28.70	63.9	SO312	.0309U	8.3283	0.6	A
9017	28556.48	38 3?N	44 58E	86.8	188.2	2.385	30.10	64.6	SO312	.0309U	8.4355	0.8	V
9018	28559.68	38 3?N	44 58E	88.4	188.2	2.170	30.80	64.6	SO312	.0309U	8.1716	0.6	A
9019	28576.68	37 1?N	42 39E	88.4	188.1	2.385	-34.65	64.6	SO312	.0309U	8.1551	0.6	F
9020	28579.88	37 1?N	42 39E	87.1	188.0	2.385	-34.30	64.6	SO312	.0309U	8.4190	0.6	V
9021	28587.88	36 2?N	43 9E	75.8	188.0	2.872	-13.30	65.5	SO312	.0220U	9.5322	1.0	F
9022	28607.28	34 5?N	43 25E	76.0	187.9	2.872	8.05	66.7	SO312	.0220U	9.5487	1.0	F
9023	28624.68	33 5?N	43 51E	88.6	187.7	2.385	30.80	67.8	SO312	.0309U	8.2706	0.8	V
9024	28627.88	33 5?N	43 51E	90.0	187.7	2.385	31.15	67.8	SO312	.0309U	7.9985	0.8	A
9025	28634.68	33 4?N	43 34E	85.6	187.7	2.511	26.25	67.9	SO312	.0168U	8.4355	1.0	A
9026	28753.88	24 9?N	40 31E	80.5	187.1	3.090	-22.75	70.7	SO312	.0309U	8.9715	0.8	F
9027	28774.28	23 9?N	40 3E	86.4	187.0	3.090	-31.15	70.7	SO312	.0309U	8.4025	1.0	A
9028	28867.28	17 4?N	38 52E	88.5	186.7	3.211	-30.80	70.9	SO312	.0309U	8.1799	1.0	A
9029	28886.48	16 1?N	38 42E	86.5	186.7	3.211	-28.35	70.7	SO312	.0309U	8.3613	1.0	A
9030	28892.48	15 2?N	38 57E	80.2	186.7	3.439	-14.35	70.9	SO312	.0409U	8.9962	0.8	F
9031	28895.48	15 2?N	38 56E	79.2	186.7	3.439	-14.00	70.9	SO312	.0409U	9.2189	0.8	V
9032	28898.68	15 2?N	38 55E	79.1	186.7	3.439	-14.35	70.9	SO312	.0309U	9.1364	1.0	A
9033	29071.88	3 4?N	36 60E	84.0	186.4	3.574	-6.65	65.3	SO312	.0309U	8.5592	1.4	A
9034	29101.28	1 1?N	36 6E	91.6	186.4	3.439	-26.95	63.4	SO312	.0309U	7.9490	1.2	V
9035	29109.28	0 0?N	36 26E	85.1	186.4	3.574	-10.50	63.4	SO312	.0309U	8.5592	1.0	V
9036	29116.68	0 1?N	36 32E	84.7	186.4	3.574	-3.50	63.3	SO312	.0309U	8.4767	1.2	A
9037	29154.68	2 2?S	34 50E	113.7	186.4	3.090	-43.75	60.3	SO312	.0220U	6.3905	1.2	V
9038	29161.28	2 3?S	34 54E	111.1	186.4	3.211	-41.30	60.3	SO312	.0220U	6.4812	1.0	A
9039	29371.48	17 7S	33 33E	97.1	186.7	3.439	-0.70	49.0	SD312	.0309U	7.3388	1.2	A
9040	29418.68	20 4?S	31 40E	119.3	186.9	3.090	-36.05	45.1	SD312	.0309U	5.9617	1.0	F
9041	29438.08	22 4S	31 41E	112.1	186.9	3.211	-29.05	44.1	SD312	.0309U	6.3493	0.6	F
9042	29465.28	23 0?S	31 9E	117.6	187.0	3.090	-32.55	42.3	SO312	.0309U	6.0442	0.8	F
9043	29473.88	23 0?S	31 10E	117.1	187.0	3.439	-31.85	42.4	SO312	.0309U	6.1019	0.8	A
9044	29491.08	25 0?S	32 35E	111.7	187.1	2.733	18.90	41.4	SO312	.0409U	6.3988	2.2	F
9045	29496.28	25 0?S	32 36E	111.4	187.1	2.511	19.95	41.4	SO312	.0309U	6.4730	1.2	V
9046	29500.48	25 0?S	32 36E	113.6	187.2	2.511	20.65	41.4	SO312	.0309U	6.2838	1.2	A
9047	29526.28	27 0?S	32 27E	118.9	187.3	2.385	25.90	39.6	SO312	.0309U	6.0442	0.8	V
9048	29530.68	27 0?S	32 28E	121.2	187.3	2.170	26.60	39.6	SO312	.0309U	5.8298	0.8	A
9049	29546.48	29 0S	30 19E	113.5	187.4	3.211	-25.55	37.7	SO312	.0309U	6.3328	1.2	V
319 5001	33420.88	68 5?N	33 46E	84.8	197.8	0.986	-24.50	37.9	SO312	.0415U	8.6077	0.4	V
5002	33423.88	68 5?N	33 47E	85.6	197.7	0.986	-24.15	37.9	SO312	.0415U	8.4675	0.6	A
5003	33634.88	53 9?N	27 43E	86.1	191.0	2.033	26.60	51.9	SO312	.0315U	8.4345	0.8	F
5004	33637.88	53 9?N	27 44E	85.4	191.0	2.033	26.95	51.9	SO312	.0315U	8.5829	1.0	V
5005	33639.48	53 9?N	27 41E	85.4	190.9	2.033	26.95	52.0	SO312	.0315U	8.5829	0.6	V
5006	33642.48	53 5?N	27 41E	86.5	190.9	1.810	27.30	52.0	SO312	.0315U	8.3768	0.6	A
5007	33767.88	45 4?N	23 56E	75.0	189.1	2.511	6.65	59.0	SO312	.0226U	9.6713	0.4	A
5008	33780.28	44 4?N	23 52E	76.7	189.0	2.385	14.00	60.0	SO312	.0315U	9.5558	0.6	V
5009	33783.08	44 4?N	23 52E	77.8	189.0	2.385	14.35	60.8	SO312	.0315U	9.3085	0.6	A
5010	33788.68	43 4?N	23 47E	77.9	188.9	2.385	16.45	60.5	SO312	.0315U	9.4157	0.6	V
5011	33791.48	43 4?N	23 47E	79.0	188.9	2.385	16.80	60.5	SO312	.0315U	9.1683	0.6	A
5012	33800.08	42 4?N	23 35E	79.5	188.8	2.511	18.55	61.3	SO312	.0315U	9.1518	0.4	F
5013	33802.88	42 4?N	23 35E	78.8	188.8	2.511	18.90	61.3	SO312	.0315U	9.3167	0.6	V
5014	33808.28	42 2?N	23 40E	81.8	188.7	2.385	24.15	61.6	SO312	.0315U	8.9622	0.4	V
5015	33811.08	42 2?N	23 40E	83.2	188.7	2.170	24.85	61.6	SO312	.0315U	8.7066	0.6	A
5016	33815.48	41 5?N	23 39E	84.6	188.6	2.170	27.65	62.1	SO312	.0171U	8.6819	0.6	V
5017	33818.68	41 5?N	23 39E	85.9	188.6	2.170	28.00	62.1	SO312	.0171U	8.4263	0.6	A
5018	33949.48	32 5?N	20 39E	75.3	187.6	2.872	3.85	68.0	SO312	.0315U	9.6301	0.6	F
5019	33952.28	32 5?N	20 39E	74.6	187.6	2.872	4.20	68.1	SO312	.0315U	9.8279	0.4	V
5020	34100.68	22 4?N	17 42E	86.7	186.9	3.090	-30.80	70.9	SO312	.0171U	8.3768	0.6	A
9001	33548.08	60 1?N	29 22E	75.7	193.0	1.810	-0.70	46.1	SO312	.0409U	9.6724	0.4	V
9002	33550.88	60 1?N	29 22E	76.5	192.9	1.810	-0.35	46.1	SO312	.0409U	9.4580	0.4	A
9003	33568.88	58 9?N	28 1E	77.9	192.4	1.810	-16.10	47.3	SO312	.0409U	9.3920	0.6	V
9004	33571.68	58 9?N	28 1E	78.6	192.4	1.810	-15.75	47.3	SO312	.0409U	9.2106	0.6	A
9005	33654.08	53 2N	25 59E	74.6	190.7	2.170	-7.00	52.5	SO312	.0409U	9.8126	0.6	V
9006	33656.88	53 2N	25 59E	75.4	190.6	2.170	-6.65	52.5	SO312	.0409U	9.6064	0.6	A
9007	33683.68	50 4?N	25 21E	75.0	190.2	2.385	-3.15	54.4	SO312	.0409U	9.6559	0.8	F
9008	33688.88	50 5?N	25 21E	74.9	190.1	2.385	-2.45	54.4	SO312	.0409U	9.6642	1.0	A
9009	33693.28	50 5N	25 11E	74.9	190.1	2.385	-1.75	55.0	SO312	.0409U	9.6724	0.6	F
9010	33696.08	50 5N	25 10E	74.0	190.0	2.385	-1.40	55.0	SO312	.0409U	9.9033	0.6	V
9011	33760.08	45 4?N	24 23E	78.1	189.2	2.385	17.15	58.9	SO312	.0220U	9.3920	0.6	V

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
319 9012	33762.88	45 40N	24 23E	79.2	189.2	2.385	17.50	58.9	S0312	.02200	9.1282	0.6	A
9013	33858.08	38 57N	20 54E	89.5	188.3	2.170	-35.35	63.4	S0312	.03090	8.0397	0.8	F
9014	33864.88	38 49N	21 24E	76.7	188.2	2.733	-18.90	63.9	S0312	.02200	9.5487	1.0	V
9015	33871.68	38 40N	21 26E	75.1	188.2	2.733	-14.00	64.3	S0312	.02200	9.7549	0.4	V
9016	33874.48	38 40N	21 25E	76.0	188.1	2.733	-14.00	64.3	S0312	.02200	9.5322	0.4	A
9017	33877.68	37 57N	21 18E	76.7	188.1	2.733	-16.10	64.4	S0312	.03090	9.4580	0.8	A
9018	34000.28	29 9N	19 5E	83.2	187.4	2.733	-27.65	69.2	S0312	.03090	8.6664	1.2	F
320 5001	39282.08	30 54N	3 4W	92.9	187.5	2.385	-38.50	68.1	S0312	.01710	7.7502	0.8	F
5002	39285.28	30 50N	3 4W	91.6	187.5	2.385	-38.15	68.1	S0312	.01710	7.9893	1.0	V
5003	39523.28	14 40N	5 59W	90.7	186.6	3.090	-33.25	70.2	S0312	.01710	8.0470	0.6	V
5004	39528.28	14 22N	5 59W	90.9	186.6	3.211	-32.20	70.2	S0312	.01710	7.9646	0.8	A
9001	39210.08	35 45N	0 40W	75.6	187.9	2.872	6.30	66.2	S0312	.04090	9.5982	1.0	F
9002	39215.48	35 46N	0 41W	75.7	187.9	2.733	7.00	66.2	S0312	.04090	9.5405	1.0	A
9003	39242.48	33 39N	0 36W	83.6	187.7	2.511	25.90	67.8	S0312	.03090	8.7818	0.4	V
9004	39245.48	33 39N	0 36W	84.9	187.7	2.511	26.25	67.8	S0312	.03090	8.5015	0.6	A
9005	39517.28	14 40N	5 60W	93.6	186.6	2.872	-35.00	70.2	S0312	.01680	7.6686	0.6	F
9006	39534.28	13 46N	6 3W	89.1	186.6	3.090	-31.15	70.0	S0312	.03090	8.1964	0.8	V
322 5001	50596.47	17 29S	54 58W	96.7	186.7	3.439	-2.10	48.6	S0312	.03150	7.4121	1.0	F
5002	50600.47	17 34S	54 58W	96.0	186.7	3.211	-0.70	48.6	S0312	.03150	7.5358	1.0	V
5003	50606.87	17 41S	55 9W	97.6	186.8	3.439	-5.60	48.4	S0312	.03150	7.3215	0.8	A
5004	50617.27	18 54S	55 15W	97.5	186.8	3.439	-2.80	47.3	S0312	.03150	7.3215	1.0	F
5005	50622.27	19 10S	55 32W	98.7	186.8	3.439	-9.80	46.9	S0312	.03150	7.2555	1.0	F
5006	50725.47	25 46S	56 28W	104.2	187.1	3.090	1.75	41.2	S0312	.03150	6.8268	0.4	A
5007	50847.87	34 03S	58 30W	110.4	187.8	2.872	-3.85	32.9	S0312	.03150	6.4475	0.6	F
5008	50852.07	34 04S	58 30W	109.5	187.8	2.872	-3.50	32.9	S0312	.03150	6.5547	0.4	V
5009	50855.67	34 08S	58 34W	109.7	187.8	2.872	-3.50	32.7	S0312	.03150	6.5464	0.6	V
5010	50859.67	34 08S	58 34W	111.4	187.8	2.872	-3.15	32.7	S0312	.03150	6.3650	0.6	A
5011	50866.07	35 44S	59 16W	114.6	187.9	2.872	-16.10	31.6	S0312	.03150	6.1319	0.8	F
5012	50874.47	35 48S	59 22W	116.2	187.9	3.090	-17.85	31.6	S0312	.03150	6.1094	1.0	A
5013	50881.67	36 05S	59 52W	120.5	188.0	2.872	-23.80	30.5	S0312	.03150	5.8786	0.8	F
5014	50889.27	36 09S	59 45W	116.4	188.0	2.872	-19.25	30.4	S0312	.03150	6.1589	0.6	V
5015	50893.47	36 09S	59 45W	118.1	188.1	3.090	-19.25	30.4	S0312	.03150	6.0105	0.8	A
5016	50914.67	38 22S	60 19W	122.7	188.2	3.090	-23.80	29.0	S0312	.03150	5.7796	1.0	A
9001	50549.67	16 09S	55 12W	97.8	186.7	3.439	-12.60	48.9	S0312	.03090	7.3223	0.8	F
9002	50631.07	19 40S	54 44W	105.0	186.8	2.872	18.90	47.0	S0312	.03090	6.8853	1.0	V
9003	50638.27	20 20S	54 39W	111.7	186.8	2.733	24.85	46.4	S0312	.03090	6.4235	0.4	F
9004	50641.67	20 26S	54 40W	110.5	186.8	2.511	24.85	46.4	S0312	.03090	6.5389	1.0	V
9005	50716.07	25 26S	55 59W	106.2	187.1	2.733	13.65	41.7	S0312	.03090	6.7863	1.0	V
323 5001	55827.07	12 1S	77 8W	109.1	186.6	3.211	-35.00	52.7	S0312	.03150	6.6371	0.6	V
5002	55831.07	12 1S	77 8W	110.1	186.6	3.439	-34.65	52.8	S0312	.03150	6.5382	0.6	A
9001	55490.67	10 41N	71 37W	87.0	186.5	3.090	19.25	70.0	S0312	.03090	8.3366	0.6	F
9002	55493.67	10 42N	71 37W	86.4	186.5	2.872	19.95	70.0	S0312	.03090	8.4603	0.8	V
9003	55536.07	7 40N	72 14W	85.5	186.5	3.090	15.75	68.5	S0312	.03090	8.5427	0.6	V
9004	55549.47	7 10N	73 7W	83.8	186.5	3.574	-16.10	67.4	S0312	.03090	8.6169	0.4	A
9005	55569.87	5 46N	72 58W	81.9	186.5	3.439	1.05	66.9	S0312	.03090	8.7901	0.8	A
325 5001	65672.46	40 14N	110 23W	73.3	188.4	2.733	-3.15	63.0	S0312	.03150	9.8609	0.8	F
5002	65677.86	40 13N	110 23W	73.5	188.4	2.733	-2.45	63.0	S0312	.03150	9.8609	0.6	A
5003	65768.26	33 47N	110 42W	97.7	187.7	2.385	37.80	68.3	S0312	.02260	7.4369	0.6	F
5004	65771.86	33 26N	110 42W	97.4	187.7	2.170	38.50	68.3	S0312	.02260	7.5358	0.4	V
5005	65775.46	33 26N	110 42W	99.3	187.7	2.170	38.85	68.3	S0312	.01710	7.2720	0.4	A
5006	65786.06	32 11N	110 50W	103.4	187.6	2.170	41.30	69.1	S0312	.02260	7.0576	0.6	F
5007	65789.66	32 12N	110 51W	102.3	187.6	2.170	41.30	69.1	S0312	.02260	7.1813	0.8	V
5008	65793.46	32 12N	110 51W	104.3	187.6	1.810	42.00	69.1	S0312	.02260	6.9257	0.6	A
9001	65672.46	40 13N	110 23W	73.4	188.4	2.733	-3.15	63.0	S0312	.03090	9.8621	0.6	F
9002	65677.66	40 14N	110 23W	73.4	188.4	2.733	-2.45	63.0	S0312	.03090	9.8621	0.8	A
9003	65768.26	33 26N	110 43W	97.8	187.7	2.385	37.80	68.3	S0312	.02200	7.4377	0.4	F
9004	65771.66	33 26N	110 42W	97.4	187.7	2.170	38.50	68.3	S0312	.02200	7.5367	0.6	V
9005	65775.26	33 26N	110 42W	99.2	187.7	2.170	38.85	68.3	S0312	.02200	7.2728	0.4	A
9006	65785.86	32 12N	110 50W	103.4	187.6	2.170	41.30	69.1	S0312	.02200	7.0584	0.8	F
9007	65789.66	32 11N	110 51W	102.3	187.6	2.170	41.30	69.1	S0312	.02200	7.1821	0.6	V
9008	65793.26	32 12N	110 51W	104.2	187.6	1.810	42.00	69.1	S0312	.02200	6.9265	0.8	A
330 9001	5882.25	36 12N	137 56E	74.2	187.9	2.872	-6.30	65.8	S0312	.03090	9.7714	1.0	A
9002	5892.05	35 27N	136 53E	87.9	187.9	2.511	-35.35	65.8	S0312	.01680	8.3118	1.0	V
9003	5895.25	35 27N	136 53E	88.7	187.9	2.511	-35.00	65.8	S0312	.01680	8.1799	1.0	A
331 5001	11087.05	43 20N	118 3E	75.1	188.8	2.511	9.10	60.9	S0312	.03150	9.6546	0.4	A
9001	10782.65	63 42N	125 33E	78.0	194.6	1.475	-10.50	43.0	S0312	.04090	9.2436	0.8	F
9002	10789.25	63 42N	125 34E	77.8	194.5	1.475	-9.80	43.0	S0312	.04090	9.3096	0.8	A
9003	11073.05	43 55N	118 15E	75.4	189.0	2.511	9.10	60.4	S0312	.03090	9.6229	0.6	F
9004	11077.25	43 39N	118 1E	74.4	188.9	2.733	4.20	60.6	S0312	.03090	9.7466	0.6	F
9005	11081.25	43 40N	117 59E	74.1	188.9	2.511	2.80	60.5	S0312	.03090	9.7796	0.6	A
9006	11100.25	42 1N	117 58E	77.9	188.7	2.511	17.15	62.0	S0312	.03090	9.3261	0.4	F

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
331 9007	11108.05	41 55N	117 6E	74.2	188.6	2.733	-8.05	62.1	SO312	.03090	9.7549	0.4	F
9008	11114.25	41 5N	117 31E	76.0	188.6	2.733	10.50	62.6	SO312	.03090	9.5405	0.6	F
9009	11117.85	40 51N	117 22E	75.2	188.5	2.733	7.70	62.8	SO312	.03090	9.6394	0.4	F
9010	11124.85	40 26N	116 41E	75.4	188.5	2.733	-12.60	62.8	SO312	.03090	9.5982	0.6	F
9011	11127.65	40 26N	116 41E	74.4	188.4	2.733	-12.25	62.9	SO312	.03090	9.8456	0.6	V
9012	11147.05	37 51N	116 8E	74.5	188.1	2.872	-7.00	65.0	SO312	.03090	9.7054	0.8	F
9013	11172.45	37 51N	116 8E	74.5	188.1	2.872	-6.30	65.0	SO312	.03090	9.7219	0.8	A
9014	11177.85	36 58N	115 60E	73.7	188.0	2.872	-6.65	65.4	SO312	.03090	9.9445	0.4	V
9015	11182.45	36 27N	116 2E	74.4	188.0	2.872	-1.40	65.8	SO312	.03090	9.7301	0.4	F
9016	11187.85	36 2N	116 18E	76.8	188.0	2.872	11.90	66.2	SO312	.03090	9.4498	0.6	F
9017	11191.65	35 57N	116 18E	76.6	187.9	2.872	13.30	66.3	SO312	.03090	9.5652	0.4	V
9018	11198.25	35 28N	116 34E	83.6	187.9	2.511	25.55	66.8	SO312	.03090	8.7736	0.6	V
9019	11206.05	34 59N	115 53E	74.6	187.8	2.872	5.95	66.8	SO312	.03090	9.8373	0.6	V
9020	11211.05	34 28N	115 40E	74.9	187.8	2.872	2.45	67.1	SO312	.03090	9.6807	0.4	F
9021	11217.05	34 26N	115 34E	74.7	187.8	2.872	-0.35	67.1	SO312	.03090	9.6972	0.4	A
9022	11227.25	33 58N	114 40E	80.9	187.7	2.733	-26.60	67.1	SO312	.03090	9.0540	0.4	V
9023	11241.85	32 14N	115 55E	86.9	187.6	2.511	28.00	68.8	SO312	.03090	8.3531	0.4	F
9024	11247.25	31 54N	115 41E	83.2	187.6	2.733	23.10	68.9	SO312	.03090	8.7406	0.4	F
9025	11254.25	31 31N	115 20E	77.5	187.5	2.872	12.25	68.8	SO312	.03090	9.3096	0.4	A
9026	11263.45	31 7N	114 23E	76.8	187.5	2.872	-18.20	68.6	SO312	.03090	9.5405	0.4	V
9027	11268.25	30 46N	114 16E	78.1	187.5	2.872	-18.90	68.8	SO312	.03090	9.2519	0.6	F
9028	11271.05	30 35N	114 16E	77.1	187.5	2.872	-18.55	68.9	SO312	.03090	9.5075	0.6	V
9029	11274.05	30 11N	114 11E	78.3	187.4	2.872	-19.25	69.0	SO312	.03090	9.2271	0.4	F
9030	11277.25	30 10N	114 8E	77.9	187.4	2.872	-20.30	69.0	SO312	.03090	9.4085	0.4	V
9031	11283.65	29 52N	114 28E	75.2	187.4	3.090	-4.55	69.4	SO312	.03090	9.6229	0.4	A
9032	11296.45	28 55N	114 28E	75.9	187.3	3.090	4.90	70.2	SO312	.02200	9.5487	0.4	F
9033	11299.25	28 45N	114 28E	75.2	187.3	3.090	5.60	70.2	SO312	.02200	9.7384	0.4	V
9034	11311.85	27 59N	113 12E	88.6	187.3	2.733	-35.00	69.6	SO312	.03090	8.2459	0.4	V
9035	11315.05	27 54N	113 12E	89.4	187.2	2.733	-34.65	69.6	SO312	.03090	8.1139	0.4	A
9036	11329.65	26 37N	112 54E	90.8	187.2	2.733	-36.75	70.0	SO312	.02200	8.0562	0.6	V
9037	11336.25	25 54N	113 18E	79.2	187.1	3.090	-19.60	70.6	SO312	.03090	9.1199	0.6	F
9038	11346.65	25 16N	114 10E	81.4	187.1	2.872	19.95	71.6	SO312	.03090	8.9962	0.8	V
9039	11349.65	25 16N	114 10E	82.6	187.1	2.872	20.30	71.6	SO312	.03090	8.7241	0.6	A
9040	11355.25	24 59N	114 14E	85.9	187.1	2.733	26.25	71.9	SO312	.03090	8.5180	0.4	V
9041	11358.45	24 59N	114 14E	87.4	187.1	2.511	26.95	72.0	SO312	.03090	8.2459	0.4	A
9042	11375.85	23 6N	113 25E	77.6	187.0	3.211	6.65	71.8	SO312	.04090	9.3426	0.6	F
9043	11378.65	23 6N	113 25E	76.9	187.0	3.211	7.00	71.8	SO312	.04090	9.5240	0.6	V
332 9001	16488.84	36 28N	94 54E	88.4	188.0	2.511	31.50	66.3	SO312	.02200	8.2459	1.0	F
9002	16495.64	36 26N	94 48E	86.5	188.0	2.385	29.75	66.3	SO312	.02200	8.3448	1.0	A
9003	16564.64	31 28N	92 4E	80.7	187.5	2.733	-28.35	68.3	SO312	.03090	8.9385	0.4	F
9004	16675.84	23 48N	90 26E	87.4	187.0	2.872	-31.50	70.8	SO312	.03090	8.2211	0.4	F
9005	16678.84	23 48N	90 26E	86.2	187.0	2.872	-31.15	70.8	SO312	.03090	8.4767	1.2	V
9006	16682.84	23 45N	90 25E	86.8	187.0	3.090	-30.80	70.9	SO312	.03090	8.3531	0.4	A
333 5001	21666.04	45 53N	73 25E	80.3	189.2	2.170	-25.90	58.5	SO312	.03150	9.1106	0.4	V
5002	21668.84	45 53N	73 24E	81.4	189.2	2.385	-26.25	58.5	SO312	.03150	8.9375	0.4	A
9001	21660.24	46 4N	73 29E	81.3	189.3	2.170	-25.90	58.4	SO312	.03090	8.8726	0.8	F
9002	21663.24	46 4N	73 29E	80.1	189.2	2.170	-25.55	58.4	SO312	.03090	9.1364	0.6	V
9003	21815.84	35 19N	71 33E	73.6	187.9	2.872	-0.70	66.5	SO312	.03090	9.8373	0.8	F
9004	21817.24	35 14N	71 32E	73.8	187.9	2.872	-0.70	66.6	SO312	.03090	9.8126	0.8	F
9005	21822.44	35 4N	71 22E	73.3	187.8	2.872	-5.25	66.6	SO312	.03090	9.9940	1.0	V
9006	21832.84	34 26N	70 31E	82.8	187.8	2.733	-29.75	66.6	SO312	.02200	8.8396	0.8	V
9007	21835.84	34 26N	70 30E	83.6	187.8	2.733	-29.40	66.6	SO312	.02200	8.6911	0.8	A
9008	21844.24	34 25N	70 35E	78.2	187.7	2.872	-20.65	67.4	SO312	.02200	9.2271	1.0	F
9009	21847.64	34 25N	70 35E	77.2	187.7	2.872	-20.30	67.4	SO312	.02200	9.4424	0.4	V
9010	21860.04	32 24N	71 27E	80.4	187.6	2.733	20.30	68.6	SO312	.02200	9.1034	0.4	V
9011	21863.04	32 24N	71 27E	81.6	187.6	2.733	20.65	68.6	SO312	.02200	8.8313	0.4	A
9012	21870.24	31 58N	70 55E	75.6	187.5	2.872	4.55	68.6	SO312	.03090	9.5735	0.8	A
9013	21892.44	30 1N	70 36E	76.5	187.4	3.090	7.35	69.6	SO312	.02200	9.4828	1.0	F
9014	21896.04	30 1N	70 36E	76.8	187.4	2.872	8.40	69.6	SO312	.02200	9.4085	0.8	A
334 5001	26951.24	47 12N	51 59E	77.5	189.5	2.385	-18.20	57.6	SO312	.03150	9.3332	0.6	F
9001	26758.24	60 17N	57 18E	76.8	193.1	1.810	-9.80	46.2	SO312	.04090	9.4085	0.4	F
9002	26760.84	60 18N	57 19E	75.8	193.0	1.810	-9.45	46.2	SO312	.04090	9.6559	0.4	V
9003	26767.24	59 42N	56 44E	78.4	192.8	1.687	-15.75	46.7	SO312	.04090	9.2024	0.8	F
9004	26772.84	59 42N	56 45E	78.1	192.7	1.810	-15.05	46.7	SO312	.04090	9.2766	1.0	A
9005	26792.24	58 1N	55 55E	78.3	192.2	1.810	-16.45	48.3	SO312	.04090	9.2106	1.0	F
9006	26797.84	58 1N	55 54E	78.1	192.1	1.810	-16.10	48.3	SO312	.04090	9.2766	1.0	A
9007	26807.64	57 11N	55 26E	78.1	191.8	1.810	-18.90	49.0	SO312	.04090	9.3591	0.4	V
9008	26810.44	57 11N	55 26E	78.9	191.8	1.810	-18.55	49.0	SO312	.04090	9.1859	0.4	A
9009	26826.64	55 49N	55 27E	74.5	191.4	2.033	-4.90	50.3	SO312	.04090	9.8291	0.4	V
9010	26834.24	55 0N	56 5E	80.7	191.3	2.170	18.90	51.2	SO312	.04090	8.9962	0.6	F
9011	26840.04	55 0N	56 5F	80.9	191.2	2.033	19.60	51.2	SO312	.04090	8.9385	0.6	A
9012	26844.04	54 44N	55 55E	80.3	191.1	2.033	18.55	51.4	SO312	.04090	9.0045	0.4	A
9013	26855.04	53 56N	55 32E	80.9	190.9	2.170	19.60	52.5	SO312	.04090	8.9797	0.8	F
9014	26860.84	53 56N	55 32E	81.1	190.8	2.033	20.30	52.5	SO312	.04090	8.9138	0.8	A
9015	26884.04	51 49N	54 37E	78.7	190.4	2.170	15.75	54.1	SO312	.04090	9.2271	1.0	F
9016	26889.64	51 49N	54 37E	79.0	190.3	2.170	16.45	54.1	SO312	.04090	9.1612	1.0	A
9017	26950.24	47 16N	51 60F	77.5	189.5	2.385	-18.20	57.5	SO312	.03090	9.3343	0.8	F
9018	26954.84	47 9N	51 51E	77.8	189.4	2.170	-21.00	57.6	SO312	.03090	9.4003	0.6	V
9019	26957.64	47 9N	51 50E	78.6	189.4	2.385	-21.00	57.6	SO312	.03090	9.2271	0.8	A
9020	26979.44	45 23N	51 47E	73.9	189.1	2.511	-8.05	59.1	SO312	.04090	9.9198	0.4	V

Handle via
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BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
334 9021	26982.04	45 26N	51 47E	74.7	188.1	2.511	-7.70	59.1	S0312	.0409U	9.6972	0.4	A
9022	27002.04	43 41N	51 19E	74.7	188.9	2.511	-8.05	60.5	S0312	.0309U	9.6889	1.6	F
9023	27006.04	43 39N	51 18E	74.6	188.8	2.511	-7.35	60.5	S0312	.0309U	9.7136	1.0	A
9024	27044.44	40 51N	49 26E	94.9	188.5	2.033	-39.90	62.2	S0312	.0168U	7.5044	1.0	F
9025	27047.84	40 51N	49 26E	93.3	188.5	2.033	-39.55	62.2	S0312	.0168U	7.8418	1.0	V
9026	27053.44	40 49N	49 49E	81.5	188.4	2.385	-27.65	62.7	S0312	.0309U	8.9880	0.6	V
9027	27056.44	40 49N	49 49E	82.2	188.4	2.385	-27.30	62.7	S0312	.0309U	8.8313	0.6	A
9028	27064.64	39 54N	49 21E	90.3	188.3	2.385	-36.40	62.9	S0312	.0168U	8.0480	1.2	A
9029	27125.04	35 17N	48 37E	82.6	187.9	2.511	-29.05	66.1	S0312	.0309U	8.7159	1.4	F
9030	27131.24	35 16N	48 40E	80.9	187.8	2.733	-26.60	66.2	S0312	.0220U	8.9797	1.2	A
9031	27136.44	34 54N	48 34E	81.6	187.8	2.733	-27.65	66.4	S0312	.0309U	8.8973	1.0	A
9032	27274.24	24 60N	46 42E	80.8	187.1	3.090	-22.75	70.8	S0312	.0309U	8.9303	1.0	F
9033	27279.84	24 47N	46 51E	76.8	187.1	3.090	-14.70	71.1	S0312	.0309U	9.5322	0.4	V
9034	27282.64	24 47N	46 51E	77.6	187.1	3.090	-14.35	71.1	S0312	.0309U	9.3261	0.4	A
9035	27285.24	24 47N	46 50E	77.6	187.1	3.090	-14.00	71.1	S0312	.0309U	9.3261	0.6	A
9036	27407.84	16 14N	44 48E	88.8	186.7	3.211	-30.80	70.7	S0312	.0309U	8.1469	0.8	A
9037	27439.24	13 48N	44 48E	80.0	186.6	3.439	-15.75	70.4	S0312	.0309U	9.1364	1.0	V
9038	27443.04	13 45N	44 45E	81.4	186.6	3.439	-16.80	70.4	S0312	.0309U	8.8808	0.8	A
9039	27448.84	12 55N	44 58E	80.1	186.6	3.439	-2.45	70.4	S0312	.0168U	9.0292	0.8	F
9040	27453.64	12 47N	44 51E	79.3	186.6	3.439	-5.60	70.3	S0312	.0309U	9.2106	0.6	V
9041	27456.44	12 48N	44 51E	80.3	186.6	3.439	-5.25	70.3	S0312	.0309U	8.9797	0.6	A
9042	27464.04	10 25N	44 59E	86.1	186.5	3.090	16.45	69.8	S0312	.0168U	8.4108	0.4	F
9043	27487.04	10 26N	44 59E	85.4	186.5	3.090	16.80	69.8	S0312	.0168U	8.5510	0.6	V
9044	27495.04	9 45N	44 15E	81.8	186.5	3.439	-9.10	68.9	S0312	.0309U	8.8231	0.6	F
9045	27498.04	9 44N	44 14E	80.9	186.5	3.439	-8.75	68.9	S0312	.0309U	9.0210	0.6	V
9046	27503.64	9 35N	44 8E	83.3	186.5	3.574	-14.70	68.7	S0312	.0309U	8.6582	0.6	A
9047	27515.84	8 16N	44 9E	81.6	186.5	3.439	-2.80	68.3	S0312	.0309U	8.8561	0.4	F
9048	27518.64	8 18N	44 9E	80.7	186.5	3.439	-2.10	68.3	S0312	.0309U	9.0375	0.6	V
9049	27521.64	8 18N	44 9E	81.7	186.5	3.439	-1.40	68.3	S0312	.0168U	8.8066	1.0	A
9050	27537.24	6 46N	44 16E	85.8	186.3	3.211	13.30	67.8	S0312	.0309U	8.4355	0.6	F
9051	27540.24	6 46N	44 16E	85.1	186.5	3.211	13.65	67.8	S0312	.0309U	8.5757	1.0	V
9052	27551.04	6 17N	43 45E	83.0	186.5	3.439	-4.85	67.1	S0312	.0309U	8.6664	1.4	A
9053	27555.84	5 58N	43 35E	83.5	186.5	3.439	-8.05	66.8	S0312	.0168U	8.6169	0.8	A
9054	27575.24	4 8N	43 53E	88.4	186.4	3.211	15.40	66.2	S0312	.0168U	8.1881	0.8	F
9055	27641.24	0 20S	42 34E	86.6	186.4	3.574	-6.30	62.6	S0312	.0309U	8.3114	1.0	F
9056	27647.44	0 20S	42 34E	86.8	186.4	3.574	-5.25	62.6	S0312	.0309U	8.2623	1.0	A
9057	27854.24	14 31S	40 40E	101.7	186.6	2.872	15.75	51.4	S0312	.0409U	7.0007	0.6	A
335 5001	32209.83	50 36N	32 15E	79.3	190.1	2.170	19.25	55.1	S0312	.0315U	9.2508	0.8	V
5002	32211.83	50 37N	32 15E	80.5	190.1	2.170	19.60	55.1	S0312	.0315U	9.0117	0.6	A
5003	32223.23	49 49N	30 27E	79.2	189.9	2.170	-23.45	55.4	S0312	.0315U	9.2425	0.6	V
5004	32226.23	49 48N	30 27E	80.0	189.9	2.170	-23.10	55.4	S0312	.0315U	9.0859	0.6	A
5005	32277.23	46 5N	29 40E	75.2	189.3	2.385	-14.35	54.5	S0312	.0315U	9.7455	0.6	V
5006	32280.03	46 5N	29 39E	76.0	189.2	2.385	-14.00	54.5	S0312	.0315U	9.5558	0.6	A
9001	31955.83	67 42N	40 58E	77.4	197.1	1.332	5.60	39.4	S0312	.0409U	9.4580	0.4	V
9002	31958.63	67 42N	40 59E	78.3	197.0	1.332	5.95	39.4	S0312	.0409U	9.2354	0.4	A
9003	32095.83	58 30N	33 31E	82.7	192.3	1.687	-26.60	47.8	S0312	.0409U	8.8478	0.6	V
9004	32098.83	58 30N	33 31E	83.4	192.2	1.687	-26.25	47.8	S0312	.0409U	8.6394	0.6	A
9005	32106.43	57 41N	34 6E	74.8	192.0	2.033	-5.95	48.6	S0312	.0409U	9.7879	0.6	V
9006	32109.23	57 41N	34 6E	75.6	192.0	2.033	-5.60	48.7	S0312	.0409U	9.5817	0.6	A
9007	32125.63	56 17N	34 25E	78.5	191.6	2.033	16.45	50.0	S0312	.0409U	9.3261	0.6	V
9008	32128.43	56 17N	34 25E	79.6	191.6	2.033	16.80	50.0	S0312	.0409U	9.0469	0.6	A
9009	32144.03	55 6N	33 15E	74.3	191.2	2.033	0.70	51.0	S0312	.0409U	9.8621	0.6	V
9010	32146.83	55 6N	33 15E	75.2	191.2	2.033	1.05	51.0	S0312	.0409U	9.6312	0.4	A
9011	32152.83	54 23N	32 29E	76.3	191.1	2.033	-12.25	51.5	S0312	.0409U	9.4745	1.0	F
9012	32158.43	54 22N	32 29E	76.0	191.0	2.170	-11.55	51.6	S0312	.0409U	9.5322	0.8	A
9013	32163.03	53 52N	32 14E	75.5	190.9	2.170	-13.30	52.0	S0312	.0409U	9.6989	0.6	V
9014	32167.83	53 46N	31 56E	78.6	190.8	2.170	-19.60	52.0	S0312	.0409U	9.2189	0.8	A
9015	32183.83	52 29N	31 34E	76.8	190.5	2.033	-17.50	53.2	S0312	.0409U	9.5405	0.4	V
9016	32186.63	52 28N	31 34E	77.5	190.5	2.033	-17.15	53.2	S0312	.0409U	9.3508	0.4	A
9017	32194.23	51 34N	31 19E	77.1	190.4	2.170	-16.10	53.9	S0312	.0409U	9.3673	0.6	F
9018	32197.03	51 34N	31 19E	76.0	190.3	2.170	-15.75	54.0	S0312	.0409U	9.6312	0.6	V
9019	32230.63	49 6N	30 23E	78.2	189.8	2.170	-19.60	56.0	S0312	.0309U	9.2354	0.4	F
9020	32235.83	48 45N	30 4E	81.1	189.8	2.033	-25.20	56.2	S0312	.0309U	8.8973	0.6	F
9021	32238.43	48 45N	30 4E	80.0	189.7	2.033	-24.85	56.2	S0312	.0309U	9.1612	0.4	V
9022	32248.23	47 60N	30 53E	74.3	189.6	2.385	5.95	57.2	S0312	.0409U	9.8621	0.6	V
9023	32251.03	47 59N	30 53E	75.3	189.6	2.385	6.30	57.2	S0312	.0409U	9.6147	0.6	A
9024	32257.23	47 26N	30 17E	73.8	189.5	2.385	-7.35	57.5	S0312	.0409U	9.9280	0.6	V
9025	32265.23	46 42N	30 1E	75.0	189.4	2.385	-9.10	58.1	S0312	.0409U	9.6477	0.8	F
9026	32270.63	46 42N	30 1E	74.4	189.3	2.511	-8.40	58.1	S0312	.0409U	9.4989	0.8	A
9027	32292.83	44 52N	28 42E	85.6	189.1	2.033	-31.50	59.3	S0312	.0309U	8.4190	0.6	F
9028	32295.83	44 52N	28 42E	84.3	189.0	2.033	-31.15	59.3	S0312	.0309U	8.6829	0.6	V
9029	32302.63	44 11N	28 40E	82.8	189.0	2.170	-28.00	59.9	S0312	.0409U	8.6994	0.8	F
9030	32305.63	44 11N	28 40E	81.6	188.9	2.170	-27.65	59.9	S0312	.0409U	8.9633	0.6	V
9031	32310.83	43 50N	28 33E	81.9	188.9	2.385	-28.35	60.1	S0312	.0409U	8.9385	0.4	V
9032	32313.83	43 50N	28 33E	82.7	188.9	2.385	-28.00	60.1	S0312	.0409U	8.7818	0.4	A
9033	32318.83	43 6N	27 55E	93.6	188.8	1.810	-38.85	60.5	S0312	.0168U	7.6769	0.6	F
9034	32322.23	43 6N	27 55E	92.3	188.8	2.033	-38.85	60.5	S0312	.0168U	7.9325	0.4	V
9035	32327.23	42 49N	27 52E	91.1	188.7	2.033	-37.80	60.8	S0312	.0168U	8.0397	0.4	V
9036	32330.63	42 44N	27 52E	91.7	188.7	2.033	-37.45	60.8	S0312	.0168U	7.9160	0.4	A
9037	32335.23	42 11N	27 51E	88.0	188.7	2.033	-35.00	61.3	S0312	.0309U	8.3201	0.4	V
9038	32338.43	42 11N	27 51E	88.6	188.6	2.385	-35.00	61.3	S0312	.0309U	8.1964	0.4	A
9039	32349.63	41 5N	28 54E	74.3	188.5	2.733	5.95	62.7	S0312	.0309U	9.8703	0.6	V
9040	32352.43	41 5N	28 54E	75.2	188.5	2.733	6.30	62.7	S0312	.0309U	9.6147	0.6	A
9041	32371.23	39 36N	27 56E	75.4	188.3	2.733	-15.40	63.4	S0312	.0220U	9.7219	0.6	V
9042	32374.03	39 36N	27 55E	76.1	188.3	2.733	-15.05	63.5	S0312	.0220U	9.5240	0.6	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
335 9043	32379.83	38 51N	27 51E	75.4	188.3	2.733	-11.90	64.1	SO312	.02200	9.5982	1.2	F
9044	32388.83	38 29N	27 9E	83.6	188.2	2.385	-30.45	64.0	SO312	.03090	8.7571	1.0	V
9045	32392.03	38 20N	27 9E	84.3	188.2	2.385	-30.10	64.0	SO312	.03090	8.6087	0.8	A
9046	32396.03	37 47N	26 59E	85.2	188.1	2.385	-31.15	64.5	SO312	.04090	8.4520	0.6	F
9047	32400.03	37 43N	26 55E	85.2	188.1	2.385	-32.20	64.5	SO312	.01680	8.5922	0.8	V
9048	32413.83	36 54N	27 18E	76.0	188.0	2.872	-14.00	65.4	SO312	.04090	9.5322	0.4	A
9049	32489.03	31 22N	25 56E	78.7	187.5	2.872	-20.30	68.5	SO312	.03090	9.1694	0.4	F
9050	32491.83	31 22N	25 56E	77.7	187.5	2.872	-19.95	68.5	SO312	.03090	9.4250	0.4	V
9051	32753.83	13 31N	22 28E	83.8	186.6	3.439	-21.35	70.2	SO312	.03090	8.6334	0.8	A
9052	33062.03	8 13S	19 42E	96.6	186.5	3.090	16.80	56.8	SO312	.03090	7.4542	1.4	F
9053	33115.83	11 56S	19 13F	102.3	186.6	2.872	21.35	53.7	SC312	.03090	7.0502	0.8	F
9054	33127.43	12 6S	18 5E	96.1	186.6	3.574	-16.10	52.9	SO312	.03090	7.4542	0.8	A
9055	33207.63	17 26S	16 20E	118.1	186.7	3.439	-36.75	47.8	SO312	.02200	6.0489	1.4	A
9056	33245.23	20 3S	16 9E	110.8	186.9	3.439	-28.70	45.7	SO312	.03090	6.4482	1.0	A
9057	33270.63	22 5S	15 60F	105.7	186.9	3.439	-22.05	44.0	SO312	.03090	6.8275	0.6	V
9058	33274.63	22 3S	16 0E	106.8	186.9	3.439	-21.35	44.0	SO312	.03090	6.6791	0.6	A
9059	33339.83	26 38S	16 18E	109.8	187.2	2.733	14.35	40.4	SO312	.03090	6.4400	1.0	A
9060	33368.03	28 34S	16 27F	123.6	187.3	2.033	27.30	38.8	SO312	.03090	5.6978	1.0	A
336 9001	37449.83	55 27N	10 24E	79.7	191.3	2.170	-21.35	50.5	SO312	.04090	9.0869	1.2	A
9002	37459.63	54 43N	10 9E	78.2	191.1	2.170	-18.20	51.5	SO312	.04090	9.2271	0.6	F
9003	37465.83	54 21N	10 9E	77.6	191.0	2.170	-16.80	51.6	SO312	.05410	9.3343	0.6	A
9004	37541.23	49 5N	7 40E	86.9	189.8	2.170	-33.95	55.9	SO312	.03090	8.4108	0.4	V
9005	37544.23	49 5N	7 41E	87.5	189.7	2.170	-33.60	55.9	SO312	.03090	8.2871	0.6	A
9006	38118.63	9 29N	0 0E	81.8	186.5	3.439	-7.00	68.8	SO312	.03090	8.8066	1.6	A
9007	38168.23	5 35N	0 11W	86.5	186.5	3.211	12.25	67.0	SO312	.03090	8.3695	0.6	F
9008	38171.23	5 36N	0 10W	85.9	186.5	3.211	12.95	67.0	SO312	.03090	8.4850	0.8	V
350 9001	25257.39	61 10N	63 9E	83.6	193.4	1.475	-26.95	45.5	SO312	.03090	8.7654	1.0	V
9002	25260.59	61 16N	63 8E	84.5	193.3	1.475	-26.95	45.5	SO312	.03090	8.5922	0.8	A
9003	25305.19	57 51N	61 41F	82.2	192.1	1.687	-24.50	48.6	SO312	.02200	8.7818	0.4	F
9004	25311.79	57 33N	61 51E	78.1	192.0	1.810	-16.45	49.1	SO312	.02200	9.2436	0.4	F
9005	25317.59	57 2N	60 55E	88.4	191.8	1.475	-32.55	49.3	SO312	.03090	8.1387	0.6	F
9006	25322.39	56 42N	61 6E	83.3	191.7	1.687	-26.60	49.6	SO312	.03090	8.6664	0.6	F
9007	25325.19	56 42N	61 6E	82.0	191.7	1.687	-26.25	49.6	SO312	.03090	8.9303	0.6	V
9008	25331.39	56 5N	60 44E	85.0	191.6	1.687	-29.05	50.1	SO312	.03090	8.4850	0.8	F
9009	25336.39	55 44N	60 49E	81.8	191.5	1.687	-24.50	50.5	SO312	.04090	8.8231	0.8	F
9010	25343.59	55 10N	61 28E	75.1	191.3	2.033	-3.50	51.2	SO312	.04090	9.6229	0.8	F
9011	25348.99	55 10N	61 28E	75.1	191.2	2.033	-2.80	51.2	SO312	.04090	9.6559	0.8	A
9012	25371.99	54 15N	60 40F	74.9	190.8	2.170	-4.90	52.8	SO312	.04090	9.6559	0.4	F
9013	25375.19	54 2N	60 34E	74.9	190.7	2.170	-5.25	53.0	SO312	.04090	9.6559	0.6	F
9014	25377.99	54 1N	60 34E	74.0	190.7	2.170	-4.90	53.0	SO312	.04090	9.9033	0.4	V
9015	25380.59	54 2N	60 35E	74.8	190.6	2.170	-4.55	53.0	SO312	.04090	9.6889	0.6	A
9016	25385.99	52 41N	59 57E	76.3	190.5	2.033	-16.45	53.4	SO312	.04090	9.6064	0.4	V
9017	25388.79	52 31N	59 57E	77.0	190.5	2.033	-16.10	53.4	SO312	.04090	9.4168	0.4	A
9018	25395.99	51 36N	59 57E	75.2	190.4	2.170	-8.75	54.2	SO312	.04090	9.6147	0.8	F
9019	25399.79	51 23N	59 59E	74.0	190.3	2.170	-6.30	54.3	SO312	.04090	9.9033	0.6	V
9020	25402.59	51 32N	59 59E	74.8	190.3	2.385	-6.30	54.3	SO312	.04090	9.6889	0.6	A
9021	25406.19	51 6N	59 51E	73.9	190.2	2.170	-5.95	54.7	SO312	.04090	9.9198	0.4	V
9022	25408.79	51 7N	59 51E	74.7	190.2	2.385	-5.95	54.7	SO312	.04090	9.7054	0.4	A
9023	25411.99	50 42N	59 47E	73.7	190.1	2.385	-5.95	55.0	SO312	.04090	9.9445	0.4	V
9024	25414.79	50 42N	59 48F	74.5	190.1	2.389	-3.15	55.1	SO312	.04090	9.7219	0.4	A
9025	25438.99	48 45N	58 3E	87.7	189.8	1.810	-33.25	56.4	SO312	.03090	8.2129	0.8	F
9026	25442.19	48 32N	58 1E	86.8	189.7	2.033	-32.55	56.6	SO312	.03090	8.3056	0.6	F
9027	25448.39	48 32N	58 2E	86.0	189.6	2.170	-31.85	56.6	SO312	.03090	8.4355	0.6	A
9028	25492.79	45 4N	59 5F	84.7	189.1	2.170	27.30	60.0	SO312	.03090	8.6664	1.0	V
9029	25580.19	39 1N	56 22E	74.7	188.3	2.733	-7.00	64.2	SO312	.02200	9.6889	0.8	F
9030	25585.59	39 1N	56 22E	74.6	188.2	2.872	-5.95	64.2	SO312	.02200	9.7054	0.8	A
9031	25591.59	38 54N	56 36E	74.7	188.2	2.733	6.30	64.7	SO312	.03090	9.6889	0.4	A
9032	25791.19	24 27N	53 32E	77.6	187.1	3.211	5.60	71.7	SO312	.04090	9.3508	0.8	F
9033	25796.59	24 26N	53 32E	77.8	187.0	3.090	6.30	71.7	SO312	.04090	9.2766	1.0	A
9034	25815.79	22 45N	53 18E	79.0	187.0	3.211	9.45	72.1	SO312	.03090	9.1859	1.0	F
9035	25818.39	22 34N	53 16E	79.0	187.0	3.211	9.45	72.1	SO312	.03090	9.1777	1.2	F
9036	25924.19	15 50N	51 45F	78.9	186.7	3.211	2.10	71.3	SO312	.02200	9.2601	1.0	V
9037	26317.19	11 02S	47 18E	96.3	186.6	3.090	11.20	53.7	SO312	.03090	7.5202	1.2	V
9038	26389.39	16 4S	45 22E	106.0	186.7	3.574	-25.55	49.1	SO312	.03090	6.7368	1.0	A
9039	26450.99	20 10S	44 37E	108.1	186.9	3.439	-23.45	45.4	SO312	.03090	6.6049	1.0	A
9040	26467.79	21 23S	44 19E	110.5	186.9	3.439	-25.55	44.3	SO312	.03090	6.4565	1.2	A
351 5001	30605.38	58 6N	42 4E	87.2	192.3	1.687	28.00	48.8	SO312	.03150	8.3273	0.4	F
5002	31570.78	7 58S	24 29E	107.1	186.5	3.214	-34.30	55.8	SO312	.02260	6.6619	0.8	F
9001	30542.98	62 53N	40 36E	103.7	194.0	0.986	-43.75	43.9	SO312	.03090	7.0419	0.6	V
9002	30546.78	62 53N	40 35E	104.9	193.9	0.986	-43.75	43.9	SO312	.03090	6.9018	0.6	A
9003	30611.58	57 52N	41 46E	83.4	192.1	1.687	24.50	48.9	SO312	.04090	8.7901	0.4	V
9004	30614.58	57 52N	41 46E	84.6	192.1	1.687	24.85	48.9	SO312	.04090	8.5510	0.4	A
9005	30652.58	55 11N	37 17E	105.0	191.3	1.113	-44.80	50.8	SO312	.03090	6.8358	0.6	F
9006	30660.18	55 11N	37 16E	104.5	191.1	1.332	-44.80	50.8	SO312	.03090	6.9512	0.6	A
9007	30946.58	34 56N	33 23E	74.7	187.8	2.733	-3.50	67.0	SO312	.03090	9.6972	0.4	F
9008	30949.18	34 56N	33 23F	73.8	187.8	2.733	-3.15	67.0	SO312	.03090	9.9280	0.4	V
9009	31001.18	31 15N	32 18F	76.8	187.5	3.090	-14.35	68.9	SO312	.04090	9.4085	0.4	F
9010	31002.98	31 15N	32 19E	75.8	187.5	3.090	-13.65	68.9	SO312	.04090	9.6642	0.4	V
9011	31009.18	30 59N	32 16E	76.1	187.5	3.090	-10.85	69.2	SO312	.03090	9.4992	1.0	F
9012	31016.98	30 39N	31 25E	90.2	187.4	2.511	-35.35	68.9	SO312	.01680	7.9655	1.2	F
9013	31020.38	30 28N	31 24E	89.0	187.4	2.733	-35.35	68.9	SO312	.01680	8.2211	1.2	V

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
351 9014	31024.58	29 51N	31 20E	89.5	187.4	2.733	-35.70	69.0	SO312	.02200	8.1799	0.8	V
9015	31037.78	29 51N	31 20E	90.3	187.4	2.733	-35.35	69.0	SO312	.02200	8.0480	0.8	A
9016	31050.98	29 1N	31 42E	77.6	187.3	3.090	-19.55	69.8	SO312	.02200	9.4415	1.0	V
9017	31059.38	27 16N	31 12E	81.8	187.2	2.872	-24.15	70.3	SO312	.03090	8.8148	0.8	F
9018	31064.58	27 4N	31 1E	83.7	187.2	2.872	-28.70	70.3	SO312	.01680	8.7324	0.8	V
9019	31067.58	27 0N	31 1E	84.6	187.2	3.090	-28.70	70.3	SO312	.01680	8.5757	0.8	A
9020	31082.78	25 57N	30 39E	87.7	187.1	2.872	-31.85	70.6	SO312	.01680	8.2046	0.8	F
9021	31087.58	25 54N	30 36E	87.0	187.1	2.872	-32.20	70.6	SO312	.01680	8.3943	0.8	V
9022	31090.58	25 51N	30 36E	88.0	187.1	3.090	-32.20	70.6	SO312	.01680	8.2459	1.0	A
9023	31346.98	7 48N	27 59E	83.1	186.5	3.439	-9.10	67.8	SO312	.03090	8.6664	0.8	A
9024	31751.78	19 56S	23 26E	101.1	186.8	3.211	3.50	46.1	SO312	.03090	7.0337	1.0	A
9025	31847.38	27 6S	22 52E	118.4	187.2	2.511	24.15	40.0	SO312	.03090	6.0442	1.8	F
9026	31860.78	27 49S	21 36E	106.5	187.2	3.090	-6.30	38.8	SO312	.03090	6.6374	0.6	F
9027	31864.58	27 49S	21 34E	105.3	187.3	3.090	-4.90	38.8	SO312	.03090	6.8275	0.6	V
9028	31868.58	27 49S	21 37E	106.9	187.3	3.090	-4.90	38.8	SO312	.03090	6.6296	0.8	A
9029	31884.38	28 50S	21 41E	108.4	187.4	3.090	3.15	37.9	SO312	.03090	6.5224	1.0	A
9030	31890.78	29 16S	21 12E	108.6	187.4	3.090	-8.05	37.4	SO312	.03090	6.5307	1.0	A
9031	31909.18	30 57S	22 9E	121.6	187.5	2.170	25.20	36.4	SO312	.03090	5.9040	1.2	V
9032	31920.78	31 40S	20 56E	109.8	187.5	3.090	-3.15	35.5	SO312	.03090	6.4482	1.2	A
9033	31928.18	31 54S	21 30E	115.6	187.6	2.511	15.05	35.3	SO312	.03090	6.1019	1.0	A
9034	31961.58	33 49S	21 15E	118.5	187.7	2.511	16.80	33.9	SO312	.03090	5.9452	1.0	A
352 5001	36001.58	52 27N	15 20E	81.0	190.5	2.033	-25.90	53.4	SO312	.03150	9.0447	0.6	V
5002	36004.58	52 26N	15 20E	81.7	190.5	2.033	-25.55	53.4	SO312	.03150	8.8880	0.4	A
5003	36029.18	50 33N	14 49E	79.0	190.1	2.033	-23.10	55.0	SO312	.03150	9.2673	0.4	V
5004	36031.98	50 33N	14 49E	79.8	190.1	2.033	-22.75	55.0	SO312	.03150	9.1024	0.4	A
9001	35795.98	65 50N	24 33E	84.1	196.0	1.475	21.70	41.5	SO312	.04090	8.6004	0.6	F
9002	35802.18	65 52N	24 10E	80.7	195.8	1.475	15.75	41.4	SO312	.04090	8.9469	0.6	A
9003	35866.98	61 50N	21 48E	87.1	193.5	1.475	27.30	45.6	SO312	.04090	8.3036	0.6	A
9004	35872.18	61 9N	21 29E	86.5	193.3	1.687	25.20	45.9	SO312	.04090	8.4520	0.8	A
9005	35975.78	53 59N	16 8E	78.9	191.0	2.033	-19.95	52.1	SO312	.04090	9.1447	0.6	F
9006	35978.78	53 58N	16 7E	78.0	190.9	2.033	-19.95	52.1	SO312	.04090	9.3920	0.4	V
9007	35985.38	53 57N	16 35E	74.0	190.8	2.170	-2.80	52.7	SO312	.04090	9.8951	0.4	V
9008	35987.98	53 57N	16 36E	74.9	190.7	2.170	-2.45	52.7	SO312	.04090	9.6724	0.6	A
9009	35997.18	53 56N	15 13E	84.6	190.6	1.810	-30.45	53.1	SO312	.03090	8.6417	0.6	V
9010	36013.78	51 20N	15 45E	74.8	190.3	2.170	-5.25	54.5	SO312	.04090	9.6724	0.8	F
9011	36019.18	51 20N	15 46E	74.7	190.2	2.170	-4.55	54.5	SO312	.04090	9.6972	0.8	A
9012	36236.18	36 10N	10 49E	83.5	188.0	2.511	-28.70	65.8	SO312	.04090	8.6252	1.2	F
9013	36240.78	35 51N	10 39E	85.8	187.9	2.511	-31.50	66.0	SO312	.03090	8.3868	0.4	F
9014	36244.58	35 47N	10 46E	81.5	187.9	2.511	-27.30	66.1	SO312	.03090	8.9550	0.8	V
9015	36250.78	35 31N	11 4E	76.7	187.9	2.733	-15.05	66.5	SO312	.04090	9.4498	0.4	A
9016	36256.38	34 45N	10 46E	79.6	187.8	2.733	-20.30	66.8	SO312	.04090	9.1859	0.6	F
9017	36259.18	34 40N	10 46E	77.6	187.8	2.733	-19.95	66.8	SO312	.04090	9.4415	0.8	V
9018	36268.38	33 54N	10 52E	75.6	187.8	2.872	-10.50	67.5	SO312	.04090	9.5570	0.6	F
9019	36273.78	33 44N	10 45E	75.3	187.7	2.872	-12.95	67.6	SO312	.04090	9.7219	0.8	V
9020	36282.98	33 15N	11 13E	76.8	187.7	2.872	9.45	68.2	SO312	.04090	9.4085	0.8	A
9021	36296.78	32 21N	10 24E	76.6	187.6	3.090	-14.35	68.3	SO312	.03090	9.4580	1.0	A
9022	36322.78	30 12N	9 24E	80.0	187.4	2.511	-33.25	69.0	SO312	.03090	8.1716	0.8	F
9023	36326.58	30 9N	9 28E	84.5	187.4	2.733	-30.45	69.1	SO312	.03090	8.6664	0.4	V
9024	36329.58	30 9N	9 28E	85.2	187.4	2.733	-30.10	69.1	SO312	.03090	8.5097	0.6	A
9025	36358.58	28 4N	9 35E	76.1	187.3	3.090	-9.10	70.4	SO312	.03090	9.5875	0.8	A
9026	36367.38	27 6N	9 18E	77.7	187.2	3.090	-15.40	70.6	SO312	.03090	9.3013	1.0	F
9027	36512.98	16 50N	8 0E	80.7	186.7	3.211	9.80	71.9	SO312	.03090	8.9797	1.0	F
9028	36549.38	13 34N	7 8E	80.4	186.6	3.439	0.70	70.7	SO312	.03090	8.9550	1.0	A
9029	36668.38	6 21N	5 36E	84.1	186.5	3.439	-10.85	66.9	SO312	.03090	8.5674	0.8	F
9030	36674.18	5 56N	5 41E	83.6	186.5	3.439	-4.90	66.8	SO312	.04090	8.6252	0.8	F
9031	36679.38	6 1N	5 26E	85.3	186.5	3.574	-14.35	66.6	SO312	.04090	8.4355	0.6	A
9032	36685.78	5 52N	5 45E	84.3	186.5	3.439	1.75	66.7	SO312	.04090	8.5180	0.6	A
353 9001	41293.98	53 21N	6 14W	78.0	190.8	2.033	-20.30	52.7	SO312	.04090	9.3868	0.6	U
9002	41296.78	53 21N	6 14W	78.7	190.7	2.033	-19.95	52.7	SO312	.04090	9.2106	0.6	A
9003	41785.98	19 46N	14 22W	81.9	186.8	3.211	-20.65	71.5	SO312	.03090	8.8231	1.0	A
354 5001	47624.97	16 55S	41 27W	116.5	196.7	2.170	30.10	49.3	SO312	.02260	6.1012	0.8	A
9001	47579.57	14 11S	42 47W	106.2	186.6	3.439	-28.70	50.6	SO312	.03090	6.7203	0.8	F
9002	47586.97	14 10S	42 44W	104.8	186.6	3.574	-26.60	50.7	SO312	.03090	6.8275	1.2	A
9003	47608.37	16 11S	42 36W	97.8	186.7	3.439	-11.20	49.2	SO312	.03090	7.3141	1.2	F
9004	47616.37	16 49S	42 4W	100.6	186.7	3.090	10.85	49.0	SO312	.03090	7.1244	1.0	F
9005	47699.97	22 30S	43 11W	103.9	186.9	3.090	8.40	43.8	SO312	.03090	6.8853	0.4	F
9006	47705.17	22 32S	43 11W	105.3	187.0	3.090	10.15	43.5	SO312	.03090	6.7946	0.8	F
9007	47708.77	22 31S	43 14W	103.8	187.0	2.872	9.45	43.5	SO312	.03090	6.9430	0.4	V
9008	47712.57	22 31S	43 13W	105.6	187.0	2.872	10.15	43.6	SO312	.03090	6.7121	0.6	A
355 5001	53233.37	37 44S	67 53W	123.6	188.1	2.170	21.00	29.9	SO312	.02260	5.7961	0.8	V
9001	53054.37	25 36S	65 54W	104.1	187.1	2.872	8.05	41.0	SO312	.03090	6.9182	0.6	V
9002	53058.17	25 35S	65 55W	105.8	187.1	2.872	8.40	41.0	SO312	.03090	6.8956	0.8	A
9003	53203.77	35 31S	69 11W	118.0	187.9	2.872	-20.30	31.0	SO312	.03090	6.0029	1.0	F
9004	53214.17	35 28S	69 13W	118.2	188.0	3.090	-19.60	30.9	SO312	.03090	5.9947	1.0	A
9005	53225.17	37 21S	68 54W	114.1	188.0	2.872	-4.90	29.8	SO312	.04090	6.2173	0.8	F
9006	53244.57	38 43S	70 1W	122.7	188.2	2.872	-22.05	28.2	SO312	.03090	5.7638	0.8	F
9007	53253.57	38 54S	70 3W	121.2	188.3	2.872	-21.35	28.1	SO312	.03090	5.9040	0.8	V

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
356 9001	57654.97	22 31N	79 56W	78.1	187.0	3.211	-12.60	71.6	SO312	.0409U	9.2436	0.6	F
9002	57657.77	22 31N	79 57W	77.3	186.9	3.211	-12.60	71.6	SO312	.0409U	9.4580	0.6	V
9003	57667.77	21 58N	79 27W	80.4	186.9	3.090	12.60	72.2	SO312	.0309U	8.9643	0.8	A
357 5001	62722.37	38 47N	98 13W	74.3	188.3	2.872	1.05	64.6	SO312	.0315U	9.7455	0.8	F
5002	62727.77	38 46N	98 13W	74.5	188.2	2.872	1.75	64.6	SO312	.0315U	9.7207	0.6	A
5003	62773.17	35 6N	97 57W	96.4	187.9	2.511	36.40	67.7	SO312	.0226U	7.5606	0.4	F
5004	62776.57	35 7N	97 57W	95.9	187.9	2.170	37.10	67.7	SO312	.0226U	7.6595	0.6	V
5005	62780.17	35 6N	97 57W	97.7	187.8	2.170	37.45	67.7	SO312	.0226U	7.3357	0.4	A
9001	62722.37	38 46N	98 13W	74.4	188.3	2.872	1.05	64.6	SO312	.0309U	9.7466	0.6	F
9002	62727.77	38 46N	98 13W	74.5	188.2	2.872	1.75	64.6	SO312	.0309U	9.7219	0.6	A
9003	62773.17	35 6N	97 57W	96.5	187.9	2.511	36.40	67.7	SO312	.0220U	7.5614	0.4	F
9004	62776.57	35 6N	97 57W	95.9	187.9	2.170	37.10	67.7	SO312	.0220U	7.6604	0.4	V
9005	62779.97	35 7N	97 57W	97.6	187.8	2.170	37.45	67.7	SO312	.0220U	7.3965	0.6	A
9006	62859.97	29 22N	100 58W	80.7	187.4	2.733	-23.10	69.6	SO312	.0309U	8.9468	1.0	F
9007	62869.57	28 39N	100 32W	75.7	187.3	3.090	-0.70	70.3	SO312	.0309U	9.5735	1.0	F
9008	62881.37	27 43N	99 56W	88.0	187.3	2.872	27.30	71.3	SO312	.0309U	8.2459	0.8	F
9009	62886.77	27 36N	100 18W	79.7	187.2	2.872	16.80	71.1	SO312	.0309U	9.1777	0.8	V
9010	62913.37	25 44N	100 18W	89.0	187.1	2.511	29.40	72.0	SO312	.0309U	8.2376	0.6	V
9011	62916.57	25 44N	100 18W	90.5	187.1	2.511	29.75	72.0	SO312	.0309U	7.9655	0.6	A
9012	62955.57	22 48N	102 35W	89.3	187.0	2.733	-33.95	71.1	SO312	.0309U	8.0727	0.4	F
9013	62958.77	22 48N	102 35W	87.6	187.0	2.733	-33.25	71.1	SO312	.0309U	8.3531	0.4	V
9014	62962.37	22 45N	102 20W	85.7	186.9	3.090	-30.10	71.2	SO312	.0309U	8.4685	0.8	A
9015	62968.17	21 54N	102 17W	79.0	186.9	3.090	-17.85	71.6	SO312	.0309U	9.1364	1.2	F
9016	62973.97	21 54N	102 17W	78.9	186.9	3.090	-17.15	71.6	SO312	.0309U	9.1777	0.4	A
9017	62979.57	21 53N	102 35W	83.1	186.9	3.090	-25.55	71.4	SO312	.0309U	8.7241	0.8	A
9018	62991.37	20 19N	102 40W	81.2	186.8	3.090	-21.35	71.5	SO312	.0309U	8.8808	0.4	F
9019	62997.17	20 19N	102 41W	81.1	186.8	3.090	-20.65	71.5	SO312	.0309U	8.9385	0.4	A
9020	63007.77	19 0N	102 22W	78.2	186.8	3.090	0.35	72.0	SO312	.0309U	9.2601	0.6	F
9021	63010.57	19 8N	102 22W	77.4	186.8	3.090	0.70	72.0	SO312	.0309U	9.4580	0.6	V
9022	63013.37	19 8N	102 23W	78.3	186.8	3.090	0.35	72.0	SO312	.0309U	9.2106	1.0	A
9023	63023.17	18 1N	102 13W	82.4	186.8	3.090	14.35	72.2	SO312	.0309U	8.7983	0.8	F
358 9001	67894.36	47 43N	117 23W	77.8	189.6	2.385	14.70	57.9	SO312	.0309U	9.3261	1.4	F
9002	68050.16	37 24N	121 49W	89.4	188.1	2.385	-36.40	65.0	SO312	.0309U	8.1881	3.0	V
362 9001	2492.55	64 0N	159 14E	87.2	194.6	1.332	-29.75	43.0	SO312	.0309U	8.3118	0.6	A
363 9001	8016.75	48 50N	132 55E	86.1	189.8	2.170	27.65	57.1	SO312	.0309U	8.4520	1.0	F
9002	8020.15	48 46N	132 54E	85.4	189.8	2.170	28.00	57.2	SO312	.0309U	8.6004	0.8	V
9003	8027.15	48 9N	132 29E	82.4	189.7	2.385	22.75	57.6	SO312	.0309U	8.8148	0.6	F
9004	8033.15	48 0N	131 56E	75.2	189.6	2.385	9.45	57.6	SO312	.0409U	9.7466	0.4	V
9005	8035.75	48 1N	131 56E	76.1	189.6	2.385	9.80	57.6	SO312	.0309U	9.4992	0.8	A
9006	8046.15	47 3N	130 14E	85.4	189.4	2.033	-31.15	58.0	SO312	.0220U	8.4438	0.4	F
9007	8054.95	45 44N	131 8E	74.3	189.3	2.511	-2.80	58.6	SO312	.0409U	9.7466	0.6	A
9008	8142.95	40 25N	128 26E	87.1	188.4	2.170	-33.25	63.0	SO312	.0220U	8.2623	0.8	F
9009	8145.95	40 25N	128 26E	85.8	188.4	2.385	-33.25	63.0	SO312	.0220U	8.5262	1.0	V
9010	8150.75	40 6N	128 21E	86.0	188.4	2.385	-33.25	63.3	SO312	.0220U	8.5097	0.6	V
9011	8153.95	40 5N	128 21E	86.8	188.4	2.385	-32.90	63.3	SO312	.0220U	8.3695	0.4	A
9012	8169.75	38 46N	128 13E	82.3	188.2	2.511	-28.70	64.3	SO312	.0409U	8.9890	0.8	V
9013	8172.75	38 46N	128 12E	83.0	188.2	2.511	-28.35	64.3	SO312	.0409U	8.7406	0.8	A
9014	8204.15	36 26N	127 20E	91.0	188.0	2.385	-37.80	65.6	SO312	.0220U	8.0397	0.8	V
9015	8207.35	36 27N	127 20E	91.7	187.9	2.385	-37.45	65.6	SO312	.0220U	7.9160	0.8	A
9016	8226.15	34 52N	127 37E	77.2	187.8	2.733	-19.25	66.9	SO312	.0309U	9.4910	0.8	V
9017	8580.75	10 19N	123 54E	86.6	186.5	2.872	21.35	69.8	SO312	.0309U	8.2459	0.4	V
9018	8583.95	10 20N	123 54E	90.0	186.5	2.872	21.70	69.8	SO312	.0309U	7.9737	0.6	A
368 9001	34241.53	69 44N	33 6E	77.6	199.0	1.332	2.10	37.9	SO312	.0409U	9.3096	0.4	F
9002	34244.33	69 44N	33 7E	76.7	198.8	1.332	2.45	37.9	SO312	.0409U	9.5405	0.4	V
9003	34250.33	69 16N	33 21E	79.1	198.4	1.332	12.95	38.4	SO312	.0409U	9.2436	0.6	V
9004	34253.13	69 16N	33 22E	80.1	198.3	1.332	13.30	38.4	SO312	.0409U	9.0210	0.6	A
9005	34257.93	68 59N	33 14E	84.7	198.0	1.332	22.40	39.2	SO312	.0309U	8.5510	0.4	F
9006	34260.53	68 52N	33 17E	83.6	197.9	1.332	22.40	39.2	SO312	.0309U	8.7571	0.6	V
9007	34263.53	68 52N	33 18E	84.7	197.7	1.332	22.75	39.2	SO312	.0309U	8.5262	1.2	A
9008	34268.33	68 41N	33 19E	88.3	197.5	1.113	27.65	39.5	SO312	.0309U	8.1964	0.4	A
9009	34277.13	67 43N	32 14E	86.2	197.0	1.475	24.85	40.4	SO312	.0409U	8.4108	0.8	F
9010	34280.13	67 43N	32 14E	85.4	196.9	1.475	25.20	40.4	SO312	.0409U	8.5839	1.2	V
9011	34289.33	66 58N	30 29E	77.0	196.4	1.475	1.75	40.6	SO312	.0309U	9.3920	0.4	A
9012	34416.53	59 24N	23 52E	82.1	192.2	1.687	-26.25	48.4	SO312	.0409U	8.9055	0.4	V
9013	34419.53	58 24N	23 52E	82.8	192.2	1.687	-25.90	48.4	SO312	.0409U	8.7571	0.4	A
9014	34433.13	56 50N	24 12E	75.3	191.9	2.033	-5.25	49.8	SO312	.0409U	9.5982	0.4	F
9015	34435.73	57 0N	24 13E	74.4	191.8	2.033	-4.90	49.8	SO312	.0409U	9.8373	0.6	V
9016	34442.13	56 59N	23 18E	79.6	191.7	1.810	-22.75	50.0	SO312	.0409U	9.1859	0.6	V
9017	34444.93	56 59N	23 18E	80.3	191.6	1.810	-22.40	50.0	SO312	.0409U	9.0127	0.6	A
9018	34449.53	56 55N	23 24E	76.7	191.5	2.033	-14.00	50.7	SO312	.0409U	9.4085	0.6	F
9019	34452.33	56 55N	23 24E	75.7	191.5	2.033	-13.65	50.7	SO312	.0409U	9.6724	0.6	V
9020	34460.33	56 17N	23 52E	74.6	191.3	2.033	4.90	51.4	SO312	.0409U	9.8126	0.6	V
9021	34463.13	56 17N	23 52E	75.5	191.2	2.033	5.25	51.4	SO312	.0409U	9.5817	0.6	A
9022	34467.53	56 46N	23 57E	76.4	191.2	2.033	12.25	51.9	SO312	.0409U	9.5817	0.4	V
9023	34470.33	56 46N	23 57E	77.4	191.1	2.033	12.60	51.9	SO312	.0409U	9.3426	0.4	A
9024	34475.33	56 24N	24 3E	80.2	191.0	2.033	18.90	52.3	SO312	.0409U	9.0127	1.0	A
9025	34479.73	56 42N	23 51E	81.0	190.9	2.033	20.30	52.9	SO312	.0309U	8.9550	0.8	F

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
368 9026	34482.73	53 42N	23 51E	80.2	190.9	2.033	20.65	52.9	S0312	.04090	9.1364	0.8	V
9027	34486.13	53 40N	23 47E	80.5	190.8	2.033	19.60	52.9	S0312	.04090	8.9797	2.0	A
9028	34498.13	52 50N	21 51E	79.0	190.6	2.033	-22.75	53.3	S0312	.04090	9.2601	0.6	V
9029	34500.93	52 50N	21 51E	79.8	190.6	2.033	-22.40	53.3	S0312	.04090	9.0952	0.6	A
9030	34506.93	52 47N	21 15E	85.5	190.5	1.810	-31.85	53.7	S0312	.03090	8.5427	0.6	V
9031	34511.53	51 57N	21 12E	84.3	190.4	1.810	-30.45	54.0	S0312	.03090	8.6664	0.6	V
9032	34514.73	51 57N	21 12E	85.1	190.4	2.033	-30.45	54.0	S0312	.03090	8.5262	0.4	A
9033	34656.53	41 36N	20 1E	83.2	188.6	2.385	24.15	63.0	S0312	.03090	8.7324	0.6	F
9034	34659.53	41 36N	20 1E	82.5	188.6	2.385	24.50	63.0	S0312	.03090	8.8408	0.6	V
9035	34666.53	41 11N	19 33E	76.9	188.5	2.511	14.35	63.2	S0312	.03090	9.5322	0.4	V
9036	34669.33	41 12N	19 33E	78.0	188.5	2.511	14.70	63.2	S0312	.03090	9.2684	0.4	A
9037	35206.33	3 54N	11 32E	85.0	186.4	3.574	-7.35	65.3	S0312	.03090	8.4685	0.6	F
9038	35209.33	3 55N	11 32E	84.1	186.4	3.574	-7.00	65.3	S0312	.03090	8.6499	1.0	V
9039	35212.73	3 55N	11 32E	85.2	186.4	3.574	-6.30	65.3	S0312	.03090	8.4273	0.6	A
369 9001	39920.93	44 24N	1 14W	84.3	189.0	2.385	25.55	60.9	S0312	.03090	8.6067	1.0	F
9002	39926.93	44 25N	1 14W	85.0	189.0	2.170	26.60	60.9	S0312	.03090	8.4932	1.0	A
374 9001	66611.72	32 55N	115 23W	75.7	197.6	2.872	4.20	64.8	S0312	.03090	9.5735	1.0	F
378 9001	1057.70	58 50N	163 49E	75.6	192.5	1.810	-11.20	48.1	S0312	.05410	9.6807	0.4	V
9002	1060.50	58 50N	163 49E	76.4	192.4	1.810	-10.85	48.1	S0312	.05410	9.4828	0.4	A
9003	1064.30	58 35N	163 34E	75.8	192.3	1.810	-12.25	48.5	S0312	.05410	9.6642	0.4	V
9004	1067.10	58 35N	163 34E	76.5	192.3	1.810	-11.90	48.5	S0312	.05410	9.4663	0.4	A
9005	1080.30	57 54N	162 10E	86.3	192.0	1.475	-31.85	49.2	S0312	.03090	8.5015	0.4	V
9006	1083.30	57 55N	162 11E	86.8	191.9	1.687	-31.50	49.2	S0312	.03090	8.3613	0.6	A
9007	1087.90	57 5N	162 1E	85.1	191.8	1.687	-30.80	49.7	S0312	.03090	8.6004	0.4	V
9008	1091.10	57 2N	162 1E	85.8	191.7	1.687	-30.45	49.7	S0312	.03090	8.4603	0.4	A
379 5001	6441.10	53 30N	141 3E	87.9	190.9	2.033	29.40	53.3	S0312	.02260	8.2696	0.6	F
5002	6444.30	53 30N	141 3E	87.3	190.8	1.810	30.10	53.4	S0312	.02260	8.4048	0.4	V
9001	6449.50	53 9N	140 44E	84.0	190.8	2.033	26.25	53.6	S0312	.04090	8.7241	0.6	V
9002	6452.70	53 9N	140 45E	85.4	190.7	1.810	26.95	53.6	S0312	.04090	8.4685	0.4	A
9003	6491.30	50 41N	137 31E	85.7	190.1	1.810	-31.15	55.5	S0312	.03090	8.4108	1.4	F
9004	6497.50	50 20N	137 31E	85.2	190.0	2.033	-30.80	55.5	S0312	.03090	8.5262	1.4	A
9005	6709.70	35 20N	133 57E	79.0	187.9	2.733	-22.40	66.8	S0312	.02200	9.1364	0.6	F
9006	6712.50	35 20N	133 57E	77.9	187.9	2.733	-22.05	66.8	S0312	.02200	9.4003	0.6	V
9007	6738.10	33 44N	133 41E	76.6	187.7	2.872	-17.50	67.9	S0312	.03090	9.5570	0.4	V
380 5001	12177.10	24 20N	109 27E	83.6	187.1	3.090	-26.25	71.2	S0312	.03150	8.6242	0.6	F
5002	12183.10	24 20N	109 28E	83.1	187.0	3.211	-25.20	71.3	S0312	.04150	8.7231	0.6	A
5003	12340.90	11 30N	108 27E	91.3	186.6	2.733	24.15	70.6	S0312	.02260	7.8739	0.8	A
9001	11626.50	61 49N	122 25E	80.8	193.8	1.687	16.80	45.7	S0312	.04090	9.0457	0.6	F
9002	11629.30	61 49N	122 26E	79.2	193.7	1.687	17.15	45.7	S0312	.04090	9.2436	0.6	V
9003	11748.30	52 22N	116 51E	75.5	190.6	2.170	-12.25	54.0	S0312	.03090	9.5735	1.0	F
9004	11773.70	52 22N	116 51E	75.3	190.5	2.170	-11.55	54.0	S0312	.03090	9.6229	1.0	A
9005	11779.10	52 2N	116 33E	76.7	190.4	2.170	-16.45	54.3	S0312	.03090	9.4415	0.6	A
9006	11787.10	51 6N	116 22E	75.6	190.3	2.170	-13.30	55.1	S0312	.04090	9.5570	1.8	F
9007	11791.30	50 60N	116 20E	74.6	190.2	2.170	-12.95	55.2	S0312	.04090	9.8208	0.4	V
9008	11794.50	50 47N	116 15E	74.7	190.2	2.170	-13.30	55.4	S0312	.03090	9.8043	0.6	V
9009	11797.30	50 46N	116 14E	75.6	190.1	2.385	-13.65	55.4	S0312	.03090	9.5900	0.6	A
9010	11798.90	50 40N	116 12E	75.5	190.1	2.385	-13.65	55.5	S0312	.03090	9.5982	0.4	A
9011	11807.70	49 56N	115 52E	76.7	190.0	2.170	12.95	56.3	S0312	.04090	9.4333	0.8	A
9012	11834.50	48 7N	114 42E	84.5	189.6	2.033	-31.85	57.4	S0312	.03090	8.6582	0.6	V
9013	11839.30	48 1N	114 30E	88.9	189.5	2.033	-35.35	57.4	S0312	.02200	8.1716	0.4	A
9014	12025.90	34 41N	112 20E	74.8	187.8	2.872	1.40	67.6	S0312	.03090	9.6807	1.0	F
9015	12031.30	34 41N	112 20E	75.0	187.8	2.872	2.10	67.6	S0312	.02200	9.6477	0.8	A
9016	12040.50	31 0N	111 40E	75.4	187.5	2.872	6.65	69.7	S0312	.03090	9.7419	0.6	V
9017	12043.30	31 0N	111 40E	76.4	187.5	2.872	7.00	69.7	S0312	.03090	9.4580	0.6	A
9018	12100.30	29 57N	110 45E	76.7	187.4	3.090	-17.85	69.9	S0312	.03090	9.4168	0.6	F
9019	12103.10	29 57N	110 45E	75.8	187.4	3.090	-17.50	69.9	S0312	.03090	9.6642	0.6	V
9020	12118.70	28 21N	110 21E	80.5	187.3	2.872	-22.40	70.3	S0312	.03090	8.9550	0.8	F
9021	12124.50	28 21N	110 21E	80.1	187.3	3.090	-21.70	70.3	S0312	.03090	9.0675	0.8	A
9022	12130.10	27 54N	110 9E	81.4	187.3	2.872	-24.15	70.5	S0312	.03090	8.8478	0.6	F
9023	12142.30	26 58N	109 43E	87.7	187.2	2.872	-33.60	70.4	S0312	.03090	8.3201	0.6	V
9024	12145.50	26 50N	109 43E	88.5	187.2	2.872	-33.25	70.5	S0312	.03090	8.1799	0.6	A
9025	12149.10	26 40N	109 38E	87.5	187.2	2.872	-33.25	70.6	S0312	.03090	8.3448	0.4	V
9026	12152.30	26 30N	109 38E	88.3	187.2	2.872	-32.90	70.6	S0312	.03090	8.2046	0.4	A
9027	12188.70	23 59N	109 13E	87.5	187.0	3.090	-31.15	71.2	S0312	.03090	8.2871	0.8	A
9028	12242.10	19 44N	109 41E	83.2	186.8	3.090	17.15	72.5	S0312	.03090	8.7159	0.4	F
9029	12244.30	19 22N	109 11E	78.2	186.8	3.211	-0.35	72.0	S0312	.03090	9.2519	0.4	F
9030	12251.10	19 22N	109 11E	77.4	186.8	3.211	0.00	72.1	S0312	.03090	9.4415	0.4	V
9031	12254.90	18 48N	108 50E	78.8	186.8	3.439	-10.15	71.8	S0312	.03090	9.1612	0.8	F
9032	12262.50	18 48N	108 51E	78.8	186.8	3.439	-9.10	71.8	S0312	.03090	9.1612	1.0	A
381 9001	17019.50	56 12N	95 44E	80.6	191.6	1.810	-23.10	50.6	S0312	.03090	8.9468	1.0	F
9002	17025.30	56 12N	95 44E	80.1	191.5	1.810	-22.40	50.6	S0312	.03090	9.0457	1.0	A
382 5001	22413.09	50 7N	72 55E	79.1	190.4	2.385	17.85	56.2	S0312	.03150	9.1683	0.8	F

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382 9001	22036.09	75 40N	91 15E	79.8	206.2	0.776	-8.75	32.2	S0312	.04090	9.0540	0.4	A
9002	22248.49	61 26N	76 39E	76.5	193.5	1.687	-10.15	46.0	S0312	.03090	9.4415	0.6	F
9003	22252.09	61 9N	76 32E	76.5	193.4	1.687	-9.80	46.2	S0312	.02200	9.4498	0.4	F
9004	22255.49	61 5N	76 37E	75.1	193.3	1.687	-7.00	46.3	S0312	.03090	9.7549	0.4	V
9005	22259.49	61 2N	76 23E	76.6	193.2	1.687	-10.85	46.3	S0312	.02200	9.4580	0.4	A
9006	22343.09	55 1N	73 26E	77.4	191.2	2.033	-16.80	51.7	S0312	.04090	9.3261	1.4	F
9007	22348.69	55 1N	73 26E	77.1	191.1	2.033	-16.10	51.7	S0312	.04090	9.4003	1.4	A
9008	22404.29	51 1N	72 7E	75.0	190.2	2.170	-13.30	55.2	S0312	.04090	9.7631	0.4	V
9009	22413.49	50 5N	72 54E	79.3	190.1	2.385	17.85	56.3	S0312	.03090	9.1694	0.4	F
9010	22416.49	49 59N	72 49E	78.7	190.0	2.385	17.15	56.4	S0312	.03090	9.2189	0.6	F
9011	22419.29	49 53N	72 48E	77.9	190.0	2.170	17.50	56.4	S0312	.03090	9.4250	0.6	V
9012	22422.09	49 53N	72 48E	78.9	189.9	2.170	17.85	56.4	S0312	.03090	9.1694	0.8	A
9013	22427.09	49 42N	72 48E	80.7	189.9	2.170	21.00	56.8	S0312	.03090	8.9715	0.6	A
9014	22461.09	46 57N	70 51E	75.4	189.4	2.385	-13.30	58.6	S0312	.03090	9.5900	0.6	F
9015	22463.89	46 57N	70 50E	74.4	189.4	2.385	-12.95	58.6	S0312	.03090	9.8456	0.4	V
9016	22466.69	46 56N	70 50E	75.2	189.4	2.385	-12.60	58.6	S0312	.03090	9.6394	0.4	A
9017	22477.49	45 56N	71 21E	75.8	189.2	2.385	12.60	59.7	S0312	.03090	9.6724	0.6	V
9018	22480.29	45 56N	71 21E	76.8	189.2	2.385	12.95	59.7	S0312	.03090	9.4168	0.6	A
9019	22527.69	42 24N	69 30E	76.3	188.7	2.511	-16.10	62.1	S0312	.03090	9.4745	0.8	F
9020	22533.29	42 23N	69 29E	76.1	188.7	2.511	-15.40	62.1	S0312	.03090	9.5322	0.8	A
9021	22540.29	41 40N	69 35E	74.1	188.6	2.733	-5.25	62.9	S0312	.03090	9.7714	0.8	F
9022	22543.29	41 29N	69 35E	73.2	188.6	2.733	-4.90	62.9	S0312	.03090	10.0105	0.4	V
9023	22545.89	41 23N	69 34E	74.1	188.5	2.733	-4.90	62.9	S0312	.03090	9.7796	0.8	A
9024	22550.29	41 0N	69 27E	73.3	188.5	2.733	-5.25	63.3	S0312	.03090	9.9940	0.4	V
9025	22554.69	40 40N	69 36E	72.6	188.5	2.733	3.15	63.6	S0312	.03090	10.0682	1.0	V
9026	22560.29	40 16N	69 42E	75.2	188.4	2.511	10.15	64.0	S0312	.03090	9.7549	0.6	V
9027	22563.09	40 16N	69 42E	76.2	188.4	2.511	10.50	64.0	S0312	.03090	9.4992	1.0	A
902A	22583.69	38 53N	68 41E	74.9	188.2	2.733	-11.20	65.0	S0312	.03090	9.6477	0.8	F
9029	22589.09	38 53N	68 40E	74.9	188.2	2.733	-10.50	65.0	S0312	.03090	9.6807	0.8	A
9030	22600.49	37 59N	69 39E	87.8	188.1	2.170	29.75	66.2	S0312	.02200	8.2129	0.4	A
9031	22620.89	36 5N	69 7E	82.8	187.9	2.385	25.20	67.2	S0312	.02200	8.8396	0.6	V
9032	22623.89	36 4N	69 7E	84.1	187.9	2.385	25.55	67.2	S0312	.02200	8.5674	0.6	A
9033	22663.09	33 22N	68 39E	88.4	187.7	2.170	30.80	68.9	S0312	.02200	8.1551	1.0	A
9034	22694.69	30 57N	66 27E	84.2	187.5	2.733	-29.75	69.1	S0312	.02200	8.5674	0.6	F
9035	22697.69	30 57N	66 26E	83.0	187.5	2.733	-29.40	69.1	S0312	.02200	8.8231	0.6	V
9036	22704.69	30 46N	66 54E	75.4	187.4	3.090	-10.50	69.6	S0312	.02200	9.5982	0.6	A
9037	22708.89	30 16N	66 55E	74.9	187.4	3.090	-6.30	69.8	S0312	.03090	9.6642	1.0	A
9038	22717.89	29 54N	66 1E	87.1	187.4	2.733	-33.60	69.6	S0312	.02200	8.4108	0.4	V
9039	22720.89	29 53N	66 1E	87.8	187.4	2.733	-33.25	69.6	S0312	.02200	8.2706	0.6	A
9040	23441.09	20 7S	57 30E	102.5	186.8	3.439	-15.05	45.3	S0312	.03090	7.0419	1.2	V
9041	23444.89	20 7S	57 30E	103.8	186.9	3.439	-14.35	45.3	S0312	.03090	6.8688	1.2	A
383 5001	27678.29	53 15N	50 19E	80.2	190.7	2.033	-24.85	53.2	S0312	.03150	9.1271	0.6	V
5002	27681.09	53 15N	50 19E	80.9	190.7	2.033	-24.50	53.2	S0312	.03150	8.9787	0.6	A
9001	27520.49	64 12N	54 51E	98.9	194.6	1.332	-32.20	43.3	S0312	.02200	6.1469	0.4	A
9002	27608.09	57 54N	53 17E	74.3	192.1	2.033	1.40	49.3	S0312	.04090	9.8538	0.6	V
9003	27610.89	57 53N	53 17E	75.2	192.0	2.033	1.75	49.3	S0312	.04090	9.6312	0.6	A
9004	27614.29	57 48N	53 11E	74.5	192.0	2.033	3.85	49.7	S0312	.04090	9.8291	0.4	V
9005	27619.69	56 53N	53 12E	76.8	191.9	2.033	10.15	50.2	S0312	.04090	9.4415	1.0	F
9006	27625.09	56 53N	53 11E	76.8	191.7	2.033	10.50	50.2	S0312	.04090	9.4250	1.0	A
9007	27634.49	55 49N	51 43E	78.8	191.5	2.033	-19.95	50.5	S0312	.04090	9.2024	0.4	A
900A	27675.09	53 15N	50 20E	81.1	190.8	1.810	-24.50	53.2	S0312	.03090	8.8890	0.8	F
9009	27678.09	53 15N	50 19E	80.2	190.7	2.033	-24.85	53.2	S0312	.04090	9.1282	0.8	V
9010	27684.69	52 60N	50 17E	80.2	190.6	2.033	-23.45	53.4	S0312	.04090	9.0457	0.8	A
9011	27697.49	51 56N	51 38E	81.9	190.4	2.033	22.40	54.7	S0312	.03090	8.8231	0.6	A
9012	27708.49	51 11N	51 32E	85.3	190.2	2.033	26.95	55.4	S0312	.03090	8.4485	0.6	A
9013	27735.89	49 4N	49 31E	74.9	189.8	2.385	-9.45	56.9	S0312	.04090	9.6559	0.6	F
9014	27738.69	49 0N	49 31E	74.0	189.8	2.385	-9.10	56.9	S0312	.04090	9.9033	0.6	V
9015	27743.89	48 42N	49 26E	73.8	189.7	2.385	-7.70	57.2	S0312	.04090	9.9280	0.6	V
9016	27746.69	48 41N	49 26E	74.6	189.7	2.385	-7.35	57.2	S0312	.04090	9.7054	0.4	A
9017	27825.89	42 55N	47 40E	75.3	188.8	2.511	-11.55	61.8	S0312	.04090	9.6064	0.6	F
9018	27831.29	42 55N	47 39E	75.2	188.7	2.733	-11.20	61.8	S0312	.04090	9.6394	0.6	A
9019	27845.29	41 57N	46 40E	85.0	188.6	2.170	-31.15	62.5	S0312	.03090	8.4685	0.6	F
9020	27923.49	36 15N	45 34E	81.6	188.0	2.511	-26.95	66.2	S0312	.03090	8.8313	0.6	F
9021	27926.49	36 14N	45 34E	80.5	188.0	2.511	-26.60	66.2	S0312	.03090	9.0869	0.6	V
9022	27935.09	35 54N	46 13E	73.5	187.9	2.872	1.75	67.1	S0312	.03090	9.9775	0.6	V
9023	27937.89	35 53N	46 12E	74.4	187.9	2.872	2.10	67.1	S0312	.03090	9.7219	0.4	A
9024	27949.69	34 22N	45 59E	75.3	187.8	2.872	3.15	67.9	S0312	.03090	9.6229	0.6	F
9025	27952.49	34 21N	45 59E	74.5	187.8	2.872	3.50	67.9	S0312	.03090	9.8291	0.6	V
9026	27960.09	33 43N	45 9E	79.6	187.7	2.733	-22.05	67.8	S0312	.02200	9.0622	0.8	A
9027	27966.29	33 19N	44 30E	93.5	187.7	2.511	-38.50	67.7	S0312	.01680	7.6934	0.8	F
9028	27969.49	33 19N	44 30E	92.0	187.7	2.511	-38.15	67.7	S0312	.01680	7.9408	1.0	V
9029	27975.29	32 56N	44 45E	83.2	187.6	2.733	-29.05	68.1	S0312	.03090	8.7983	0.6	V
9030	27978.49	32 55N	44 44E	84.0	187.6	2.733	-28.70	68.1	S0312	.03090	8.6417	0.4	A
9031	27984.89	31 60N	44 56E	77.8	187.6	2.872	-17.15	68.8	S0312	.03090	9.2849	0.4	F
9032	27987.69	31 60N	44 56E	76.7	187.6	2.872	-16.45	68.8	S0312	.03090	9.5405	0.4	V
9033	27999.69	31 18N	45 17E	75.8	187.5	2.872	2.80	69.5	S0312	.03090	9.5322	0.6	A
9034	28006.89	30 41N	44 34E	78.0	187.5	2.872	-19.60	69.4	S0312	.02200	9.3838	1.0	V
9035	28066.89	26 21N	43 47E	78.5	187.2	3.090	-17.15	71.0	S0312	.03090	9.1941	1.0	F
9036	28096.09	24 59N	44 7E	78.8	187.1	3.090	10.85	72.0	S0312	.03090	9.1447	1.2	A
9037	28378.69	5 20N	39 43E	89.9	186.4	3.574	-24.50	65.8	S0312	.03090	8.0067	1.0	A
9038	28425.49	1 46N	40 6E	89.5	186.4	3.090	14.35	64.1	S0312	.03090	8.1222	1.0	V
9039	28509.09	4 1S	39 41E	108.1	186.4	2.511	31.85	60.0	S0312	.02200	6.7203	0.6	V
9040	28513.09	4 1S	39 41E	110.1	186.4	2.511	32.20	60.0	S0312	.02200	6.4730	0.6	A
9041	28536.29	5 8S	39 12E	105.9	186.5	2.733	27.65	58.2	S0312	.02200	6.8111	0.6	F
9042	28540.29	5 9S	39 12E	105.4	186.5	2.511	28.35	58.2	S0312	.02200	6.8853	0.4	V

Handle via
BYEMAN Channels
BYE-8915/84

Approved for Release: 2021/01/22 C05132886

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
383 9043	28545.49	6 49S	39 18E	113.9	186.5	2.511	33.60	57.8	SO312	.03090	6.3410	0.6	F
9044	28548.89	6 48S	39 17E	112.2	186.5	2.511	33.25	57.8	SO312	.02200	6.4647	0.6	V
9045	28553.09	6 48S	39 17E	114.4	186.5	2.170	33.95	57.8	SO312	.02200	6.2173	0.6	A
384 5001	33890.29	9 47S	16 27E	105.2	186.5	2.872	25.20	55.3	SO312	.02260	6.8350	1.0	F
5002	33894.09	9 47S	16 27E	104.6	186.5	2.872	25.55	55.3	SO312	.02260	6.9092	1.0	V
5003	33973.49	14 57S	13 35E	114.3	186.6	3.211	-35.35	49.5	SO312	.02260	6.2496	0.6	F
5004	33981.69	14 57S	13 36E	113.5	186.7	3.439	-34.30	49.5	SO312	.02260	6.3268	0.6	A
9001	32849.29	61 56N	34 6E	80.3	193.8	1.810	17.50	45.7	SO312	.04090	9.0292	0.6	F
9002	32855.49	61 54N	33 59E	79.5	193.6	1.687	16.10	45.7	SO312	.04090	9.0952	0.6	A
9003	32868.49	61 5N	32 56E	76.0	193.3	1.810	4.55	46.4	SO312	.04090	9.5240	0.4	A
9004	32879.69	60 8N	30 31E	90.0	193.0	1.332	-33.95	47.0	SO312	.03090	8.0067	0.8	F
9005	32882.89	60 6N	30 30F	88.9	192.9	1.332	-33.95	47.0	SO312	.04090	8.2294	0.8	V
9006	32886.09	60 8N	30 30E	89.5	192.8	1.667	-33.95	47.0	SO312	.03090	8.0974	0.8	A
9007	32890.69	59 47N	30 38E	85.1	192.7	1.687	-29.05	47.4	SO312	.04090	8.5262	0.4	A
9008	32899.49	58 40N	31 24F	75.2	192.4	2.033	-2.45	48.6	SO312	.04090	9.6147	0.8	F
9009	32904.89	58 40N	31 24E	75.2	192.3	2.033	-1.75	48.6	SO312	.04090	9.6394	0.8	A
9010	32913.49	58 11N	30 20E	79.6	192.1	1.810	-21.00	48.9	SO312	.04090	9.1179	0.8	A
9011	32995.49	52 6N	29 7E	76.1	190.5	2.170	9.80	54.5	SO312	.04090	9.5322	0.4	F
9012	33001.09	52 5N	29 7E	76.3	190.4	2.170	10.50	54.5	SO312	.04090	9.4910	0.4	A
9013	33010.69	51 4N	28 1F	75.4	190.3	2.170	-11.55	55.1	SO312	.04090	9.5900	0.6	F
9014	33014.49	50 54N	27 49F	76.2	190.2	2.170	-14.70	55.3	SO312	.04090	9.4828	0.8	F
9015	33019.89	50 54N	27 49E	76.0	190.1	2.170	-14.00	55.3	SO312	.04090	9.5405	0.8	A
9016	33057.89	47 46N	28 9F	82.9	189.6	2.170	-24.15	58.3	SO312	.03090	8.7736	0.4	F
9017	33060.89	47 46N	28 9E	82.1	189.6	2.170	-24.50	58.3	SO312	.03090	8.9385	0.4	V
9018	33066.89	47 12N	27 38E	77.7	189.5	2.385	-14.70	58.7	SO312	.03090	9.3426	0.8	F
9019	33072.49	47 12N	27 39E	78.2	189.4	2.170	-16.10	58.7	SO312	.03090	9.2519	0.8	A
9020	33087.69	45 56N	25 45E	83.7	189.3	2.170	-29.75	59.2	SO312	.03090	8.6087	0.6	F
9021	33091.89	45 52N	25 31F	87.1	189.2	2.170	-34.65	59.2	SO312	.02200	8.3943	0.4	V
9022	33095.09	45 52N	25 31E	87.8	189.2	2.170	-34.30	59.2	SO312	.02200	8.2623	0.4	A
9023	33101.09	45 0N	25 40F	80.6	189.1	2.385	-25.20	60.0	SO312	.02200	8.9633	0.8	F
9024	33104.09	44 60N	25 40E	79.5	189.1	2.385	-24.65	60.0	SO312	.02200	9.2189	0.8	V
9025	33111.29	44 27N	26 0F	74.0	189.0	2.511	-10.15	60.6	SO312	.04090	9.8951	0.4	V
9026	33113.89	44 27N	26 0F	74.9	189.0	2.511	-9.80	60.6	SO312	.03090	9.6807	0.4	A
9027	33145.29	42 1N	26 20E	80.3	188.7	2.385	22.05	62.9	SO312	.03090	9.1282	0.4	V
9028	33148.29	42 0N	26 20F	81.5	188.6	2.385	22.40	62.9	SO312	.03090	8.8561	0.4	A
9029	33158.89	41 9N	25 25F	73.5	188.5	2.733	-0.35	63.3	SO312	.03090	9.9693	0.6	V
9030	33161.69	41 9N	25 25E	74.4	188.5	2.733	0.00	63.3	SO312	.03090	9.7301	0.4	A
9031	33199.89	38 14N	23 48F	84.3	188.2	2.385	-30.10	64.9	SO312	.03090	8.5592	0.6	F
9032	33202.89	38 14N	23 49E	82.8	188.2	2.385	-29.40	64.9	SO312	.03090	8.8396	2.2	V
9033	33206.09	38 1N	23 45F	83.0	188.1	2.385	-29.40	65.1	SO312	.03090	8.8201	0.6	V
9034	33209.09	38 1N	23 46F	83.5	188.1	2.733	-29.05	65.1	SO312	.03090	8.6994	0.6	A
9035	33210.29	37 56N	23 45F	83.5	188.1	2.733	-29.05	65.1	SO312	.03090	8.6911	0.8	A
9036	33361.49	27 16N	21 38F	81.4	187.2	2.872	-24.85	70.6	SO312	.01680	8.9797	1.0	V
9037	33577.69	12 12N	18 41E	90.8	186.6	3.090	-29.75	69.4	SO312	.03090	7.9078	0.8	F
9038	33586.69	11 11N	19 18E	81.2	186.6	3.439	-1.75	69.8	SO312	.03090	8.8973	1.2	F
9039	33624.49	9 11N	18 23F	95.7	186.5	3.439	-21.35	68.1	SO312	.03090	8.5015	1.0	V
9040	33794.89	2 41S	17 41E	103.4	186.4	2.511	29.05	61.0	SO312	.02200	7.0254	1.0	V
9041	33800.49	3 17S	17 23E	98.5	186.4	3.090	22.05	60.4	SO312	.03090	7.3223	0.8	F
9042	33804.09	3 17S	17 24F	98.3	186.4	2.872	23.10	60.4	SO312	.03090	7.3965	0.8	V
9043	33821.49	4 18S	15 20E	113.5	186.4	3.211	-40.95	58.3	SO312	.02200	6.3740	0.8	V
9044	33825.69	4 18S	15 19E	114.9	186.4	3.439	-40.95	58.3	SO312	.02200	6.2668	0.8	A
9045	33850.49	5 6US	15 9E	110.4	186.3	3.574	-37.45	57.0	SO312	.02200	6.5059	1.0	A
9046	33875.49	8 40S	15 52E	91.9	186.5	3.439	-1.40	55.8	SO312	.03090	7.8171	1.0	F
9047	33880.49	8 25S	15 37E	91.5	186.5	3.439	-9.10	55.6	SO312	.03090	7.9243	1.2	V
9048	33898.49	9 30S	16 19F	103.2	186.5	2.872	22.40	55.3	SO312	.02200	6.8853	0.8	A
9049	33951.69	12 26S	14 15F	104.3	186.6	3.574	-26.60	51.4	SO312	.03090	6.8648	1.4	A
9050	33970.89	14 47S	13 38E	113.8	186.5	3.211	-35.00	49.6	SO312	.02200	6.2751	0.6	F
9051	33973.89	14 57S	13 34E	114.4	186.6	3.211	-35.35	49.4	SO312	.02200	6.2503	0.6	F
9052	33979.09	14 47S	13 38F	113.3	186.7	3.439	-34.30	49.7	SO312	.03090	6.3245	0.8	A
9053	33982.09	14 53S	13 35E	113.5	186.7	3.439	-34.30	49.5	SO312	.03090	6.3245	0.6	A
9054	33991.49	16 10S	14 19F	97.6	186.7	3.439	-5.95	48.9	SO312	.03090	7.3305	0.6	F
9055	33995.09	16 16S	14 19E	96.7	186.7	3.439	-5.60	48.9	SO312	.03090	7.4707	0.6	V
9056	34004.09	17 11S	14 41E	101.8	186.7	3.090	11.90	48.3	SO312	.02200	7.0419	0.6	F
9057	34011.29	17 26S	14 22E	98.2	186.7	3.211	3.50	48.0	SO312	.02200	7.3553	0.8	V
9058	34014.89	17 26S	14 22E	99.6	186.7	3.211	3.85	48.0	SO312	.02200	7.1326	0.8	A
9059	34025.09	19 2S	13 52E	99.8	186.8	3.439	-9.10	47.2	SO312	.03090	7.1409	0.6	A
385 5001	38434.28	43 16N	2 59E	81.8	188.8	2.385	-28.35	61.3	SO312	.03150	8.9457	1.0	V
5002	38437.28	43 16N	2 59E	82.6	188.8	2.385	-28.00	61.4	SO312	.03150	8.7973	1.0	A
9001	38214.68	58 42N	8 37F	77.0	192.2	1.810	-14.35	48.8	SO312	.05410	9.4085	0.8	A
9002	38277.48	53 59N	8 8E	82.8	190.9	2.033	23.45	53.3	SO312	.04090	8.7654	0.6	F
9003	38283.08	53 44N	7 55E	79.8	190.8	2.033	20.30	53.5	SO312	.04090	9.1859	0.6	V
9004	38286.08	53 28N	7 55E	80.9	190.6	2.033	20.65	53.5	SO312	.03090	8.9303	0.6	A
9005	38299.48	52 42N	6 43E	73.6	190.5	2.170	-1.05	54.2	SO312	.04090	9.9610	0.6	V
9006	38302.28	52 22N	6 42F	74.5	190.5	2.170	-0.70	54.2	SO312	.04090	9.7301	0.6	A
9007	38415.68	44 10N	4 43F	79.2	189.0	2.511	17.85	61.2	SO312	.03090	9.1694	0.8	F
9008	38421.28	44 11N	4 43E	79.6	188.9	2.385	18.55	61.2	SO312	.03090	9.0787	0.8	A
9009	38548.28	35 23N	1 30E	75.4	187.9	2.872	-15.75	67.0	SO312	.03090	9.7054	1.0	V
9010	38555.48	34 52N	1 38E	73.9	187.8	2.872	-8.40	67.4	SO312	.03090	9.9198	0.6	V
9011	38564.08	34 33N	0 51F	84.4	187.8	2.733	-30.45	67.2	SO312	.03090	8.6004	1.2	A
9012	38569.88	33 40N	1 1F	77.8	187.7	2.872	-19.95	67.9	SO312	.03090	9.2849	0.6	F
9013	38572.68	33 43N	1 1E	76.8	187.7	2.872	-19.60	67.9	SO312	.03090	9.5405	0.6	V
9014	38587.48	33 26N	0 32F	84.0	187.6	2.872	-29.75	68.1	SO312	.03090	8.6499	1.0	A

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
385 9015	38654.88	27 52N	0 11W	79.1	187.3	3.090	-19.25	70.6	SO312	.03090	9.1199	0.8	F
387 9001	49684.28	1 22S	48 29W	100.1	186.4	2.872	25.55	62.0	SO312	.03090	7.2254	0.6	F
9002	49687.88	1 22S	48 29W	99.8	186.4	2.872	26.25	62.0	SO312	.03090	7.2811	0.8	V
9003	49791.68	8 36S	50 41W	92.7	186.5	3.439	-8.40	55.4	SO312	.03090	7.7428	0.8	F
9004	49801.48	9 3S	50 40W	91.7	186.5	3.439	-4.55	55.1	SO312	.03090	7.8995	0.8	V
9005	49807.88	9 16S	50 20W	95.6	186.5	3.211	9.80	55.2	SO312	.03090	7.4542	1.0	A
9006	49818.48	10 16S	50 26W	95.6	186.5	3.211	11.20	54.4	SO312	.03090	7.5779	1.0	V
9007	49823.28	10 30S	50 36W	94.3	186.5	3.211	7.35	54.0	SO312	.03090	7.6769	1.0	V
9008	49828.88	11 11S	50 53W	94.3	186.5	3.439	0.70	53.4	SO312	.03090	7.6109	1.0	F
9009	49838.88	11 32S	51 48W	102.8	186.6	3.439	-27.65	52.6	SO312	.03090	7.0419	1.0	V
9010	49846.48	12 20S	51 39W	98.6	186.6	3.439	-18.90	52.1	SO312	.03090	7.2563	1.0	F
9011	49848.08	12 26S	51 40W	98.6	186.6	3.439	-18.90	52.0	SO312	.03090	7.2481	0.8	F
9012	49854.48	12 44S	51 31W	96.7	186.6	3.439	-12.95	52.1	SO312	.03090	7.3883	0.8	A
9013	49861.08	12 55S	51 4W	97.0	186.6	3.211	5.95	52.0	SO312	.03090	7.3470	1.0	A
9014	49866.48	13 10S	50 54W	100.5	186.6	3.211	14.00	51.8	SO312	.03090	7.0749	1.0	A
9015	49875.08	14 21S	51 23W	96.8	186.6	3.439	2.80	50.7	SO312	.03090	7.4048	1.0	F
9016	49881.08	14 43S	51 49W	97.3	186.6	3.439	-10.15	50.1	SO312	.03090	7.3553	1.0	F
9017	49887.28	15 9S	51 53W	97.5	186.6	3.439	-9.45	49.8	SO312	.03090	7.3388	0.8	F
9018	49891.68	14 56S	51 58W	98.6	186.7	3.439	-12.60	49.9	SO312	.03090	7.2394	0.8	A
9019	49895.08	15 25S	52 4W	97.8	186.7	3.439	-13.65	49.4	SO312	.03090	7.3883	1.0	V
9020	49902.08	15 41S	51 50W	97.7	186.7	3.439	-7.15	49.4	SO312	.03090	7.2893	1.0	A
9021	49909.68	16 10S	52 9W	99.0	186.7	3.439	-11.20	48.8	SO312	.03090	7.2069	1.0	A
9022	49922.68	17 19S	52 19W	97.9	186.7	3.439	-10.15	47.8	SO312	.03090	7.3300	1.0	V
9023	49938.08	18 41S	51 54W	102.6	186.8	3.211	11.20	46.9	SO312	.03090	6.9842	0.8	F
9024	49944.88	19 0S	52 19W	99.9	186.8	3.211	0.35	46.4	SO312	.03090	7.1574	1.0	F
9025	49949.88	19 12S	52 18W	99.4	186.8	3.211	2.10	46.3	SO312	.03090	7.2646	1.0	V
9026	49952.88	19 24S	52 20W	99.5	186.8	3.211	2.10	46.1	SO312	.03090	7.2563	0.8	V
9027	49959.28	19 42S	52 47W	101.5	186.8	3.439	-10.85	45.8	SO312	.03090	7.0172	0.8	A
9028	50176.08	34 43S	56 8W	115.5	187.8	3.211	-15.75	31.7	SO312	.03090	6.1349	0.4	F
9029	50177.68	34 50S	56 9W	115.6	187.8	3.211	-15.75	31.6	SO312	.03090	6.1266	1.6	F
9030	50182.68	34 58S	56 9W	114.1	187.8	3.211	-14.70	31.5	SO312	.03090	6.2751	0.8	V
9031	50186.08	34 49S	56 11W	116.1	187.9	3.211	-15.40	31.6	SO312	.03090	6.0936	0.6	A
9032	50204.48	36 19S	56 43W	118.2	188.0	3.211	-19.95	30.1	SO312	.03090	5.8607	1.0	V
389 9001	59966.47	21 0N	89 34W	78.0	186.9	3.211	-7.70	72.0	SO312	.03090	9.2684	0.6	F
9002	59969.27	21 0N	89 37W	77.1	186.9	3.211	-7.35	72.0	SO312	.03090	9.4828	0.8	V
9003	59972.67	20 58N	89 39W	78.2	186.9	3.211	-8.05	72.0	SO312	.03090	9.2271	0.8	A
9004	59990.07	19 52N	90 30W	89.6	186.8	3.211	-31.85	71.3	SO312	.03090	8.0727	1.0	A
390 5001	65116.07	31 29N	109 36W	74.8	187.5	3.090	-7.35	69.3	SO312	.02260	9.6878	0.6	F
5002	65121.27	31 30N	109 35W	74.8	187.5	3.090	-6.30	69.4	SO312	.02260	9.6878	0.8	A
9001	65115.87	31 30N	109 35W	74.8	187.5	3.090	-7.35	69.3	SO312	.02200	9.6889	0.8	F
9002	65121.27	31 30N	109 35W	74.8	187.5	3.090	-6.30	69.4	SO312	.02200	9.6889	0.8	A
9003	65123.67	31 30N	109 37W	74.8	187.5	3.090	-6.30	69.4	SO312	.03090	9.6642	1.0	A
9004	65173.67	28 1N	111 6W	88.9	187.2	2.872	-33.60	70.2	SO312	.03090	8.1469	0.6	A
9005	65221.67	24 6N	110 21W	84.7	187.0	2.872	21.70	72.4	SO312	.03090	8.5839	1.0	F
9006	65229.67	23 59N	110 25W	84.5	187.0	2.733	21.35	72.4	SO312	.03090	8.5180	0.8	A
394 9001	85860.66	65 51N	173 16E	81.6	195.4	1.332	-21.00	42.3	SO312	.03090	8.8726	0.6	A
395 9001	5017.86	48 42N	144 40E	75.6	189.7	2.385	8.05	57.5	SO312	.03090	9.5735	0.4	A
9002	5034.46	47 3N	142 47E	85.8	189.4	2.033	-31.45	58.5	SO312	.02200	8.4025	0.4	F
9003	5039.46	46 59N	142 46E	85.9	189.4	2.033	-31.85	58.5	SO312	.02200	8.3943	0.6	F
9004	5042.86	46 56N	142 39E	86.0	189.4	2.033	-33.95	58.5	SO312	.02200	8.4355	0.4	V
9005	5046.06	46 56N	142 39E	87.5	189.4	2.033	-33.60	58.5	SO312	.02200	8.3036	0.4	A
396 9001	10208.85	54 55N	124 54E	75.8	191.7	2.033	-11.20	50.3	SO312	.03090	9.5570	0.6	A
9002	10343.85	46 0N	122 32E	87.4	189.3	2.170	30.45	60.0	SO312	.03090	8.4025	0.4	V
9003	10347.05	46 0N	122 32E	86.8	189.2	2.170	30.80	60.0	SO312	.03090	8.1469	0.4	A
9004	10441.05	24 11N	115 46E	92.1	187.0	3.090	-23.45	71.5	SO312	.02200	8.7818	1.0	F
9005	10688.65	23 37N	116 10E	77.0	187.0	3.211	-3.85	72.0	SO312	.03090	9.3920	1.0	F
9006	10701.45	22 47N	115 22E	85.5	187.0	3.090	-28.00	71.5	SO312	.03090	8.4273	0.6	F
9007	10707.65	22 47N	115 22E	84.8	187.0	3.211	-26.95	71.5	SO312	.04090	8.5345	0.4	A
397 9001	15282.25	72 30N	113 15E	87.3	201.6	0.776	-26.25	35.3	SO312	.03090	8.3036	0.4	A
9002	15497.65	58 1N	102 54E	79.1	192.2	1.687	-19.60	49.3	SO312	.04090	9.1382	0.6	F
9003	15500.45	58 1N	102 54E	78.0	192.1	1.687	-19.25	49.3	SO312	.04090	9.3920	0.6	V
9004	15503.65	57 60N	102 50E	79.4	192.0	1.687	-20.30	49.3	SO312	.03090	9.1382	0.6	A
9005	15760.05	40 15N	97 22E	74.3	188.4	2.733	-14.00	63.9	SO312	.03090	9.8621	0.6	V
9006	15769.85	40 15N	97 22E	75.1	188.4	2.733	-13.65	63.9	SO312	.03090	9.6559	0.6	A
9007	15800.85	37 23N	97 22E	74.5	188.1	2.733	11.55	66.3	SO312	.03090	9.8373	0.4	V
9008	15803.45	37 23N	97 22E	75.5	188.1	2.733	11.90	66.3	SO312	.03090	9.5735	0.6	A
398 5001	20906.25	51 31N	77 48E	84.2	190.3	1.810	-30.45	54.8	SO312	.02260	8.6819	0.6	V
9001	20798.65	58 21N	82 54E	84.1	192.4	1.810	24.15	49.2	SO312	.03090	8.6334	0.6	F
9002	20801.65	58 21N	82 54E	83.3	192.3	1.810	24.50	49.2	SO312	.03090	8.8066	0.6	V
9003	20879.85	53 3N	78 39E	80.6	190.7	2.033	-23.80	53.6	SO312	.03090	8.9550	0.8	F

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REV	FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IM/SEC	BURST TIME SEC	MIRROR
398	9004	20883.65	53 1N	78 39E	79.2	190.7	2.033	-23.10	53.6	S0312	.0309U	9.2436	0.4	V
	9005	20886.45	53 1N	78 39E	80.0	190.6	2.033	-22.75	53.6	S0312	.0309U	9.0787	0.6	A
	9006	20914.45	50 59N	78 36E	74.5	190.2	2.385	-2.80	55.8	S0312	.0409U	9.7219	0.4	F
	9007	20917.05	50 59N	78 36E	73.6	190.1	2.385	-2.45	55.8	S0312	.0409U	9.9610	0.4	V
	9008	20921.05	50 58N	78 24E	74.4	190.1	2.385	-4.55	56.2	S0312	.0409U	9.7219	1.2	F
	9009	20926.45	50 58N	78 23E	74.4	190.0	2.385	-3.85	56.2	S0312	.0409U	9.7384	1.2	A
	9010	20975.05	46 47N	78 32E	89.0	189.4	2.033	31.15	59.4	S0312	.0220U	8.1139	0.6	A
	9011	21165.85	33 41N	73 16E	82.5	187.7	2.733	-28.70	67.9	S0312	.0220U	8.8726	0.8	V
	9012	21166.85	33 41N	73 16E	83.3	187.7	2.733	-28.35	67.9	S0312	.0220U	8.7159	0.8	A
	9013	21186.45	32 4N	72 41E	90.9	187.6	2.511	-36.05	68.6	S0312	.0220U	7.9160	0.4	F
	9014	21191.25	31 57N	72 44E	87.2	187.6	2.511	-33.60	68.7	S0312	.0220U	8.3778	0.6	V
	9015	21194.45	31 57N	72 43E	86.1	187.5	2.733	-33.60	68.7	S0312	.0220U	8.2376	0.6	A
	9016	21262.05	27 4N	71 50E	85.9	187.2	2.872	-31.15	70.6	S0312	.0309U	8.5015	0.8	V
	9017	21265.05	27 3N	71 50E	86.7	187.2	2.872	-30.80	70.7	S0312	.0309U	8.3831	1.0	A
	9018	21334.05	22 41N	70 47E	92.0	186.9	3.090	-35.00	71.3	S0312	.0220U	7.8830	1.2	A
	9019	21356.45	20 44N	70 56E	81.8	186.9	3.211	-19.95	71.7	S0312	.0309U	8.8396	0.8	A
399	9001	25981.44	67 19N	63 31E	85.0	196.7	1.113	-27.30	40.7	S0312	.0226U	8.5912	0.8	V
	9002	25984.64	67 18N	63 31E	85.8	196.5	1.332	-27.30	40.7	S0312	.0226U	8.4510	0.8	A
	9001	25970.04	67 6N	64 45E	79.6	197.2	1.113	-17.50	40.1	S0312	.0309U	9.1941	0.4	V
	9002	25973.04	67 5N	64 45E	80.3	197.1	1.332	-17.50	40.1	S0312	.0309U	9.0210	0.4	A
	9003	26170.04	54 16N	57 57E	74.8	191.1	2.170	1.40	52.8	S0312	.0409U	9.6889	0.8	F
	9004	26175.44	54 16N	57 56E	74.8	191.0	2.170	2.10	52.8	S0312	.0409U	9.6807	0.6	A
	9005	26206.44	51 51N	56 24E	77.0	190.4	2.170	-16.45	54.7	S0312	.0409U	9.3756	0.4	F
	9006	26216.24	51 25N	57 35E	80.8	190.3	2.033	20.65	55.4	S0312	.0309U	8.9468	0.4	A
	9007	26224.84	50 29N	57 2E	77.8	190.2	2.385	14.35	56.2	S0312	.0409U	9.3261	0.4	F
	9008	26227.64	50 28N	57 2E	77.1	190.1	2.170	15.05	56.2	S0312	.0409U	9.5157	0.4	V
	9009	26231.04	50 2N	56 58E	78.8	190.1	2.385	16.80	56.5	S0312	.0309U	9.2024	0.8	F
	9010	26236.64	50 3N	56 59E	79.2	190.0	2.170	17.85	56.6	S0312	.0309U	9.1282	0.8	A
	9011	26320.44	43 57N	54 48E	75.9	189.0	2.511	9.45	61.5	S0312	.0309U	9.5570	1.4	F
	9012	26326.44	43 56N	54 48E	76.2	188.9	2.511	10.15	61.5	S0312	.0309U	9.4992	1.4	A
	9013	26363.84	41 54N	52 37E	91.1	188.5	2.385	-37.10	62.7	S0312	.0168U	7.9655	0.6	A
	9014	26378.24	40 5N	53 1E	76.7	188.4	2.733	-16.45	64.1	S0312	.0220U	9.4168	0.8	F
	9015	26383.64	40 6N	53 1E	76.6	188.4	2.733	-15.75	64.1	S0312	.0220U	9.4663	1.2	A
	9016	26485.44	32 41N	51 40E	74.7	187.6	2.872	-3.15	68.9	S0312	.0309U	9.6889	1.2	F
	9017	26490.84	32 41N	51 40E	74.8	187.6	2.872	-2.45	68.9	S0312	.0309U	9.6642	1.2	A
	9018	26522.24	30 23N	50 50E	76.4	187.4	3.090	-15.75	69.8	S0312	.0309U	9.5817	1.0	V
	9019	26530.44	29 58N	50 31E	80.5	187.4	2.872	-22.05	70.0	S0312	.0309U	8.9633	0.4	F
	9020	26533.24	29 58N	50 31E	79.2	187.4	2.872	-21.35	70.0	S0312	.0309U	9.2271	0.4	V
	9021	26539.44	29 58N	50 50E	76.0	187.4	3.090	-4.90	70.6	S0312	.0220U	9.5157	0.8	F
	9022	26544.84	29 57N	50 50E	76.1	187.3	3.090	-4.20	70.6	S0312	.0220U	9.4992	0.8	A
	9023	26574.84	26 33N	50 13E	77.1	187.2	3.090	-10.15	71.3	S0312	.0409U	9.3673	1.2	F
	9024	26578.24	26 32N	50 12E	76.3	187.2	3.090	-9.80	71.3	S0312	.0409U	9.5982	0.6	V
	9025	26581.04	26 19N	50 10E	76.3	187.2	3.090	-9.80	71.4	S0312	.0309U	9.5900	0.4	V
	9026	26583.84	26 19N	50 10E	77.2	187.2	3.090	-9.45	71.4	S0312	.0309U	9.3673	1.0	A
	9027	26589.64	25 59N	50 7E	77.2	187.1	3.211	-8.40	71.5	S0312	.0409U	9.3673	0.6	A
	9028	26597.64	25 28N	49 29E	85.0	187.1	3.090	-28.00	71.1	S0312	.0309U	8.5262	0.8	A
	9029	26601.64	25 11N	49 20E	87.4	187.1	3.090	-31.15	71.1	S0312	.0309U	8.2871	0.8	A
	9030	26729.84	15 54N	47 39E	90.2	186.7	3.090	-30.80	70.7	S0312	.0168U	7.9737	0.8	F
	9031	26736.84	15 49N	47 58E	82.4	186.7	3.439	-18.20	71.0	S0312	.0309U	8.7654	0.4	A
	9032	26930.44	2 3N	45 18E	94.6	186.4	3.439	-26.95	63.4	S0312	.0309U	7.5779	1.4	F
	9033	26934.24	2 3N	45 18E	93.2	186.4	3.439	-26.25	63.4	S0312	.0309U	7.8006	0.6	V
	9034	26937.24	2 3N	45 18E	94.3	186.4	3.439	-25.90	63.4	S0312	.0168U	7.6357	1.4	A
400	9001	31288.24	67 3N	44 17E	82.1	196.7	1.332	20.65	41.1	S0312	.0309U	8.9220	0.4	V
	9002	31291.24	67 3N	44 16E	83.2	196.6	1.332	21.00	41.1	S0312	.0309U	8.6829	0.4	A
	9003	31346.84	62 55N	41 46E	90.6	194.4	1.687	30.80	45.1	S0312	.0409U	8.0067	1.0	F
	9004	31350.24	62 54N	41 47E	90.0	194.3	1.475	31.50	45.1	S0312	.0409U	8.1551	0.8	V
	9005	31353.44	62 53N	41 46E	91.0	194.2	1.475	31.50	45.1	S0312	.0409U	7.9572	0.8	A
	9006	31370.04	61 40N	40 19E	81.3	193.6	1.687	21.00	46.2	S0312	.0409U	9.0127	0.6	V
	9007	31373.04	61 40N	40 18E	82.2	193.5	1.687	21.00	46.2	S0312	.0409U	8.7983	0.6	A
	9008	31404.24	59 12N	38 45E	79.8	192.7	1.810	17.15	48.4	S0312	.0409U	9.0869	1.0	F
	9009	31410.04	59 11N	38 45E	80.1	192.5	1.810	17.85	48.5	S0312	.0409U	9.0375	0.8	A
	9010	31818.24	31 8N	29 48E	80.5	187.5	2.733	18.90	70.1	S0312	.0168U	9.0952	0.4	V
	9011	31821.24	31 7N	29 48E	81.9	187.5	2.733	19.60	70.1	S0312	.0168U	8.7983	0.4	A
	9012	32076.84	13 59N	25 19E	85.8	186.6	3.439	-23.10	70.1	S0312	.0309U	8.4190	1.0	A
	9013	32093.04	12 7N	24 55E	90.2	186.6	3.211	-28.70	69.3	S0312	.0168U	7.9655	1.0	F
	9014	32099.64	12 6N	24 57E	88.4	186.6	3.439	-26.25	69.4	S0312	.0309U	8.1716	1.4	A
	9015	32414.84	9 49S	22 54E	116.5	186.5	2.170	33.60	35.2	S0312	.0220U	6.0936	0.6	A
	9016	32469.04	13 41S	19 52E	119.6	186.6	3.211	-38.85	50.3	S0312	.0220U	6.9452	0.8	F
	9017	32596.64	22 25S	18 59E	106.2	186.9	3.439	-17.15	42.9	S0312	.0309U	6.7039	1.0	F
	9018	32605.04	22 27S	18 58E	106.5	187.0	3.439	-16.45	42.9	S0312	.0220U	6.6791	1.2	A
401	9001	36681.24	61 44N	17 7E	75.7	193.5	1.810	-1.40	46.0	S0312	.0541U	9.5570	0.6	A
	9002	36724.64	58 54N	14 55E	78.1	192.4	1.810	-17.15	48.5	S0312	.0409U	9.2684	0.8	A
	9003	36757.44	56 11N	14 50E	76.5	191.6	2.033	9.10	51.1	S0312	.0541U	9.4745	0.6	F
	9004	36762.04	56 4N	14 36E	74.6	191.5	2.033	4.90	51.2	S0312	.0541U	9.8126	0.8	V
	9005	36766.84	55 57N	14 19E	74.9	191.4	2.033	-0.70	51.3	S0312	.0541U	9.6642	0.6	A
	9006	36773.84	55 43N	13 10E	79.6	191.3	1.810	-23.10	51.6	S0312	.0409U	9.1941	0.6	V
	9007	36781.44	54 59N	13 1AE	76.4	191.2	2.034	-15.65	52.3	S0312	.0541U	9.4498	0.8	F
	9008	36784.24	54 56N	13 1AE	75.4	191.1	2.033	-13.30	52.4	S0312	.0541U	9.7054	0.6	V
	9009	36791.44	54 4N	13 48E	74.6	191.0	2.170	5.60	53.0	S0312	.0541U	9.8291	0.8	V
	9010	36794.24	54 4N	13 48E	75.5	190.9	2.170	5.95	53.0	S0312	.0541U	9.5900	0.6	A
	9011	36802.04	53 24N	13 4E	74.1	190.8	2.170	-7.00	53.5	S0312	.0409U	9.8868	0.6	V

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
401 9012	36805.64	53 9N	13 0E	74.0	190.7	2.170	-6.30	53.7	S0312	.0409U	9.9033	0.4	V
9013	36808.24	53 10N	13 1E	74.8	190.7	2.170	-5.95	53.7	S0312	.0409U	9.6807	0.4	A
9014	36811.24	52 58N	12 56E	74.8	190.6	2.170	-5.95	53.9	S0312	.0409U	9.6807	0.4	A
9015	36816.64	52 49N	12 22E	77.7	190.5	2.170	-18.20	54.0	S0312	.0409U	9.3426	1.0	A
9016	36998.84	39 42N	9 27E	76.0	188.4	2.733	9.80	64.7	S0312	.0220U	9.5405	0.8	F
9017	37004.24	39 40N	9 27E	76.3	188.3	2.511	10.85	64.7	S0312	.0220U	9.4745	0.8	A
9018	37074.64	34 39N	7 46E	75.0	187.8	2.872	-6.30	67.8	S0312	.0309U	9.6559	1.2	A
9019	37120.24	31 42N	6 9E	92.3	187.5	2.511	-38.15	68.7	S0312	.0168U	7.9078	1.0	V
9020	37136.04	30 54N	6 24E	80.6	187.5	2.872	-24.50	69.6	S0312	.0309U	9.0705	1.0	V
9021	37151.84	29 15N	6 30E	76.6	187.4	3.090	-11.20	70.4	S0312	.0309U	9.4415	1.0	F
9022	37159.64	28 56N	6 5E	80.5	187.3	2.872	-23.80	70.2	S0312	.0309U	9.0869	1.2	V
9023	37230.84	23 50N	5 10E	80.7	187.0	3.090	-21.00	71.6	S0312	.0168U	8.9385	0.6	F
9024	37250.24	22 50N	5 27E	77.0	187.0	3.211	-1.05	72.2	S0312	.0220U	9.3838	0.6	A
9025	37420.24	11 11N	2 57E	84.1	186.5	3.439	-16.10	69.2	S0312	.0309U	8.5757	1.0	A
403 5001	48404.43	14 4S	46 22W	113.5	186.6	3.439	-33.95	50.1	S0312	.0226U	6.3136	1.0	A
9001	48334.03	9 59S	43 60W	100.8	186.5	3.090	18.20	54.5	S0312	.0309U	7.1326	1.0	F
9002	48345.63	10 24S	45 9W	97.1	186.5	3.439	-19.25	53.5	S0312	.0309U	7.4542	0.8	V
9003	48365.43	12 2S	45 0W	95.1	186.6	3.439	-4.20	52.4	S0312	.0309U	7.5285	1.0	F
9004	48376.63	12 43S	45 56W	107.8	186.6	3.439	-30.45	51.3	S0312	.0309U	6.6131	1.0	F
9005	48384.63	13 17S	46 22W	118.7	186.6	3.211	-38.50	50.6	S0312	.0220U	5.9865	1.0	F
9006	48388.83	13 34S	46 28W	120.2	186.6	3.211	-39.20	50.4	S0312	.0220U	5.9122	0.8	F
9007	48394.03	13 56S	46 12W	109.7	186.6	3.211	-31.15	50.2	S0312	.0309U	6.4895	1.0	F
9008	48399.83	13 44S	46 24W	116.6	186.5	3.439	-36.40	50.3	S0312	.0220U	6.1514	0.8	A
9009	48410.03	14 30S	46 10W	106.2	186.6	3.439	-26.25	49.8	S0312	.0309U	6.7368	1.0	A
9010	48421.83	15 51S	46 6W	101.3	186.7	3.439	-17.50	48.8	S0312	.0309U	7.0502	0.8	F
9011	48430.83	16 19S	45 20W	100.5	186.7	3.211	10.85	48.9	S0312	.0309U	7.1821	1.0	V
9012	48435.23	16 21S	45 26W	101.3	186.7	3.211	9.10	48.8	S0312	.0309U	7.0172	1.0	A
9013	48443.43	17 0S	46 18W	100.9	186.7	3.439	-16.45	47.7	S0312	.0309U	7.1574	0.8	V
9014	48450.43	17 23S	46 53W	113.4	186.7	3.439	-31.50	47.3	S0312	.0309U	6.2998	0.8	A
9015	48474.63	19 16S	46 9W	99.8	186.8	3.211	1.75	46.1	S0312	.0309U	7.2316	1.0	V
9016	48479.23	19 29S	46 7W	101.7	186.8	3.211	3.85	46.0	S0312	.0309U	6.9842	0.8	A
9017	48484.43	19 41S	46 10W	102.1	186.8	3.211	4.20	45.7	S0312	.0309U	6.9512	0.8	A
9018	48494.63	20 24S	45 59W	106.8	186.9	2.872	14.35	45.2	S0312	.0309U	6.6296	1.0	A
9019	48509.83	21 5S	46 30W	103.6	186.9	3.090	5.95	43.7	S0312	.0309U	6.8935	0.8	F
9020	48517.43	21 50S	46 30W	104.5	186.9	3.090	7.00	43.7	S0312	.0309U	6.7781	0.8	A
9021	48537.23	23 32S	46 44W	105.3	187.0	2.872	9.10	42.3	S0312	.0309U	6.8358	0.6	V
9022	48541.23	23 43S	46 44W	107.0	187.0	2.872	9.45	42.3	S0312	.0309U	6.6131	0.4	A
404 5001	54015.63	35 25S	71 38W	114.3	187.9	2.872	-0.70	31.0	S0312	.0315U	6.2084	0.6	F
5002	54037.23	36 34S	72 5W	114.3	188.0	2.872	-4.55	29.9	S0312	.0315U	6.2578	0.8	V
9001	53652.83	10 56S	65 51W	112.7	186.5	2.511	30.10	54.0	S0312	.0220U	6.3905	0.8	F
9002	53658.23	10 59S	66 6W	103.9	186.5	2.733	24.50	53.8	S0312	.0309U	6.9595	0.4	V
9003	53663.83	11 6S	66 9W	106.3	186.5	2.733	23.45	53.7	S0312	.0309U	6.6791	1.0	A
9004	53673.83	11 45S	66 52W	96.3	186.6	3.439	3.50	52.8	S0312	.0309U	7.3965	1.0	A
9005	53736.83	16 29S	68 7W	99.6	186.7	3.439	-10.85	48.3	S0312	.0309U	7.1656	0.8	F
9006	53740.43	16 29S	68 7W	96.9	186.7	3.439	-10.85	48.3	S0312	.0309U	7.4707	0.8	V
9007	53744.03	16 29S	68 8W	98.1	186.7	3.439	-10.50	48.3	S0312	.0309U	7.2728	0.4	A
9008	53922.83	28 33S	70 45W	112.0	187.3	3.211	-16.45	37.2	S0312	.0309U	6.3328	1.4	A
9009	53943.43	30 13S	71 5W	111.3	187.4	3.211	-16.10	35.7	S0312	.0309U	6.4482	1.0	V
9010	53966.83	31 36S	71 5W	111.9	187.6	3.211	-8.40	34.5	S0312	.0309U	6.3163	1.2	A
9011	53974.83	32 40S	70 42W	113.9	187.6	2.872	7.70	33.7	S0312	.0309U	6.2421	1.0	F
9012	53980.23	33 49S	70 36W	114.3	187.6	2.872	10.85	33.7	S0312	.0309U	6.2751	0.6	V
9013	53984.83	33 25S	70 39W	116.8	187.7	2.872	12.60	33.1	S0312	.0309U	6.0854	0.8	F
9014	53989.63	33 26S	70 56W	112.0	187.7	2.872	6.30	33.0	S0312	.0309U	6.3988	0.6	V
9015	53993.83	33 26S	70 56W	113.8	187.7	2.872	6.65	33.0	S0312	.0309U	6.2008	0.6	A
9016	53997.03	33 39S	70 56W	115.0	187.7	2.872	7.70	32.8	S0312	.0309U	6.1266	0.4	A
9017	54007.23	34 31S	72 2W	115.3	187.8	3.090	-15.40	31.6	S0312	.0309U	6.2091	1.0	V
9018	54021.23	35 49S	71 36W	115.1	187.9	2.872	2.45	30.7	S0312	.0309U	6.1679	0.6	F
9019	54028.43	36 57S	72 19W	115.9	187.9	3.090	-14.00	30.3	S0312	.0309U	6.1761	0.8	V
9020	54041.23	36 54S	72 1W	115.9	188.0	2.872	-2.80	29.9	S0312	.0309U	6.0854	0.6	A
9021	54045.83	37 26S	72 21W	116.2	188.1	2.872	-6.30	29.0	S0312	.0409U	6.0934	0.8	F
9022	54049.23	37 22S	72 23W	115.3	188.1	2.872	-7.35	29.1	S0312	.0409U	6.2008	1.0	V
9023	54055.43	37 46S	72 40W	116.7	188.1	2.872	-11.55	28.6	S0312	.0409U	6.1266	0.6	V
9024	54062.03	38 14S	72 39W	116.2	188.2	2.872	-8.40	28.3	S0312	.0409U	6.1514	0.8	V
9025	54069.83	38 30S	72 23W	117.7	188.2	2.872	-0.35	28.1	S0312	.0409U	5.9865	0.8	A
9026	54081.23	39 47S	73 13W	119.9	188.3	2.872	-12.60	26.7	S0312	.0409U	5.8957	0.8	F
9027	54085.63	39 47S	73 13W	118.7	188.4	2.872	-12.25	26.7	S0312	.0409U	6.0194	0.8	V
9028	54105.03	41 28S	72 56W	120.1	188.5	2.511	3.50	25.4	S0312	.0409U	5.8957	0.6	F
9029	54113.43	41 25S	73 5W	120.2	188.6	2.511	0.70	25.4	S0312	.0309U	5.8463	1.0	A
406 5001	63609.02	34 10N	102 42W	74.4	187.9	2.872	-1.05	68.2	S0312	.0226U	9.7455	0.6	F
5002	63614.22	34 16N	102 42W	74.6	187.7	2.872	0.00	68.2	S0312	.0226U	9.7207	0.8	A
5003	63688.62	29 9N	103 47W	75.8	187.3	3.090	0.70	70.7	S0312	.0315U	9.5558	1.0	A
5004	63698.22	28 16N	103 53W	74.9	187.3	3.090	3.15	71.1	S0312	.0315U	9.7702	1.0	V
5005	63704.22	28 5N	103 47W	77.4	187.3	2.872	9.45	71.3	S0312	.0315U	9.3497	1.0	A
5006	63719.02	27 10N	104 57W	83.7	187.2	3.090	-28.00	70.8	S0312	.0315U	8.6654	0.8	A
5007	63735.62	25 59N	104 60W	79.4	187.1	3.090	-19.95	71.4	S0312	.0315U	9.1024	0.8	F
5008	63753.82	24 50N	104 1W	86.7	187.1	2.733	28.00	72.7	S0312	.0315U	8.2037	0.6	F
5009	63760.82	24 9N	104 31W	78.9	187.0	3.090	11.55	72.3	S0312	.0315U	9.1601	0.8	A
5010	63806.22	20 59N	105 13W	79.9	186.9	3.211	9.10	72.4	S0312	.0315U	9.0776	0.8	F
5011	63812.02	20 39N	105 14W	80.4	186.9	3.090	9.80	72.5	S0312	.0315U	8.9787	0.8	A
5012	63821.42	19 50N	105 20W	81.0	186.8	3.090	10.85	72.4	S0312	.0315U	8.9127	0.8	A

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
411 5001	3213.61	70 39N	162 23E	78.3	199.6	1.113	-11.55	57.7	S0312	.03150	9.3415	0.4	V
5002	3216.41	70 40N	162 24E	79.1	199.4	1.113	-11.20	57.7	S0312	.03150	9.1683	0.4	A
412 5001	A809.00	51 10N	128 40E	77.6	190.9	2.170	-18.20	55.4	S0312	.03150	9.3167	0.4	F
5002	A812.80	51 12N	128 35E	77.2	190.2	2.170	-19.60	55.4	S0312	.03150	9.4816	0.4	V
5003	A815.60	51 12N	128 35E	78.0	190.2	2.170	-19.25	55.4	S0312	.03150	9.3085	0.4	A
5004	A830.60	49 50N	129 24E	77.7	190.0	2.170	16.45	56.9	S0312	.03150	9.4487	0.6	V
5005	A834.40	49 48N	129 24E	79.1	189.9	2.170	17.50	57.0	S0312	.03150	9.1683	0.4	A
5006	A914.40	43 57N	126 33E	75.6	188.9	2.511	-16.10	61.4	S0312	.03150	9.6878	0.6	V
5007	A921.20	43 57M	126 33E	76.4	188.9	2.511	-15.75	61.4	S0312	.03150	9.5064	0.4	A
5008	A937.80	42 41N	126 54E	75.7	188.7	2.733	9.45	62.9	S0312	.03150	9.5868	1.2	F
5009	A943.20	42 41N	126 54E	76.0	188.7	2.511	10.50	62.9	S0312	.03150	9.5394	1.2	A
5010	A951.60	41 49N	126 4E	74.8	188.6	2.733	-10.85	63.3	S0312	.03150	9.6713	1.0	F
5011	A957.00	41 26N	126 5E	74.8	188.5	2.733	-9.80	63.3	S0312	.03150	9.7125	1.0	A
5012	A986.80	39 3N	125 37E	74.6	188.3	2.733	-5.25	65.1	S0312	.03150	9.7125	0.6	F
5013	A999.60	38 2N	125 36E	73.9	188.3	2.733	-5.25	65.1	S0312	.03150	9.9269	1.4	V
5014	A993.00	38 59N	125 35E	74.7	188.2	2.733	-4.90	65.2	S0312	.02260	9.7125	0.6	A
5015	9201.40	24 46N	121 45E	88.6	187.1	3.090	-32.20	71.2	S0312	.02260	8.1954	1.0	A
5016	9211.80	24 5N	121 38E	88.6	187.0	3.090	-31.85	71.4	S0312	.03150	8.1954	0.8	A
5017	9289.80	18 7N	121 42E	81.9	186.8	3.211	12.25	72.3	S0312	.02260	8.8550	0.6	F
5018	9316.20	16 56N	120 18E	89.2	186.7	3.090	-30.80	70.9	S0312	.03150	8.1789	0.6	V
9001	A928.20	43 30N	126 9E	80.0	188.8	2.511	-24.15	61.6	S0312	.03090	9.0705	0.8	A
9002	A938.40	42 16N	126 53E	75.7	188.7	2.733	9.45	62.9	S0312	.03090	9.5900	0.4	F
9003	A943.80	42 19N	126 53E	76.0	188.7	2.511	10.50	62.9	S0312	.03090	9.5405	0.8	A
9004	A972.20	40 5N	125 15E	81.3	188.4	2.511	-25.90	64.1	S0312	.03090	8.8726	0.8	F
9005	A975.20	40 5N	125 15E	80.1	188.4	2.511	-25.55	64.1	S0312	.03090	9.1282	0.6	V
9006	A977.00	39 58N	125 13E	80.2	188.4	2.511	-25.55	64.2	S0312	.03090	9.1282	0.8	V
9007	A980.00	39 57N	125 13E	80.8	188.3	2.733	-25.20	64.2	S0312	.03090	8.9797	0.8	A
9008	9321.80	16 44N	120 38E	81.7	186.7	3.439	-17.50	71.2	S0312	.03090	8.8478	0.8	A
413 5001	14102.20	52 16N	107 39E	74.5	190.5	2.170	2.80	54.8	S0312	.03150	9.7290	0.6	F
5002	14106.80	51 53N	107 44E	75.7	190.5	2.170	8.75	55.1	S0312	.04150	9.5806	0.6	F
5003	14112.20	51 53N	107 45E	76.0	190.4	2.170	9.45	55.1	S0312	.04150	9.5476	0.6	A
5004	14132.20	50 29N	106 24E	74.9	190.1	2.170	-14.35	56.2	S0312	.04150	9.7702	0.6	V
5005	14135.00	50 29N	106 24E	75.8	190.0	2.385	-14.35	56.2	S0312	.04150	9.5806	0.4	A
5006	14198.60	45 49N	106 9E	79.9	189.2	2.170	22.05	60.4	S0312	.02260	9.1848	0.6	V
5007	14308.80	38 10N	102 43E	79.8	188.2	2.511	-24.50	65.4	S0312	.03150	9.0447	0.4	F
5008	14311.60	37 58N	102 41E	79.6	188.2	2.511	-24.15	65.6	S0312	.03150	9.0611	0.6	F
5009	14314.60	37 58N	102 39E	79.7	188.1	2.511	-24.85	65.6	S0312	.02260	9.1766	0.6	V
5010	14317.40	37 59N	102 39E	80.6	188.1	2.733	-24.85	65.6	S0312	.02260	9.0117	1.2	A
5011	14332.40	36 55N	103 42E	80.7	188.0	2.511	22.75	67.2	S0312	.03150	9.0941	0.4	V
5012	14335.80	36 54N	103 37E	80.6	188.0	2.511	21.00	67.2	S0312	.03150	8.9787	0.4	A
5013	14338.60	36 10N	103 32E	79.7	183.0	2.511	20.65	67.4	S0312	.02260	9.2013	0.6	V
5014	14341.40	36 11N	103 32E	80.9	187.9	2.511	21.00	67.4	S0312	.02260	8.9457	0.8	A
9001	14125.60	50 46N	106 9E	80.1	190.2	2.033	-23.80	55.8	S0312	.03090	9.0127	0.8	F
414 5001	19369.60	55 2N	85 57E	76.7	191.5	2.033	-14.70	52.2	S0312	.04150	9.4322	0.4	F
5002	19406.40	52 42N	85 4E	76.0	190.6	2.170	-13.30	54.4	S0312	.02260	9.5064	0.6	F
5003	19411.80	52 42N	85 3E	76.0	190.5	2.170	-12.95	54.4	S0312	.02260	9.5558	0.6	A
5004	19419.60	51 40N	84 20E	80.4	190.4	2.033	-24.15	55.0	S0312	.03150	8.9869	0.4	F
5005	19439.00	50 22N	83 30E	87.6	190.1	1.810	-33.60	56.0	S0312	.03150	8.2284	0.6	F
5006	19446.80	49 46N	84 18E	74.5	190.0	2.385	-8.40	56.8	S0312	.04150	9.7043	0.6	F
5007	19450.80	49 40N	84 14E	73.6	189.9	2.385	-9.45	56.9	S0312	.03150	9.9599	0.6	V
5008	19475.80	47 42N	84 19E	76.5	189.6	2.385	11.90	58.7	S0312	.03150	9.4899	0.4	F
5009	19482.00	47 38N	84 35E	00.8	189.5	2.170	21.00	58.8	S0312	.02260	9.9787	0.8	A
5010	19700.40	32 31N	80 7E	75.0	187.6	2.872	3.85	69.3	S0312	.03150	9.7620	0.8	V
5011	19800.40	25 27N	78 35E	76.9	187.1	3.211	1.05	71.9	S0312	.03150	9.4157	0.8	F
5012	19803.20	25 27N	78 35E	76.2	187.1	3.211	1.40	71.9	S0312	.03150	9.6053	0.6	V
5013	19832.40	23 19N	77 20E	87.1	187.0	2.872	-30.10	71.5	S0312	.02260	8.2614	0.8	F
5014	19838.80	23 10N	77 23E	85.4	187.0	3.090	-27.65	71.6	S0312	.03150	8.5005	0.6	A
5015	19869.80	20 44N	77 3E	83.2	186.9	3.090	-23.10	71.7	S0312	.02260	8.6571	0.8	F
9001	19383.60	53 57N	86 39E	78.1	191.0	2.170	14.70	53.4	S0312	.03090	9.2951	0.8	F
9002	19389.20	53 57N	86 39E	78.3	190.9	2.033	15.40	53.4	S0312	.03090	9.2354	0.8	A
9003	19406.60	52 31N	85 3E	76.1	190.6	2.170	-13.30	54.4	S0312	.03090	9.5075	1.0	F
9004	19412.20	52 30N	85 3E	75.9	190.5	2.170	-12.95	54.4	S0312	.03090	9.5570	0.8	A
9005	19464.20	48 39N	83 42E	76.1	189.7	2.385	-15.05	57.7	S0312	.03090	9.4910	1.0	F
9006	19728.60	30 39N	79 35E	73.7	187.5	3.090	-0.70	70.1	S0312	.03090	9.9363	1.0	V
9007	19733.80	30 26N	79 20E	74.8	187.4	3.090	-8.75	70.1	S0312	.03090	9.6807	1.0	A
415 5001	24397.20	73 31N	80 32E	83.8	203.4	0.986	21.00	34.9	S0312	.04150	8.7396	0.6	V
5002	24400.60	73 31N	80 22E	83.9	203.1	0.986	19.60	34.9	S0312	.03150	8.6324	0.6	A
5003	24580.60	61 44N	67 5E	75.9	193.6	1.687	-11.20	46.2	S0312	.04150	9.6465	0.4	V
5004	24583.40	61 44N	67 5E	76.7	193.5	1.687	-10.85	46.2	S0312	.04150	9.4569	0.4	A
5005	24667.20	55 34N	65 17E	79.0	191.4	2.033	16.45	52.0	S0312	.04150	9.1766	0.4	F
5006	24670.00	55 34N	65 17E	78.1	191.4	2.033	16.45	52.0	S0312	.04150	9.3827	0.6	V
5007	24672.00	55 26N	65 13E	78.1	191.4	2.033	16.45	52.1	S0312	.04150	9.3827	0.6	V
5008	24674.80	55 26N	65 13E	79.2	191.3	2.033	16.80	52.1	S0312	.04150	9.1436	0.6	A
5009	24795.20	46 35N	61 40E	74.6	189.4	2.511	2.80	59.3	S0312	.03150	9.7125	0.6	F
5010	24797.80	46 35N	61 40E	73.9	189.4	2.511	3.15	59.3	S0312	.03150	9.9269	0.6	V
5011	24802.80	46 46N	61 21E	74.5	189.3	2.511	-4.90	59.3	S0312	.03150	9.7372	0.6	A
5012	24866.80	42 19N	59 12E	85.1	188.7	2.385	-32.20	62.4	S0312	.03150	8.6077	0.6	V

Handle via
BYEMAN Channels
BYE-8915/84

Approved for Release: 2021/01/22 C05132886

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
415 5013	24869.80	42 20N	59 13E	85.9	188.6	2.385	-31.85	62.4	SO312	.03150	8.4675	0.6	A
5014	24912.80	39 21N	58 37E	83.2	188.3	2.511	-28.35	64.6	SO312	.03150	8.7313	0.4	A
5015	24926.80	37 59N	58 21E	82.4	188.2	2.511	-27.30	65.5	SO312	.03150	8.7478	0.4	F
5016	24930.00	37 57N	58 24E	80.3	188.1	2.511	-25.55	65.6	SO312	.03150	9.1106	1.0	V
5017	24933.60	37 55N	58 23E	81.2	188.1	2.733	-25.55	65.6	SO312	.03150	8.9457	0.4	A
5018	24941.00	37 18N	58 55E	73.9	188.1	2.672	-2.10	66.4	SO312	.03150	9.8197	1.0	A
5019	25041.20	30 17N	56 58E	76.7	187.4	2.672	-17.50	70.0	SO312	.02260	9.5476	0.6	V
5020	25089.99	27 0N	56 29E	77.4	187.2	3.211	-10.85	71.3	SO312	.04150	9.3580	0.8	A
5021	25100.59	25 50N	56 4E	80.0	187.2	3.090	-19.25	71.4	SO312	.04150	9.0199	0.6	F
5022	25230.59	17 3N	54 9E	87.5	186.7	3.090	-27.30	71.1	SD312	.03150	8.2284	0.6	F
5023	25233.59	17 4N	54 8E	86.6	186.7	3.090	-27.30	71.1	SO312	.03150	8.4263	0.8	U
5024	25293.19	12 41N	54 1E	81.4	186.6	3.439	-1.75	70.2	SO312	.04150	9.8798	0.6	F
5025	25758.59	18 54S	47 32E	111.5	186.8	3.211	-29.40	45.7	SO312	.03150	8.4722	0.4	V
5026	25762.79	18 54S	47 32E	112.4	186.8	3.439	-29.05	45.7	SO312	.03150	8.3968	0.4	A
5027	25772.99	19 54S	47 44E	106.1	186.8	3.439	-19.50	45.2	SO312	.03150	8.7278	0.6	A
9001	24719.00	52 20N	64 4E	79.7	190.5	2.033	18.55	54.7	SO312	.03090	9.0705	0.6	A
9002	24724.00	51 21N	64 13E	84.4	190.4	2.033	26.95	55.3	SO312	.03090	8.6829	0.8	V
9003	24727.00	51 21N	64 13E	85.4	190.4	2.033	26.95	55.3	SO312	.03090	8.4520	0.8	A
9004	25019.20	31 49N	57 1E	81.6	187.5	2.733	-26.60	69.1	SO312	.03090	8.9715	0.8	V
9005	25043.60	27 10N	56 12E	81.3	187.2	3.090	-22.40	71.0	SO312	.03090	8.8726	0.8	F
9006	25145.59	22 54N	55 23E	82.2	187.0	3.090	-22.05	71.7	SO312	.03090	8.7736	0.8	F
9007	25158.99	22 10N	56 31E	89.6	186.9	2.511	26.95	72.9	SO312	.03090	8.0150	1.2	A
9008	25165.99	21 47N	56 14E	85.1	186.9	2.733	20.65	72.8	SO312	.03090	8.4438	1.0	A
9009	25195.39	19 28N	54 37E	85.9	186.8	3.090	-26.25	71.5	SO312	.03090	8.3943	1.0	F
9010	25205.99	18 52N	55 16E	78.6	186.8	3.211	4.20	72.2	SO312	.03090	9.2931	0.8	V
9011	25211.79	18 29N	55 7E	78.3	186.8	3.211	0.70	72.0	SO312	.03090	9.3343	1.0	V
9012	25221.39	18 4N	54 35E	81.8	186.7	3.439	-17.50	71.6	SO312	.03090	8.8513	0.8	A
9013	25236.59	17 4N	54 7E	88.0	186.7	3.090	-27.65	71.1	SO312	.03090	8.2211	1.0	A
9014	25301.19	12 37N	53 23E	88.1	186.6	3.439	-25.20	69.6	SO312	.03090	8.1964	0.8	A
416 5001	29661.99	76 14N	62 39E	79.4	209.1	0.776	9.45	32.1	SO312	.05390	9.2096	0.6	V
5002	29664.99	76 13N	62 37E	80.4	207.7	0.776	9.45	32.1	SO312	.05390	9.0199	0.6	A
5003	29772.79	69 29N	49 23E	85.6	198.4	0.986	-27.65	38.9	SO312	.04150	8.5417	0.4	V
5004	29788.99	68 21N	50 51E	78.3	197.5	1.332	9.10	40.1	SO312	.03150	9.2590	0.4	A
5005	29909.79	60 24N	44 17E	76.4	192.9	1.810	-10.50	47.4	SO312	.04150	9.5064	0.6	A
5006	29933.19	58 24N	43 50E	75.2	192.4	2.033	1.05	49.3	SO312	.04150	9.6218	0.6	F
5007	29939.19	58 21N	43 52E	75.5	192.2	1.810	3.50	49.4	SO312	.04150	9.6136	0.6	A
5008	29942.79	54 54N	43 19E	84.5	191.3	2.033	25.55	52.6	SO312	.03150	8.5829	0.6	F
5009	29988.79	54 54N	43 20E	85.3	191.2	1.810	26.60	52.6	SO312	.03150	8.4922	0.8	A
5010	30093.59	47 26N	40 5E	77.5	189.5	2.385	14.00	59.0	SO312	.03150	9.3662	0.4	F
5011	30098.19	47 9N	39 48E	75.7	189.5	2.385	8.40	59.1	SO312	.03150	9.5806	0.6	F
5012	30103.79	47 8N	39 48E	76.0	189.4	2.385	9.10	59.2	SO312	.03150	9.5394	0.4	A
5013	30267.59	35 58N	35 47E	81.3	187.9	2.733	-25.20	67.1	SO312	.04150	8.8798	0.6	F
5014	30270.39	35 56N	35 47E	80.2	187.9	2.733	-24.85	67.1	SO312	.04150	9.1271	0.8	V
5015	30271.79	35 52N	35 46E	80.3	187.9	2.733	-24.85	67.1	SO312	.04150	9.1189	0.8	V
5016	30277.59	34 55N	35 53E	77.4	187.8	2.872	-16.80	67.6	SO312	.04150	9.3250	0.6	F
5017	30280.39	34 55N	35 53E	76.5	187.8	2.872	-16.45	67.6	SO312	.04150	9.5641	0.6	V
5018	30293.99	33 48N	36 0E	74.4	187.7	2.872	-2.45	68.5	SO312	.03150	9.7372	0.6	F
5019	30296.79	33 47N	36 0E	73.6	187.7	2.872	-2.10	68.6	SO312	.03150	9.9516	0.4	V
5020	30302.59	33 9N	36 1E	75.6	187.7	2.872	2.80	69.0	SO312	.03150	9.5888	0.6	F
5021	30306.39	33 9N	36 0E	74.6	187.7	2.872	3.15	69.0	SO312	.03150	9.8197	1.4	V
5022	30308.99	33 5N	35 59E	75.6	187.6	2.872	3.50	69.0	SO312	.03150	9.5806	0.6	A
5023	30319.59	32 3N	34 54E	84.0	187.6	2.733	-28.35	69.0	SO312	.01710	8.5912	0.8	F
5024	30322.59	32 3N	34 54E	83.1	187.6	2.733	-28.35	69.0	SO312	.01710	8.8056	2.6	V
5025	30327.39	31 56N	34 52E	84.0	187.5	2.733	-28.00	69.0	SO312	.01710	8.6489	1.0	A
5026	30332.99	31 7N	34 56E	79.6	187.5	2.872	-21.35	69.5	SO312	.03150	9.0611	0.6	F
5027	30335.79	31 7N	34 56E	78.6	187.5	2.872	-21.00	69.5	SO312	.03150	9.3003	0.6	V
5028	30342.79	30 26N	34 55E	77.9	187.5	2.872	-16.80	69.9	SO312	.03150	9.2673	0.6	F
5029	30345.59	30 26N	34 54E	77.1	187.4	3.090	-16.80	69.9	SO312	.03150	9.4981	0.6	V
5030	30378.19	27 50N	34 24E	78.8	187.3	3.090	-17.50	70.8	SO312	.01710	9.1601	0.6	F
5031	30380.99	29 0N	34 24E	77.9	187.3	3.090	-17.15	70.9	SO312	.02260	9.3909	0.6	V
5032	30389.19	27 16N	33 48E	88.5	187.2	2.733	-32.55	70.7	SO312	.03150	8.1377	1.0	F
5033	30392.39	27 16N	33 48E	87.7	187.2	2.733	-32.20	70.7	SO312	.03150	8.3768	1.0	V
5034	30397.99	27 4N	33 54E	84.6	187.2	3.090	-27.65	70.9	SO312	.03150	8.5747	0.8	A
5035	30427.19	25 4N	33 31E	84.9	187.1	3.090	-27.30	71.4	SO312	.03150	8.5500	1.0	A
5036	30556.99	15 38N	32 32E	80.4	186.7	3.439	1.75	71.4	SO312	.03150	8.9952	1.0	F
5037	30562.79	15 38N	32 32E	80.9	186.7	3.211	3.15	71.4	SO312	.03150	8.9210	1.0	A
5038	31170.79	26 0S	24 48E	105.4	187.2	3.211	-5.95	39.5	SO312	.03150	9.8185	1.0	V
5039	31175.39	26 26S	24 37E	106.2	187.2	3.211	-9.80	39.1	SO312	.03150	6.7690	1.0	V
5040	31187.59	27 34S	24 45E	107.5	187.2	3.211	0.35	38.3	SO312	.03150	6.6289	1.0	F
5041	31217.79	29 24S	25 0E	115.3	187.4	2.511	17.85	36.8	SO312	.03150	6.2249	1.0	V
5042	31222.39	29 42S	24 47E	112.8	187.4	2.733	13.65	36.5	SO312	.03150	6.3568	1.2	V
9001	29707.99	73 20N	54 53E	81.4	203.0	0.776	-16.45	35.0	SO312	.03090	8.8561	1.6	F
9002	29713.79	73 20N	54 53E	81.1	202.5	0.986	-16.45	35.0	SO312	.03090	8.9220	1.6	A
9003	29743.99	70 52N	53 48E	79.8	200.2	1.113	11.90	37.6	SO312	.03090	9.0705	1.6	F
9004	29749.79	70 52N	53 48E	79.7	199.8	1.113	12.25	37.6	SO312	.03090	9.0705	1.6	A
9005	29887.79	61 16N	46 42E	87.4	193.6	1.687	28.00	46.8	SO312	.03090	8.3036	0.8	F
9006	29941.79	54 58N	43 20E	84.6	191.3	2.033	25.55	52.6	SO312	.03090	8.5859	2.6	F
9007	29987.99	54 57N	43 21E	85.2	191.2	1.810	26.60	52.6	SO312	.03090	8.4932	2.6	A
9008	30080.59	48 21N	40 12E	75.9	189.7	2.385	9.10	58.2	SO312	.03090	9.5487	1.2	F
9009	30085.99	48 21N	40 12E	76.1	189.6	2.385	9.80	58.2	SO312	.03090	9.5075	1.2	A
9010	30098.19	47 9N	39 48E	75.7	189.5	2.385	8.40	59.1	SO312	.03090	9.5817	0.8	F
9011	30103.59	47 9N	39 48E	75.9	189.4	2.385	9.10	59.2	SO312	.03090	9.5405	1.0	A
9012	30287.19	34 57N	36 1E	75.6	187.8	2.872	-8.40	68.0	SO312	.03090	9.5735	0.8	A
9013	30318.79	32 6N	34 55E	84.0	187.6	2.733	-20.35	68.9	SO312	.03090	8.5922	0.8	F

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
416 9014	30354.99	29 34N	34 57E	76.3	187.4	3.090	-8.40	70.5	SO312	.03090	9.4663	1.0	F
9015	30360.39	29 30N	34 50E	76.3	187.4	3.090	-7.35	70.5	SO312	.03090	9.4745	1.0	A
9016	30370.99	28 44N	34 4E	86.7	187.3	2.733	-32.90	70.2	SO312	.03090	8.4355	1.4	V
9017	30888.59	7 17S	29 12E	103.4	186.5	2.872	24.50	56.8	SO312	.03090	6.9760	1.2	F
9018	30952.99	11 34S	27 32E	95.0	186.6	3.574	-7.35	52.6	SO312	.03090	7.5367	0.8	F
9019	30957.59	11 36S	27 26E	94.7	186.6	3.574	-10.15	52.5	SO312	.03090	7.6357	0.8	V
9020	30961.19	11 38S	27 25E	96.0	186.6	3.574	-9.80	52.5	SO312	.03090	7.4377	0.6	A
9021	31117.99	22 23S	26 46E	122.3	187.0	2.170	29.40	43.5	SO312	.03090	5.7721	1.0	A
9022	31155.19	25 30S	26 5E	120.0	187.1	2.511	25.55	40.6	SO312	.03090	5.9617	0.8	F
9023	31159.59	25 30S	26 5E	119.4	187.1	2.511	25.90	40.6	SO312	.03090	6.0277	0.8	V
9024	31180.39	26 40S	24 24E	107.6	187.2	3.439	-14.00	38.8	SO312	.03090	6.6791	1.2	V
9025	31193.79	27 44S	24 49E	107.3	187.3	3.090	3.50	38.1	SO312	.03090	6.6956	1.0	V
9026	31199.39	27 51S	24 53E	109.9	187.3	2.872	7.00	38.1	SO312	.03090	6.4317	1.4	A
417 5001	35066.19	69 41N	31 30E	87.7	199.1	1.332	26.60	38.8	SO312	.02260	8.2614	0.4	F
5002	35069.39	69 41N	31 30E	86.8	198.9	1.113	26.95	38.8	SO312	.02260	8.4180	0.4	V
5003	35075.39	69 17N	31 13E	88.4	198.6	1.113	29.05	39.2	SO312	.02260	8.2614	0.8	V
5004	35078.59	69 17N	31 14E	89.8	198.4	1.113	29.40	39.2	SO312	.02260	8.0717	0.4	A
5005	35216.79	59 51N	22 59E	78.0	192.9	1.810	12.95	48.1	SO312	.04150	9.3003	0.6	F
5006	35293.79	54 43N	19 57E	74.7	191.2	2.170	-3.15	52.6	SO312	.05390	9.6878	0.6	F
5007	35296.39	54 44N	19 57E	73.9	191.1	2.170	-2.80	52.6	SO312	.05390	9.9104	1.6	V
5008	35299.99	54 40N	19 56E	74.4	191.1	2.170	-2.45	52.7	SO312	.05390	9.7043	0.8	A
5009	35303.79	54 24N	19 50E	74.7	191.0	2.170	-2.10	52.9	SO312	.04150	9.6960	0.4	A
5010	35709.19	26 36N	12 49E	80.7	187.2	2.872	15.40	72.0	SO312	.01710	8.9540	0.8	A
9001	35152.39	64 42N	24 26E	78.4	195.0	1.475	-15.05	43.5	SO312	.03090	9.2354	1.2	A
9002	35195.19	61 30N	21 48E	85.5	193.5	1.332	-28.70	46.3	SO312	.03090	8.4355	0.6	F
9003	35201.19	61 30N	21 53E	84.0	193.4	1.687	-27.30	46.4	SO312	.03090	8.6334	1.0	A
9004	35209.19	60 28N	22 15E	76.3	193.1	1.810	-10.15	47.4	SO312	.03090	9.4663	1.0	F
9005	35222.19	59 51N	22 59E	78.0	192.8	1.810	13.65	48.1	SO312	.03090	9.2619	1.2	A
9006	35241.79	58 20N	22 21E	78.3	192.3	1.810	16.45	49.5	SO312	.03090	9.3591	0.6	V
9007	35244.59	58 20N	22 20E	79.2	192.2	1.810	16.45	49.5	SO312	.03090	9.1364	0.6	A
9008	35253.19	57 54N	21 52E	77.2	192.0	1.810	14.00	50.2	SO312	.03090	9.4992	0.6	V
9009	35255.99	57 50N	21 52E	78.2	192.0	1.810	14.35	50.2	SO312	.03090	9.2601	0.6	A
9010	35264.39	56 32N	22 2E	86.2	191.8	2.033	27.30	51.2	SO312	.03090	8.4190	0.6	F
9011	35269.19	56 26N	21 54E	84.0	191.7	1.810	26.25	51.3	SO312	.03090	8.7524	0.6	V
9012	35272.39	56 20N	21 54E	85.3	191.6	1.810	26.60	51.3	SO312	.03090	8.4850	0.6	A
9013	35277.59	55 43N	21 7E	78.7	191.5	2.033	15.75	51.8	SO312	.03090	9.2106	0.4	F
9014	35280.19	55 44N	21 7E	77.9	191.5	2.033	16.10	51.8	SO312	.03090	9.4003	0.4	V
9015	35283.19	55 44N	21 6E	78.8	191.4	2.033	16.10	51.8	SO312	.03090	9.1694	0.4	A
9016	35289.79	54 56N	20 16E	75.1	191.3	2.170	2.80	52.4	SO312	.03090	9.6477	0.4	F
9017	35303.79	54 24N	19 50E	74.7	191.0	2.170	-2.10	52.9	SO312	.03090	9.6972	0.4	A
9018	35305.99	54 15N	19 47E	74.7	191.0	2.170	-2.10	53.0	SO312	.03090	9.6972	0.4	A
9019	35318.19	53 42N	18 38E	80.7	190.7	2.033	-24.15	53.5	SO312	.03090	8.9880	0.6	A
9020	35571.19	35 55N	14 31E	74.4	187.9	2.872	2.80	67.4	SO312	.03090	9.8873	0.8	V
9021	35573.99	35 54N	14 31E	75.4	187.9	2.872	3.15	67.4	SO312	.03090	9.5900	0.6	A
9022	35616.39	32 51N	13 27E	75.4	187.6	2.872	-11.20	68.9	SO312	.03090	9.7054	0.4	V
9023	35619.19	32 51N	13 27E	76.3	187.6	3.090	-11.20	68.9	SO312	.03090	9.4928	0.4	A
9024	35626.39	32 11N	13 2E	78.6	187.6	2.872	-23.70	69.0	SO312	.03090	9.3013	0.6	V
9025	35634.39	31 26N	12 58E	79.6	187.5	2.872	-18.55	69.5	SO312	.03090	9.1777	0.6	F
9026	35637.19	31 26N	12 50E	77.6	187.5	2.872	-18.20	69.5	SO312	.03090	9.4168	0.6	V
9027	35893.59	13 55N	10 12E	82.0	186.6	3.211	6.30	70.9	SO312	.03090	8.7736	1.0	A
41A 5001	40695.99	48 20N	4 29W	73.6	189.7	2.385	-4.90	58.1	SO312	.04150	9.9599	0.6	V
5002	40698.59	48 20N	4 29W	74.5	189.6	2.385	-4.55	58.1	SO312	.04150	9.7455	0.8	A
5003	40981.19	29 0N	10 2W	86.7	187.3	2.872	-31.15	70.2	SO312	.01710	8.3603	1.0	A
5004	40991.19	28 0N	9 18W	75.6	187.3	3.090	2.45	71.2	SO312	.02260	9.6795	0.6	V
5005	41002.79	27 25N	9 7W	80.5	187.2	2.872	15.40	71.7	SO312	.01710	8.9705	0.6	A
9001	40691.99	48 25N	4 30W	74.5	189.7	2.385	-6.30	58.0	SO312	.03090	9.7054	1.0	F
9002	40909.39	33 37N	7 38W	80.8	187.7	2.511	20.30	69.0	SO312	.03090	9.0705	0.6	V
9003	40912.39	33 37N	7 38W	82.0	187.7	2.511	20.65	69.0	SO312	.03090	8.7901	0.6	A
9004	40927.59	32 16N	9 15W	83.7	187.6	2.733	-28.00	68.9	SO312	.03090	8.6169	1.0	F
9005	40935.59	32 4N	8 37W	75.4	187.6	3.090	-3.50	69.4	SO312	.03090	9.5817	1.0	A
9006	40952.79	30 59N	8 26W	78.6	187.5	2.733	15.40	70.5	SO312	.03090	9.3096	1.0	V
9007	41016.59	26 10N	10 34W	86.6	187.2	2.872	-30.45	71.1	SO312	.03090	8.3036	1.0	F
9008	41022.99	26 9N	10 32W	85.3	187.1	3.090	-28.70	71.1	SO312	.03090	8.4952	1.0	A
9009	41131.39	18 37N	11 25W	79.3	186.8	3.439	-9.40	71.9	SO312	.03090	9.0952	1.2	A
419 5001	46946.38	16 9S	40 41W	120.1	186.7	3.439	-37.10	48.0	SO312	.02260	5.9693	1.0	A
9001	46980.78	18 41S	39 49W	101.5	186.8	3.211	2.45	46.4	SO312	.03090	7.0007	1.0	A
9002	46990.58	19 21S	40 3W	101.6	186.8	3.211	-0.70	45.7	SO312	.03090	6.9925	1.0	A
9003	47003.58	20 14S	40 17W	102.2	186.9	3.439	-3.15	44.9	SO312	.03090	6.9430	1.0	A
9004	47026.38	21 40S	41 17W	111.3	186.9	3.574	-24.85	43.2	SO312	.03090	6.3305	1.0	A
9005	47032.38	22 18S	41 46W	119.5	186.9	3.211	-33.60	42.5	SO312	.03090	6.0359	1.0	V
420 9001	52415.98	23 0S	63 32W	109.7	187.3	2.872	7.35	37.8	SO312	.03090	6.4977	1.0	F
9002	52421.18	27 55S	63 24W	111.6	187.3	2.872	10.85	38.0	SO312	.03090	6.3328	1.0	A
9003	52426.58	28 34S	63 32W	110.2	187.3	2.872	10.15	37.4	SO312	.03090	6.5224	1.0	V
9004	52431.18	28 39S	63 35W	111.5	187.3	2.872	9.45	37.4	SO312	.03090	6.3328	1.0	A
9005	52436.38	28 56S	63 25W	115.4	187.4	2.511	16.10	37.1	SO312	.03090	6.1184	0.8	A
9006	52441.38	29 51S	63 43W	112.9	187.4	2.733	11.90	36.2	SO312	.03090	6.3080	1.0	F
9007	52449.58	30 20S	64 22W	109.5	187.4	3.090	-3.15	35.6	SO312	.03090	6.4977	1.2	F

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
420 9008	52454.78	30 7S	64 33W	110.5	187.4	3.090	-8.05	35.7	SO312	.03090	6.4070	1.0	A
9009	52459.98	30 0S	64 33W	109.8	187.5	3.090	-4.20	35.0	SO312	.03090	6.4750	1.2	F
9010	52464.98	31 2S	64 15W	111.9	187.5	2.872	6.30	34.7	SO312	.03090	6.3575	1.4	F
9011	52469.18	31 2S	64 16W	110.9	187.5	2.872	6.30	34.7	SO312	.03090	6.4750	0.6	V
9012	52473.18	31 2S	64 15W	112.9	187.5	2.872	7.35	34.7	SO312	.03090	6.2503	0.5	A
9013	52480.98	32 1S	64 26W	111.5	187.6	2.872	6.30	33.9	SO312	.03090	6.4317	0.6	V
9014	52485.18	32 1S	64 26W	113.3	187.5	2.872	6.65	33.9	SO312	.03090	6.2256	0.6	A
9015	52489.78	33 0S	64 21W	116.6	187.6	2.872	12.95	33.2	SO312	.03090	6.1101	0.8	F
9016	52498.78	33 0S	65 24W	113.5	187.7	3.090	-11.20	32.3	SO312	.03090	6.2503	0.8	F
9017	52503.98	33 2S	65 23W	112.2	187.7	3.090	-9.80	32.3	SO312	.03090	6.3305	1.0	V
9018	52508.18	33 2S	65 23W	113.7	187.7	3.090	-9.10	32.3	SO312	.03090	6.2173	1.0	A
9019	52514.38	34 4S	65 4W	114.1	187.8	2.872	3.85	31.5	SO312	.03090	6.2256	1.0	F
9020	52519.78	34 4S	64 58W	114.0	187.8	2.872	7.00	31.6	SO312	.03090	6.2863	1.0	V
9021	52523.38	35 4S	65 5W	113.9	187.8	2.872	5.60	31.2	SO312	.03090	6.2916	1.0	V
9022	52527.98	35 0S	65 14W	114.8	187.9	2.872	2.45	31.2	SO312	.03090	6.1431	0.8	A
421 5001	57374.38	4 2S	81 15W	93.5	186.4	3.211	11.55	58.8	SO312	.02260	7.7090	1.0	F
5002	57377.78	4 2S	81 15W	92.8	186.4	3.211	11.90	58.8	SO312	.02260	7.8244	1.0	V
9001	56719.78	40 5N	74 6W	93.2	188.5	2.170	-39.55	63.4	SO312	.03090	7.8418	3.0	V
9002	56999.98	21 1N	76 38W	82.0	186.9	3.090	14.70	72.7	SO312	.03090	8.8396	0.6	F
9003	57005.98	21 1N	76 38W	82.8	186.9	2.872	16.10	72.7	SO312	.03090	8.6994	0.6	A
9004	57010.98	20 2N	76 37W	85.7	186.9	2.872	21.00	72.8	SO312	.03090	8.4767	0.8	F
9005	57018.78	20 2N	77 7W	78.9	186.8	3.211	2.80	72.3	SO312	.03090	9.1364	0.6	A
9006	57025.18	19 5N	77 39W	80.7	186.8	3.439	-16.10	71.9	SO312	.03090	8.9550	0.6	A
9007	57328.18	0 3S	80 40W	91.3	186.4	3.211	10.85	61.7	SO312	.03090	7.8336	1.0	A
9008	57339.98	2 1S	80 59W	90.2	186.4	3.439	5.95	60.6	SO312	.03090	7.9902	1.0	F
9009	57343.38	2 1S	80 59W	89.4	186.4	3.439	6.30	60.6	SO312	.03090	8.1222	0.8	V
9010	57369.98	4 1S	81 12W	93.1	186.4	3.211	11.20	59.0	SO312	.03090	7.7428	0.6	F
9011	57372.58	4 2S	81 13W	93.4	186.4	3.211	11.55	58.9	SO312	.03090	7.7099	0.4	F
9012	57382.18	4 4S	81 13W	95.2	186.4	3.211	14.00	58.8	SO312	.03090	7.5057	0.4	A
422 5001	61954.77	45 1ON	93 13W	77.4	189.1	2.511	14.35	60.9	SO312	.03150	9.3909	3.8	F
5002	61962.37	45 2N	93 15W	77.9	189.1	2.511	15.05	61.0	SO312	.03150	9.3085	3.6	A
5003	62136.37	32 4ON	96 48W	75.3	187.6	2.872	-1.40	69.2	SO312	.03150	9.6136	0.6	F
5004	62141.77	32 4ON	96 48W	75.5	187.6	2.872	-0.70	69.2	SO312	.03150	9.5888	0.6	A
9001	61954.77	45 1ON	93 13W	77.5	189.1	2.511	14.35	60.9	SO312	.03090	9.3920	3.8	F
9002	61962.17	45 2N	93 15W	77.8	189.1	2.511	15.05	61.0	SO312	.03090	9.3096	3.8	A
9003	62096.77	35 4ON	97 28W	97.2	187.9	2.170	-41.30	66.8	SO312	.03090	7.3965	3.0	F
9004	62136.37	32 4ON	96 48W	75.3	187.6	2.872	-1.40	69.2	SO312	.03090	9.6147	0.6	F
9005	62141.77	32 4ON	96 48W	75.4	187.6	2.872	-0.70	69.2	SO312	.03090	9.5900	0.6	A
9006	62352.57	18 2IN	100 16W	84.8	186.8	3.211	-24.15	71.4	SO312	.03090	8.5180	0.8	A
9007	62369.57	16 5ON	99 54W	78.9	186.7	3.211	0.70	71.7	SO312	.03090	9.2601	0.6	V
9008	62372.57	16 5ON	99 54W	80.0	186.7	3.211	1.40	71.7	SO312	.03090	9.0127	0.6	A
423 5001	67419.37	34 16N	118 10W	77.3	187.8	2.733	13.30	68.6	SO312	.03150	9.4652	8.0	V
9001	67419.37	34 16N	118 10W	77.3	187.8	2.733	13.30	68.6	SO312	.03090	9.4663	7.8	V
427 5001	2832.76	5 2ES	145 49E	93.5	186.5	3.211	7.70	57.9	SD312	.02260	7.6513	0.6	A
5002	2843.76	5 2ES	145 32E	90.8	186.5	3.439	3.15	57.0	SO312	.02260	7.9893	0.8	V
5003	2854.36	5 0ES	145 49E	98.0	186.5	2.872	17.15	56.8	SO312	.02260	7.2967	0.6	A
9001	1751.76	68 4N	166 34E	77.2	197.5	1.332	-5.25	40.4	SO312	.03090	9.3591	0.8	F
9002	1757.16	68 5N	166 34E	77.0	197.2	1.332	-4.90	40.4	SO312	.03090	9.4003	0.8	A
428 9001	7351.36	48 24N	135 5E	77.3	189.7	2.385	13.30	58.3	SO312	.03090	9.3920	0.6	F
9002	7354.16	48 24N	135 5E	76.5	189.7	2.385	13.65	58.3	SO312	.03090	9.5817	1.0	V
9003	7356.96	48 12N	135 1E	76.5	189.7	2.385	13.65	58.5	SO312	.03090	9.5900	0.4	V
9004	7359.76	48 12N	135 2E	77.6	189.6	2.385	14.35	58.5	SO312	.03090	9.3178	0.4	A
9005	7366.96	47 59N	134 45E	76.8	189.5	2.385	12.25	59.0	SO312	.03090	9.4164	0.6	A
9006	7392.56	45 4ON	133 37E	74.4	189.2	2.511	-5.95	60.4	SO312	.03090	9.7301	0.4	F
9007	7397.96	45 29N	133 26E	74.0	189.2	2.511	-9.80	60.5	SO312	.03090	9.8951	0.6	V
9008	7408.76	44 3ON	133 29E	74.3	189.0	2.511	0.35	61.3	SO312	.03090	9.7549	0.6	F
9009	7411.56	44 31N	133 29E	73.4	189.0	2.511	0.70	61.3	SO312	.03090	9.9858	0.4	V
9010	7414.16	44 31N	133 29E	74.3	189.0	2.511	1.05	61.3	SO312	.03090	9.7466	0.4	A
9011	7419.56	44 10N	133 16E	74.3	188.9	2.511	-2.45	61.6	SO312	.03090	9.7549	0.4	A
9012	7428.16	43 28N	132 28E	78.3	188.8	2.385	-22.40	61.9	SO312	.03090	9.3508	0.4	V
9013	7430.96	43 28N	132 28E	79.1	188.8	2.385	-22.05	61.9	SO312	.03090	9.1777	0.4	A
9014	7435.36	42 56N	132 23E	77.5	188.8	2.385	-20.65	62.3	SO312	.03090	9.4498	1.6	V
9015	7439.16	42 54N	132 22E	78.3	188.7	2.385	-20.30	62.3	SO312	.03090	9.2684	0.6	A
9016	8456.56	27 1ES	119 55E	110.6	187.2	2.872	11.55	38.6	SO312	.03090	6.5059	0.6	V
9017	8460.56	27 0S	119 55E	112.4	187.2	2.872	11.90	38.7	SO312	.03090	6.2916	0.6	A
429 5001	12314.95	71 4ON	128 52E	89.1	200.9	1.113	27.65	36.9	SO312	.02260	8.1130	1.4	A
9001	12308.35	71 4ON	128 55E	89.4	201.4	1.113	27.65	36.9	SO312	.03090	8.0727	0.6	F
9002	12311.55	71 4ON	128 55E	88.6	201.1	1.113	28.00	36.9	SO312	.03090	8.2459	0.6	V
9003	12324.35	70 47N	126 59E	83.9	200.2	1.332	20.30	37.9	SO312	.03090	8.6252	0.6	F
9004	12327.35	70 47N	126 59E	82.9	200.0	1.113	20.65	37.9	SO312	.03090	8.8396	0.6	V
9005	12330.35	70 47N	127 0E	84.0	199.8	1.113	21.00	37.9	SD312	.03090	8.6169	0.6	A

Handle via
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BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
429 9006	12595.35	52 54N	113 39E	75.1	190.7	2.170	-11.20	54.3	SO312	.03090	9.6412	0.8	F
9007	12600.75	52 50N	113 39E	74.9	190.6	2.170	-10.50	54.3	SO312	.03090	9.6307	0.8	A
9008	12604.95	51 59N	113 5E	77.1	190.5	2.170	-17.85	55.0	SO312	.03090	9.3591	0.4	F
9009	12611.75	51 59N	113 5E	76.1	190.4	2.170	-17.50	55.0	SO312	.03090	9.6229	0.4	V
9010	12614.55	51 59N	113 5E	76.8	190.4	2.170	-17.15	55.0	SO312	.03090	9.4415	0.4	A
9011	12618.15	51 54N	113 3E	74.9	190.3	2.170	-14.00	55.5	SO312	.03090	9.7714	0.4	V
9012	12620.95	51 54N	113 3E	75.7	190.3	2.170	-13.65	55.5	SO312	.03090	9.5735	1.0	A
9013	12623.95	51 50N	112 58E	75.7	190.2	2.170	-14.00	55.6	SO312	.03090	9.5735	0.4	A
9014	12724.35	44 50N	112 6E	83.2	189.0	2.170	25.20	61.8	SO312	.03090	8.6911	0.8	A
9015	12733.95	43 41N	111 60E	85.4	188.9	2.170	27.65	62.3	SO312	.03090	8.4603	0.6	A
9016	12935.15	29 55N	107 30E	76.5	187.4	3.090	-10.50	70.5	SO312	.03090	9.4498	1.0	F
9017	12940.75	29 55N	107 30E	76.5	187.4	3.090	-9.80	70.6	SO312	.03090	9.4580	0.3	A
9018	12958.35	28 1N	106 50E	80.4	187.3	2.872	-23.10	70.8	SO312	.03090	8.9550	0.4	F
9019	12962.55	27 46N	106 53E	79.0	187.3	3.090	-19.25	71.0	SO312	.03090	9.1364	0.4	F
9020	12976.15	26 47N	106 47E	77.8	187.2	3.090	-16.10	71.3	SO312	.03090	9.2849	0.4	F
9021	12978.95	26 47N	106 48E	76.7	187.2	3.090	-15.40	71.4	SO312	.03090	9.5405	0.4	V
9022	12985.15	26 24N	106 16E	85.4	187.2	2.872	-30.80	71.1	SO312	.03090	8.5510	0.6	V
9023	12988.15	26 24N	106 16E	86.3	187.2	3.090	-30.80	71.1	SO312	.03090	8.4025	0.8	A
9024	13000.95	23 20N	106 36E	77.9	187.0	3.211	4.20	72.4	SO312	.03090	9.2601	0.4	A
9025	13300.35	4 48N	103 26E	88.2	186.4	3.211	18.65	65.8	SO312	.03090	8.1222	0.6	A
9026	13344.95	1 22N	102 10E	89.4	186.4	3.574	-16.10	62.9	SO312	.03090	8.0315	0.6	F
430 5001	18082.15	40 45N	89 4E	84.6	188.5	2.385	27.30	64.6	SO312	.02260	8.6554	0.6	V
5002	18095.15	40 44N	89 4E	86.1	188.5	2.170	28.00	64.6	SO312	.02260	8.4098	0.8	A
9001	17740.55	63 48N	97 34E	76.8	194.7	1.687	5.95	44.6	SO312	.03090	9.4250	0.6	F
9002	17743.35	63 43N	97 34E	75.9	194.6	1.475	6.30	44.6	SO312	.03090	9.6559	0.6	V
9003	17829.95	57 54N	93 7E	79.6	192.1	1.687	-20.65	49.8	SO312	.03090	9.0705	0.8	F
9004	17832.95	57 54N	93 7E	78.5	192.1	1.687	-20.30	49.8	SO312	.03090	9.3343	0.4	V
9005	17851.75	56 49N	93 36E	75.9	191.7	2.033	7.00	51.4	SO312	.03090	9.5487	0.6	F
9006	17856.95	56 40N	93 22E	74.4	191.6	2.033	3.50	51.6	SO312	.03090	9.8456	0.6	V
9007	17859.75	56 40N	93 22E	75.3	191.6	2.033	3.85	51.6	SO312	.03090	9.6147	0.6	A
9008	17905.95	53 6N	91 26E	76.5	190.6	2.170	-15.05	54.1	SO312	.03090	9.4828	0.6	A
9009	17908.35	52 52N	91 23E	76.3	190.6	2.170	-14.00	54.3	SO312	.03090	9.4992	0.8	A
9010	18068.75	41 44N	88 24E	72.9	188.8	2.733	-2.45	63.5	SO312	.03090	10.0517	0.6	V
9011	18071.55	41 44N	88 24E	73.8	188.8	2.733	-2.10	63.5	SO312	.03090	9.8126	0.6	A
9012	18082.15	40 45N	89 3E	84.6	188.5	2.385	27.30	64.6	SO312	.03090	8.6664	0.6	V
9013	18085.15	40 43N	89 4E	86.0	188.5	2.170	28.00	64.6	SO312	.03090	8.4108	0.8	A
9014	18340.15	20 34N	83 27E	80.6	186.8	3.439	-16.10	72.0	SO312	.03090	8.9715	1.2	A
9015	18400.55	18 48N	82 50E	84.5	186.5	3.090	-27.30	71.5	SO312	.03090	8.5201	0.6	F
9016	18403.75	18 48N	82 50E	85.4	186.8	3.090	-26.95	71.5	SO312	.03090	8.5592	0.4	V
9017	18406.95	18 45N	82 50E	86.0	186.8	3.090	-26.25	71.5	SO312	.03090	8.4108	0.4	A
9018	18414.75	17 44N	83 17E	79.5	186.7	3.439	-2.80	71.9	SO312	.03090	9.0752	1.0	F
9019	18420.55	17 44N	83 17E	79.7	186.7	3.439	-1.75	71.9	SO312	.03090	9.0457	1.0	A
431 5001	23333.35	44 54N	66 16E	81.8	189.0	2.170	-26.60	61.0	SO312	.02260	8.8220	1.2	F
5002	23339.15	44 54N	66 16E	81.5	189.0	2.385	-26.25	61.0	SO312	.02260	8.9210	1.4	A
5003	23356.15	42 49N	67 27E	83.8	188.8	2.511	24.50	63.0	SO312	.02260	8.6901	1.0	F
5004	23359.15	42 49N	67 27E	83.1	188.8	2.511	24.85	63.0	SO312	.02260	8.8565	1.0	V
9001	23099.55	60 56N	71 53E	86.3	193.1	1.475	-30.10	47.1	SO312	.03090	8.4190	0.6	A
9002	23102.15	54 54N	69 17E	84.3	191.2	1.687	-31.15	52.4	SO312	.03090	8.3613	0.6	F
9003	23105.35	54 54N	69 17E	84.9	191.1	1.687	-30.80	52.4	SO312	.03090	8.6252	0.4	V
9004	23109.95	54 54N	69 20E	82.1	191.1	1.687	-27.30	52.7	SO312	.03090	8.9138	0.4	V
9005	23192.95	54 54N	69 20E	82.8	191.0	2.033	-27.30	52.8	SO312	.03090	8.7654	0.4	A
9006	23204.35	47 55N	67 37E	76.2	189.6	2.385	-15.40	58.5	SO312	.03090	9.4828	0.6	F
9007	23207.15	47 55N	67 37E	75.2	189.6	2.385	-15.05	58.5	SO312	.03090	9.7584	0.4	V
9008	23209.95	47 52N	67 37E	76.0	189.5	2.385	-14.70	58.5	SO312	.03090	9.5405	0.4	A
9009	23293.95	47 26N	67 29E	75.2	189.5	2.385	-14.70	58.9	SO312	.03090	9.7466	1.0	V
9010	23313.75	45 47N	67 50E	76.4	189.2	2.511	10.85	60.5	SO312	.03090	9.4992	0.8	F
9011	23319.15	45 47N	67 50E	76.6	189.2	2.385	11.55	60.5	SO312	.03090	9.4498	1.0	A
9012	23333.35	44 55N	66 16E	81.8	189.0	2.170	-26.60	61.0	SO312	.03090	8.8231	0.8	F
9013	23339.15	44 54N	66 16E	81.5	189.0	2.385	-26.25	61.0	SO312	.03090	8.9220	0.8	A
9014	23395.55	40 24N	65 59E	72.7	188.4	2.733	-0.70	64.5	SO312	.03090	10.0765	0.4	V
9015	23401.95	39 49N	65 33E	75.3	188.4	2.733	-11.55	64.8	SO312	.03090	9.5382	0.4	F
9016	23404.55	39 49N	65 33E	74.4	188.4	2.733	-11.20	64.8	SO312	.03090	9.8456	0.6	V
9017	23407.35	39 49N	65 32E	75.3	188.3	2.733	-10.85	64.8	SO312	.03090	9.6312	0.4	A
9018	23414.95	38 57N	65 3E	78.8	188.3	2.511	-21.00	65.2	SO312	.03090	9.1612	0.8	F
9019	23420.55	38 57N	65 2E	78.6	188.2	2.733	-20.65	65.2	SO312	.03090	9.2354	1.0	A
9020	23444.95	37 4N	64 41E	76.8	188.0	2.733	-18.20	66.5	SO312	.03090	9.5405	0.4	V
9021	23513.55	32 10N	63 26E	80.7	187.6	2.733	-23.80	69.2	SO312	.03090	8.9385	0.4	F
9022	23525.95	31 26N	64 22E	79.7	187.5	2.733	16.10	70.2	SO312	.03090	9.0540	1.0	A
9023	23564.95	28 50N	62 43E	81.0	187.3	2.872	-24.50	70.5	SO312	.03090	9.0292	0.8	V
9024	23619.35	25 6N	61 49E	85.9	187.1	2.872	-29.75	71.4	SO312	.03090	8.5015	1.0	V
432 5001	29623.55	22 21S	30 53E	118.8	187.0	3.439	-31.15	42.3	SO312	.02260	6.0105	1.0	A
9001	28359.95	63 56N	53 41E	79.4	194.6	1.475	15.05	44.8	SO312	.03090	9.3591	0.6	V
9002	28364.35	63 51N	53 19E	77.3	194.4	1.475	9.45	44.9	SO312	.03090	9.3673	0.6	A
9003	28472.55	55 55N	49 8E	75.6	191.5	2.033	5.60	51.8	SO312	.03090	9.5817	0.6	F
9004	28475.35	55 53N	49 8E	74.8	191.5	2.033	5.95	51.9	SO312	.03090	9.8043	0.6	V
9005	28478.95	55 49N	49 12E	76.2	191.4	2.033	8.75	51.9	SO312	.03090	9.4992	0.8	A
9006	28494.55	54 45N	48 20E	74.9	191.1	2.170	0.70	53.1	SO312	.03090	9.6807	0.4	F
9007	28497.15	54 45N	48 20E	73.9	191.1	2.170	1.05	53.1	SO312	.03090	9.9115	0.4	V
9008	28500.95	54 40N	48 22E	75.0	191.0	2.170	3.15	53.2	SO312	.03090	9.6559	2.4	A

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
432 9009	28511.35	53 12N	48 29E	79.1	190.8	2.170	16.80	54.3	SO312	.03090	9.1859	0.6	F
9010	28514.75	53 10N	48 22E	77.2	190.7	2.170	14.70	54.3	SO312	.03090	9.5075	0.6	V
9011	28517.55	53 10N	48 22E	78.2	190.7	2.170	15.05	54.3	SO312	.03090	9.2519	0.6	A
9012	28520.35	52 8N	47 16E	74.7	190.5	2.170	-4.90	55.1	SO312	.03090	9.6889	1.8	F
9013	28533.75	52 8N	47 16E	74.6	190.4	2.170	-4.20	55.1	SO312	.03090	9.7054	1.8	A
9014	28542.35	51 27N	46 16E	79.9	190.3	2.033	-24.50	55.5	SO312	.03090	9.1612	0.6	V
9015	28545.35	51 27N	46 15E	80.9	190.2	2.033	-24.50	55.5	SO312	.03090	8.9797	0.6	A
9016	28557.75	50 6N	46 54E	75.1	190.1	2.385	4.90	56.9	SO312	.03090	9.6477	1.0	F
9017	28563.15	50 6N	46 54E	75.2	190.0	2.385	5.60	56.9	SO312	.03090	9.6229	1.0	A
9018	28576.75	48 49N	46 20E	74.6	189.8	2.385	0.70	57.9	SO312	.03090	9.7136	0.4	F
9019	28579.35	48 49N	46 20E	73.7	189.8	2.385	1.05	57.9	SO312	.03090	9.9363	0.6	V
9020	28583.15	48 48N	46 15E	74.7	189.7	2.385	2.45	58.3	SO312	.03090	9.6972	1.4	F
9021	28588.55	48 42N	46 15E	74.8	189.6	2.385	3.15	58.3	SO312	.03090	9.6807	1.4	A
9022	28605.75	46 55N	44 58E	79.4	189.4	2.170	-22.40	59.2	SO312	.03090	9.0787	0.8	F
9023	28611.35	46 55N	44 58E	79.1	189.4	2.385	-22.05	59.2	SO312	.03090	9.1694	1.0	A
9024	28617.75	46 7N	44 17E	87.9	189.3	2.170	-33.95	59.7	SO312	.03090	8.1881	1.4	F
9025	28623.95	46 7N	44 20E	86.1	189.2	2.385	-32.20	59.8	SO312	.03090	8.4355	1.4	A
9026	28635.95	44 52N	44 3E	85.6	189.1	2.170	-31.50	60.7	SO312	.03090	8.4025	0.8	F
9027	28642.15	44 52N	44 2E	85.5	189.0	2.385	-31.50	60.7	SO312	.03090	8.4352	0.8	A
9028	28650.35	43 49N	44 37E	74.6	188.9	2.511	-6.65	61.9	SO312	.03090	9.6972	0.6	F
9029	28655.75	43 49N	44 36E	74.6	188.9	2.734	-6.30	61.9	SO312	.03090	9.7136	0.6	A
9030	28659.75	43 9N	44 33E	74.2	188.8	2.737	-2.80	62.4	SO312	.03090	9.7549	0.6	F
9031	28666.35	43 8N	44 42E	74.6	188.8	2.511	3.85	62.6	SO312	.03090	9.7054	1.0	A
9032	28677.55	41 52N	44 45E	79.2	188.7	2.511	15.40	63.6	SO312	.03090	9.2931	1.0	F
9033	28680.75	41 50N	44 45E	77.4	188.6	2.511	15.75	63.6	SO312	.03090	9.4745	0.6	V
9034	28683.55	41 50N	44 45E	78.5	188.6	2.511	16.10	63.6	SO312	.03090	9.2106	0.6	A
9035	28688.55	41 29N	44 48E	81.0	188.5	2.385	20.65	64.0	SO312	.03090	8.9220	0.8	A
9036	28693.35	40 53N	44 24E	75.4	188.5	2.385	12.25	64.2	SO312	.03090	9.7219	0.4	V
9037	28696.15	40 53N	44 24E	76.4	188.5	2.385	12.60	64.2	SO312	.03090	9.4580	0.4	A
9038	28701.95	40 10N	44 9E	76.1	188.4	2.733	10.15	64.8	SO312	.03090	9.5322	1.0	F
9039	28707.55	40 12N	44 9E	76.4	188.4	2.733	10.85	64.8	SO312	.03090	9.4663	0.8	A
9040	28930.75	24 54N	39 42E	84.6	187.1	2.872	-26.95	71.5	SO312	.03090	8.5015	0.8	F
9041	28974.55	21 56N	39 11E	84.9	186.9	3.090	-25.55	71.8	SO312	.03090	8.4850	1.6	F
9042	28980.75	21 56N	39 10E	84.5	186.9	3.211	-24.85	71.8	SO312	.03090	8.5510	0.6	A
9043	29034.75	17 54N	38 51E	79.2	186.7	3.439	-9.45	71.7	SO312	.03090	9.2189	1.0	V
9044	29040.75	17 54N	38 33E	83.2	186.7	3.439	-19.95	71.4	SO312	.03090	8.6829	1.2	A
9045	29061.95	15 27N	38 56E	81.1	186.7	3.211	9.45	71.5	SO312	.03090	8.9220	0.4	F
9046	29067.55	15 26N	38 51E	81.8	186.7	3.211	6.65	71.4	SO312	.03090	8.7983	0.8	A
9047	29288.75	0 19N	35 55E	87.6	186.4	3.574	-4.55	62.3	SO312	.03090	8.1881	1.2	A
9048	29302.55	1 16S	36 49E	111.7	186.4	2.511	34.30	61.8	SO312	.03090	6.4482	0.8	F
9049	29306.55	1 16S	36 49E	111.1	186.4	2.511	34.65	61.9	SO312	.03090	6.5142	0.8	V
9050	29330.75	2 59S	35 1E	92.2	186.4	3.574	-17.85	59.4	SO312	.03090	7.7758	1.2	F
9051	29341.35	3 20S	35 49E	95.0	186.4	3.090	15.75	59.8	SO312	.03090	7.5037	1.0	A
9052	29357.35	4 16S	34 21E	102.8	186.4	3.574	-31.50	58.1	SO312	.03090	7.0007	1.2	A
9053	29421.35	8 54S	33 28E	106.5	186.5	3.439	-32.90	54.2	SO312	.03090	6.8028	0.8	V
9054	29428.75	9 40S	33 16E	110.2	186.5	3.211	-34.30	53.5	SO312	.03090	6.4565	1.0	F
9055	29438.95	9 56S	33 54E	96.1	186.5	3.574	-12.60	53.8	SO312	.03090	7.4377	1.0	A
9056	29514.75	15 54S	32 46E	101.2	186.7	3.439	-16.80	48.7	SO312	.03090	7.0502	1.0	F
9057	29518.55	15 56S	32 45E	100.6	186.7	3.439	-16.80	48.7	SO312	.03090	7.1769	0.8	V
9058	29521.95	15 58S	32 43E	102.6	186.7	3.439	-17.85	48.7	SO312	.03090	6.9595	1.0	A
9059	29598.35	20 54S	31 35E	106.9	186.9	3.439	-20.65	43.8	SO312	.03090	6.7451	0.6	V
9060	29602.35	20 56S	31 29E	110.1	186.9	3.439	-23.10	43.7	SO312	.03090	6.4730	1.0	A
9061	29610.75	21 54S	31 30E	108.1	186.9	3.439	-19.25	43.3	SO312	.03090	6.5884	1.0	A
9062	29628.75	22 45S	31 1E	113.8	187.0	3.439	-25.40	42.1	SO312	.03090	6.2536	1.0	A
9063	29646.55	24 52S	30 55E	109.8	187.0	3.211	-19.60	40.5	SO312	.03090	6.4740	0.6	F
9064	29654.95	25 0S	30 25E	118.4	187.1	3.090	-29.40	39.9	SO312	.03090	5.9947	1.0	F
9065	29663.95	25 48S	31 2E	107.2	187.1	3.211	-9.45	39.6	SO312	.03090	6.6296	1.0	F
9066	29671.75	26 16S	31 9E	107.3	187.1	3.211	-2.80	39.2	SO312	.03090	6.6296	0.8	F
9067	29675.75	26 16S	31 9E	106.4	187.2	3.211	-2.10	39.2	SO312	.03090	6.7533	0.8	V
9068	29682.15	26 29S	31 19E	108.6	187.2	3.090	4.20	39.1	SO312	.03090	6.5142	1.0	A
9069	29689.75	26 56S	30 51E	108.0	187.2	3.211	-6.65	38.5	SO312	.03090	6.5554	1.0	A
9070	29697.35	27 40S	29 52E	121.4	187.3	3.439	-30.10	37.7	SO312	.03090	5.8545	1.0	A
9071	29710.35	28 42S	29 46E	117.8	187.3	3.211	-26.60	36.7	SO312	.03090	6.1101	0.6	V
9072	29714.75	28 42S	29 46E	119.0	187.3	3.439	-26.25	36.7	SO312	.03090	5.9700	0.6	A
433 5001	33983.74	42 1N	23 6E	85.2	188.7	2.170	28.00	63.7	SO312	.01710	8.6077	0.4	V
5002	33986.74	42 2N	23 7E	86.6	188.6	2.170	28.35	63.7	SO312	.01710	8.3521	0.6	A
5003	34118.14	32 54N	20 54E	91.3	187.6	2.511	31.50	70.0	SO312	.01710	7.9811	1.2	F
5004	34131.74	32 56N	20 17E	80.3	187.6	2.733	16.45	69.9	SO312	.01710	9.0034	0.4	A
9001	33583.74	69 7N	33 31E	83.7	198.2	0.986	-23.80	39.5	SO312	.03090	8.6169	1.8	F
9002	33587.74	69 8N	33 27E	82.7	198.0	0.986	-23.30	39.5	SO312	.03090	8.9478	0.8	V
9003	33590.74	69 8N	33 28E	83.4	197.9	0.986	-23.45	39.5	SO312	.03090	8.6829	0.8	A
9004	33597.74	68 16N	33 54E	76.2	197.5	1.332	-7.35	40.3	SO312	.03090	9.6064	1.0	V
9005	33601.74	67 49N	33 37E	76.8	197.3	1.332	-5.60	40.8	SO312	.03090	9.4003	0.8	F
9006	33607.14	67 49N	33 38E	76.7	197.0	1.332	-5.25	40.8	SO312	.03090	9.4415	0.8	A
9007	33614.74	67 15N	32 21E	79.0	196.7	1.332	-17.85	41.3	SO312	.03090	9.2601	0.6	V
9008	33617.54	67 15N	32 21E	79.9	196.5	1.332	-17.85	41.3	SO312	.03090	9.0622	0.6	A
9009	33705.54	60 44N	30 8E	82.0	193.6	1.810	21.00	47.6	SO312	.03090	8.8474	0.6	F
9010	33709.54	60 44N	30 7E	81.0	193.2	1.810	21.00	47.6	SO312	.03090	9.0540	0.6	V
9011	33716.34	60 7N	30 30E	91.5	193.0	1.475	33.60	48.2	SO312	.03090	8.0232	0.8	V
9012	33719.74	60 7N	30 31E	92.9	192.9	1.475	33.95	48.2	SO312	.03090	7.7941	0.8	A
9013	33727.74	59 29N	29 5E	77.5	192.7	1.810	14.35	48.7	SO312	.03090	9.4663	0.4	V
9014	33735.54	58 51N	28 1E	75.2	192.5	1.810	-2.80	49.1	SO312	.03090	9.6147	0.6	F
9015	33738.34	58 51N	28 0E	74.3	192.4	1.810	-2.80	49.1	SO312	.03090	9.8538	0.6	V
9016	33746.14	58 25N	26 56E	79.5	192.3	1.810	-22.40	49.4	SO312	.03090	9.2106	1.0	V
9017	33751.34	57 50N	27 4E	76.8	192.1	1.810	-14.00	50.0	SO312	.03090	9.4003	0.4	F

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
433 9018	33753.94	57 51N	27 3E	76.0	192.1	1.810	-14.35	50.0	S0312	.03090	9.6312	0.6	V
9019	33757.14	57 26N	26 52E	77.0	192.0	1.810	-14.70	50.3	S0312	.03090	9.3838	0.6	F
9020	33760.94	57 26N	26 51E	76.1	191.9	1.810	-14.70	50.3	S0312	.03090	9.6229	0.6	V
9021	33767.14	56 48N	26 4E	82.4	191.8	1.687	-25.90	50.8	S0312	.03090	8.7571	0.6	F
9022	33770.14	56 48N	26 5E	81.2	191.7	1.687	-25.55	50.8	S0312	.03090	9.0210	0.4	V
9023	33778.14	55 58N	26 41E	74.9	191.5	2.033	-3.85	51.7	S0312	.03090	9.6642	1.0	F
9024	33783.54	55 50N	26 41E	74.8	191.4	2.033	-3.15	51.7	S0312	.03090	9.6807	0.8	A
9025	33789.14	55 42N	26 52E	75.0	191.3	2.033	7.70	52.3	S0312	.03090	9.7714	0.6	V
9026	33791.94	55 41N	26 52E	75.9	191.3	2.033	8.05	52.4	S0312	.03090	9.5322	0.6	A
9027	33797.74	54 57N	26 23E	75.0	191.2	2.170	2.80	53.0	S0312	.03090	9.6559	0.8	F
9028	33802.94	54 50N	26 23E	75.0	191.1	2.033	3.50	53.0	S0312	.03090	9.6477	0.6	A
9029	33967.14	43 19N	21 57E	77.0	188.8	2.511	-19.60	62.1	S0312	.03090	9.5075	0.6	V
9030	33969.94	43 19N	21 57E	77.7	188.8	2.511	-19.25	62.1	S0312	.03090	9.3178	0.6	A
9031	34006.54	40 39N	20 59E	81.6	188.5	2.385	-28.00	63.9	S0312	.03090	8.9797	0.6	V
9032	34009.54	40 36N	20 59E	82.3	188.4	2.385	-27.65	64.0	S0312	.03090	8.8241	0.6	A
9033	34123.94	32 11N	20 37E	86.0	187.6	2.511	25.90	70.1	S0312	.03090	8.4520	0.4	F
9034	34126.94	32 12N	20 37E	85.4	187.6	2.511	26.25	70.1	S0312	.03090	8.5839	0.4	V
9035	34153.94	30 52N	18 32E	88.2	187.4	2.733	-33.95	69.7	S0312	.03090	8.2871	0.8	V
9036	34157.94	30 50N	18 35E	87.4	187.4	2.733	-31.85	69.8	S0312	.03090	8.2953	0.4	A
9037	34171.94	29 4N	18 27E	84.4	187.4	2.872	-28.00	70.4	S0312	.03090	8.5262	0.8	F
9038	34177.94	28 57N	18 44E	78.1	187.3	3.090	-15.40	70.8	S0312	.03090	9.2436	1.0	F
9039	34184.34	28 52N	19 1E	76.4	187.3	3.090	-2.80	71.1	S0312	.03090	9.4580	0.8	A
9040	34247.94	21 29N	17 4E	83.8	186.9	3.211	-24.50	71.8	S0312	.03090	8.6252	1.0	A
9041	34534.14	4 30N	14 23E	86.3	186.4	3.574	-10.85	65.2	S0312	.03090	8.3283	1.0	A
434 9001	39039.74	58 39N	5 46E	75.6	192.5	1.810	-7.70	49.0	S0312	.05390	9.5725	0.8	F
9002	39043.74	58 30N	5 46E	74.5	192.5	1.810	-6.30	49.1	S0312	.05390	9.8279	0.6	V
9003	39720.94	12 32N	6 47W	89.4	186.6	3.211	-28.35	69.4	S0312	.01710	8.1460	0.6	V
9001	39146.14	49 1N	1 56E	74.6	189.8	2.385	-6.65	57.7	S0312	.03090	9.6972	0.6	F
9002	39191.54	46 1N	1 56E	74.6	189.8	2.385	-5.95	57.7	S0312	.03090	9.7136	0.6	A
9003	39235.74	45 43N	0 14E	82.2	189.2	2.170	-26.05	60.2	S0312	.03090	8.7554	0.8	F
9004	39241.14	45 43N	0 14E	81.8	189.2	2.385	-26.60	60.2	S0312	.03090	8.8443	1.0	A
9005	39389.54	35 3N	1 27W	75.9	187.9	2.872	5.60	68.1	S0312	.03090	9.5570	0.6	F
9006	39392.34	35 2N	1 27W	75.1	187.8	2.872	5.95	68.2	S0312	.03090	9.7549	0.6	V
9007	39441.74	31 59N	2 12W	75.8	187.5	2.872	5.95	70.0	S0312	.03090	9.6642	0.6	V
9008	39450.14	30 57N	3 2W	74.1	187.5	2.872	-19.45	69.8	S0312	.03090	9.1190	0.8	F
9009	39453.14	30 56N	3 2W	78.1	187.5	2.872	-19.60	69.8	S0312	.03090	9.3673	0.6	V
9010	39709.74	13 40N	6 16W	85.2	186.5	3.459	-15.40	70.2	S0312	.03090	8.6064	0.8	A
436 9001	50527.33	0 51S	52 36W	88.9	186.4	3.459	0.00	61.4	S0312	.03090	8.0562	1.0	A
9002	50536.73	1 42S	52 14W	94.8	186.4	2.872	18.55	61.1	S0312	.03090	7.6686	1.0	V
9003	50553.73	3 16S	52 15W	102.4	186.4	2.872	25.55	60.0	S0312	.03090	7.0502	1.0	F
9004	50978.53	32 1S	58 49W	113.1	187.6	3.090	-11.90	33.6	S0312	.03090	6.2751	1.0	F
9005	50984.33	31 49S	59 1W	115.9	187.5	3.211	-17.15	33.7	S0312	.03090	6.1184	0.6	A
9006	50992.73	32 29S	58 15W	114.2	187.6	2.733	6.65	33.5	S0312	.03090	6.1761	0.8	A
9007	50995.73	32 41S	58 18W	114.4	187.7	2.733	6.65	33.3	S0312	.03090	6.1479	1.0	A
9008	51002.73	33 22S	59 10W	113.5	187.7	3.090	-12.60	32.4	S0312	.03090	6.3163	0.3	V
9009	51007.13	33 57S	59 12W	114.4	187.7	3.090	-10.50	31.8	S0312	.03090	6.2008	0.6	F
9010	51011.33	33 57S	59 13W	113.2	187.7	3.090	-10.15	31.8	S0312	.03090	6.3428	0.6	V
9011	51017.93	34 29S	58 33W	115.2	187.8	2.872	9.10	31.7	S0312	.03090	6.2173	0.8	V
9012	51022.33	34 29S	58 34W	117.1	187.8	2.511	9.80	31.7	S0312	.03090	6.0194	0.6	A
437 9001	55818.73	0 11S	74 46W	87.6	186.4	3.574	-8.05	61.8	S0312	.03090	8.3836	0.6	V
9002	55821.93	0 11S	74 46W	88.7	186.4	3.574	-7.35	61.8	S0312	.03090	8.0692	0.6	A
9003	55870.33	3 30S	74 45W	95.5	186.4	3.090	15.40	59.5	S0312	.03090	7.4790	1.0	A
9004	55973.53	10 49S	76 14W	93.4	186.5	3.211	6.65	53.2	S0312	.03090	7.7593	0.8	V
9005	55984.93	11 40S	77 9W	100.1	186.6	3.574	-20.30	52.0	S0312	.03090	7.1526	0.6	F
9006	55992.73	12 4S	77 0W	96.5	186.6	3.574	-13.30	51.8	S0312	.03090	7.4355	0.4	V
9007	55996.33	12 4S	77 0W	97.7	186.6	3.574	-12.60	51.8	S0312	.03090	7.3141	0.4	A
9008	55997.33	12 8S	77 1W	97.7	186.6	3.574	-12.60	51.8	S0312	.03090	7.3058	0.8	A
43A 5001	60504.53	42 14N	87 50W	76.6	188.7	2.511	13.65	63.4	S0312	.03150	9.5906	7.8	V
9001	60504.33	42 15N	87 50W	76.6	188.7	2.511	13.65	63.4	S0312	.03090	9.5417	8.0	V
9002	60554.53	38 43N	90 15W	89.8	188.2	2.385	-35.70	65.2	S0312	.03090	8.0232	3.0	F
443 9001	477.51	55 15N	165 58E	79.0	191.3	2.033	15.40	52.7	S0312	.03090	9.2684	0.4	V
9002	480.31	55 15N	165 58E	80.0	191.3	2.033	15.75	52.7	S0312	.03090	9.0875	0.4	A
445 9001	10964.51	63 43N	125 34E	79.2	194.7	1.475	1.75	44.9	S0312	.04090	9.1199	0.4	F
9002	10970.11	63 43N	125 34E	79.0	194.5	1.475	2.10	44.9	S0312	.04090	9.1529	0.4	A
9003	11116.31	53 49N	120 56E	77.2	190.9	2.033	10.50	53.9	S0312	.03090	9.3673	0.6	A
9004	11153.51	51 20N	119 35E	74.6	190.3	2.170	-0.70	56.0	S0312	.04090	9.7136	0.4	A
9005	11165.11	50 28N	118 39E	76.8	190.1	2.033	-18.55	56.6	S0312	.04090	9.5405	0.6	V
9006	11176.91	49 15N	119 50E	83.4	189.9	2.385	24.50	58.0	S0312	.03090	8.7076	0.8	F
9007	11180.51	49 16N	119 43E	81.0	189.9	2.170	22.75	58.0	S0312	.03090	9.0457	1.0	V
9008	11184.71	49 8N	119 34E	80.0	189.5	2.170	19.95	58.0	S0312	.03090	9.0292	0.4	A
9009	11258.91	43 58N	118 10E	84.9	188.9	2.511	28.00	62.6	S0312	.04090	8.5757	0.8	F
9010	11265.11	43 30N	118 4E	82.9	188.9	2.385	25.90	62.6	S0312	.03090	8.7159	0.6	A
9011	11294.11	41 21N	116 37E	72.6	188.6	2.733	-1.05	64.0	S0312	.03090	9.9858	0.6	F
9012	11301.71	40 56N	115 51E	77.3	189.5	2.511	-22.75	64.0	S0312	.03090	9.3426	0.4	F

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445 9013	11306.71	40 31N	116 4E	73.5	188.5	2.733	-12.60	64.4	S0312	.03090	9.8373	0.4	F
9014	11309.31	40 32N	116 4E	72.6	188.5	2.733	-12.25	64.4	S0312	.03090	10.1095	0.4	V
9015	11314.31	39 59N	116 11E	72.7	188.4	2.733	-3.85	64.9	S0312	.03090	9.9610	2.6	F
9016	11320.71	39 54N	116 10E	72.7	188.4	2.733	-2.80	65.0	S0312	.03090	9.9858	1.4	A
9017	11326.51	39 20N	115 51E	72.3	188.3	2.733	-9.45	65.3	S0312	.03090	10.1507	1.4	V
9018	11334.51	39 2N	115 18E	78.7	183.2	2.733	-25.20	65.3	S0312	.03090	9.2436	1.6	A
9019	11653.11	16 04N	111 36E	75.2	186.7	3.211	9.10	71.8	S0312	.03090	9.6559	0.4	F
9020	11644.51	15 49N	111 12E	73.8	186.7	3.439	-2.10	71.3	S0312	.04090	9.8291	0.6	F
9021	11669.91	15 49N	111 12E	73.9	186.7	3.439	-1.05	71.4	S0312	.04090	9.7879	0.6	A
9022	11878.31	1 26N	109 18E	88.9	186.4	2.872	24.50	63.5	S0312	.03090	8.0809	0.4	A
9023	11986.31	6 9S	106 50E	86.7	186.5	3.439	-23.10	56.7	S0312	.03090	8.4108	0.4	V
9024	11989.51	6 9S	106 50E	87.5	186.5	3.439	-22.40	56.7	S0312	.03090	8.2459	0.4	A
446 9001	16774.30	29 40N	91 5E	77.0	187.4	2.872	-28.35	70.3	S0312	.03090	9.5075	0.4	V
9002	16777.11	29 40N	91 5E	77.7	187.4	2.872	-28.00	70.3	S0312	.03090	9.3508	0.4	A
447 5001	21751.30	52 14N	77 6E	92.1	190.5	1.810	33.25	55.5	S0312	.02260	7.8739	0.8	A
9001	21714.30	54 22N	77 22E	81.7	191.1	2.033	19.95	53.5	S0312	.03090	8.8726	0.6	F
9002	21717.30	54 22N	77 22E	80.9	191.1	2.033	20.30	53.5	S0312	.03090	9.0540	0.6	V
9003	21742.30	52 20N	76 57E	87.2	190.6	2.170	28.00	55.3	S0312	.03090	8.3366	1.0	F
9004	21746.30	52 8N	76 53E	88.1	190.6	2.170	29.05	55.6	S0312	.03090	8.2541	0.6	F
9005	21823.10	46 53N	75 1E	86.6	189.5	2.345	29.05	60.0	S0312	.03090	8.3860	0.8	F
9006	21826.10	46 53N	75 1E	85.7	189.4	2.170	29.40	60.0	S0312	.03090	8.5757	0.8	V
9007	21838.30	46 4N	73 28E	73.9	189.3	2.511	-8.40	60.3	S0312	.03090	9.7879	0.6	F
9008	21840.90	45 53N	73 24E	73.9	189.3	2.511	-8.75	60.4	S0312	.03090	9.7879	0.4	F
9009	21843.50	45 53N	73 24E	72.9	189.2	2.511	-8.40	60.4	S0312	.04090	10.0517	0.4	V
9010	21846.30	45 53N	73 24E	73.7	189.2	2.511	-8.05	60.4	S0312	.04090	9.8373	0.4	A
9011	21882.70	43 0N	72 44E	72.8	188.8	2.733	-4.55	62.7	S0312	.03090	9.9445	0.8	F
9012	21887.90	43 1N	72 44E	72.7	188.8	2.733	-3.85	62.7	S0312	.03090	9.9693	1.0	A
9013	21900.90	41 42N	72 49E	73.7	188.6	2.733	10.50	63.9	S0312	.03090	9.8456	0.4	F
9014	21907.10	41 26N	73 0E	76.1	188.6	2.511	19.60	64.2	S0312	.03090	9.6559	0.4	V
9015	21915.30	40 43N	72 18E	72.7	188.5	2.733	1.05	64.5	S0312	.03090	9.9693	0.6	F
9016	21920.50	40 43N	72 18E	72.7	188.5	2.733	1.75	64.5	S0312	.03090	9.9693	0.6	A
9017	21930.30	40 11N	71 19E	79.3	186.4	2.511	-26.95	64.5	S0312	.03090	9.1777	0.4	A
9018	22010.70	34 20N	70 36E	71.1	187.8	2.872	-4.90	68.5	S0312	.03090	10.3156	0.4	V
9019	22013.30	34 20N	70 36E	72.0	187.8	3.090	-4.90	68.5	S0312	.03090	10.0765	0.4	A
9020	22027.90	33 0N	70 32E	72.5	187.7	3.090	3.85	69.4	S0312	.03090	10.0105	0.6	F
9021	22033.10	33 0N	70 32E	72.6	187.6	3.090	4.55	69.4	S0312	.03090	9.9775	0.8	A
9022	22104.70	27 48N	68 52E	75.1	187.3	3.090	-18.90	71.2	S0312	.03090	9.6229	0.6	F
9023	22153.30	24 52N	67 46E	87.1	187.1	2.872	-36.05	71.4	S0312	.03090	8.3448	0.8	A
448 5001	26774.10	71 7N	66 47E	84.8	200.1	1.113	14.70	37.8	S0312	.03150	8.5335	0.4	A
5002	27128.30	47 5N	51 53E	73.8	189.5	2.511	-1.75	59.6	S0312	.04150	9.8197	0.6	F
5003	27151.90	45 25N	51 47E	75.6	189.2	2.511	10.85	61.0	S0312	.03150	9.6146	0.4	F
5004	27154.70	45 25N	51 47E	74.8	189.2	2.511	11.20	61.0	S0312	.03150	9.8114	0.4	V
5005	27164.90	44 59N	50 19E	81.4	189.0	2.170	-27.65	61.2	S0312	.03150	8.8683	0.8	F
5006	27167.70	44 40N	50 19E	80.2	189.0	2.170	-27.30	61.2	S0312	.03150	9.1271	0.6	V
5007	27283.50	36 41N	48 29E	76.2	188.0	2.733	-24.50	66.9	S0312	.03150	9.6501	0.6	V
5008	27339.70	32 33N	48 19E	72.5	187.6	3.090	3.50	69.7	S0312	.03150	10.0093	0.8	F
5009	27361.90	31 5N	47 26E	75.0	187.5	2.872	-18.55	70.0	S0312	.03150	9.6383	0.6	F
5010	27364.90	30 53N	47 49E	72.3	187.5	3.090	0.70	70.5	S0312	.03150	10.0423	0.6	F
5011	27371.50	30 53N	47 49E	71.5	187.5	3.090	1.05	70.5	S0312	.03150	10.2567	0.6	V
5012	27375.50	30 28N	47 40E	72.2	187.4	3.090	-3.50	70.5	S0312	.03150	10.0505	1.2	A
5013	27453.10	24 44N	46 43E	73.1	187.1	3.211	4.55	72.3	S0312	.03150	9.9434	0.6	F
5014	27455.70	24 44N	46 43E	72.3	187.1	3.211	4.90	72.3	S0312	.03150	10.1412	0.8	V
5015	27596.50	15 17N	44 15E	78.4	186.7	3.090	-24.15	74.7	S0312	.03150	9.2438	0.8	A
5016	27670.90	9 40N	43 38E	75.2	186.6	3.439	-9.45	68.4	S0312	.03150	9.6301	0.6	F
5017	27676.30	9 40N	43 38E	75.3	186.6	3.439	-8.40	68.4	S0312	.03150	9.6218	0.6	A
5018	27960.10	10 10S	40 12E	85.1	186.5	3.439	-7.70	53.4	S0312	.04150	8.4675	0.6	F
5019	27966.30	10 10S	40 12E	85.4	186.5	3.439	-6.30	53.4	S0312	.04150	8.4345	0.8	A
5020	27975.10	11 19S	40 22E	86.8	186.6	3.211	6.65	52.7	S0312	.04150	8.3109	0.6	F
9001	26946.10	59 26N	56 46E	77.2	192.7	1.810	1.05	48.9	S0312	.04090	9.3591	1.0	F
9002	26951.70	59 26N	56 46E	77.1	192.6	1.810	1.75	48.9	S0312	.04090	9.3338	0.8	A
9003	26967.50	58 1N	55 55E	76.7	192.2	1.810	-2.45	50.1	S0312	.04090	9.4250	1.0	F
9004	26972.90	58 1N	55 55E	76.5	192.1	1.810	-1.75	50.1	S0312	.04090	9.4580	1.2	A
9005	26979.10	57 45N	55 24E	76.7	192.0	1.810	-4.30	50.8	S0312	.04090	9.4168	0.8	F
9006	26984.50	57 45N	55 24E	76.5	191.8	2.033	-5.95	50.8	S0312	.04090	9.4663	0.8	A
9007	26997.10	56 17N	54 14E	80.7	191.6	1.687	-22.75	51.5	S0312	.04090	9.0705	0.6	V
9008	27000.10	56 17N	54 16E	81.4	191.5	1.687	-22.40	51.5	S0312	.04090	8.9158	0.6	A
9009	27065.50	51 39N	52 19E	83.0	190.3	1.810	-28.70	55.5	S0312	.03090	8.8148	0.8	V
9010	27068.50	51 40N	52 18E	84.0	190.3	2.033	-29.05	55.5	S0312	.03090	8.6417	0.6	A
9011	27133.30	47 0N	51 56E	73.9	189.4	2.511	0.70	59.6	S0312	.04090	9.8126	0.6	A
9012	27177.90	43 36N	51 17E	75.6	188.9	2.733	11.55	62.4	S0312	.03090	9.5982	0.8	F
9013	27183.30	43 36N	51 17E	75.8	188.9	2.511	12.60	62.4	S0312	.03090	9.5570	0.8	A
9014	27220.30	40 50N	49 26E	79.1	188.5	2.385	-25.20	64.1	S0312	.03090	9.1199	0.8	F
9015	27225.90	40 51N	49 26E	78.6	188.5	2.511	-24.50	64.1	S0312	.03090	9.2854	1.0	A
9016	27271.90	37 20N	49 37E	73.8	188.1	2.733	11.20	66.9	S0312	.03090	9.9445	1.4	V
9017	27282.90	36 43N	48 30E	76.2	188.0	2.733	-24.50	66.8	S0312	.03090	9.6312	1.0	V
9018	27306.50	35 11N	49 8E	74.3	187.8	2.733	13.30	68.4	S0312	.03090	9.7384	1.0	A
9019	27326.10	33 51N	48 17E	71.7	187.7	3.090	-6.30	69.0	S0312	.03090	10.1095	1.6	F
9020	27331.10	33 42N	48 17E	71.6	187.7	3.090	-5.25	69.0	S0312	.03090	10.1259	1.8	A
9021	27350.50	31 50N	47 10E	84.4	187.6	2.511	-33.25	69.3	S0312	.03090	8.5427	0.8	F
9022	27353.50	31 50N	47 10E	83.1	187.6	2.511	-32.90	69.3	S0312	.03090	8.8148	0.8	V

Handle via
BYEMAN Channels
BYE-8915/84

Approved for Release: 2021/01/22 C05132886

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4354 COMMAND INFORMATION

REV	FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
448	9023	27379.70	30 10N	47 40E	72.2	187.4	3.090	-1.40	70.7	S0312	.03090	10.0352	1.0	A
	9024	27386.10	29 42N	47 32E	72.2	187.4	3.090	-0.70	71.0	S0312	.03090	10.0517	0.8	F
	9025	27391.30	29 22N	47 32E	72.2	187.4	3.090	0.00	71.0	S0312	.03090	10.0270	0.4	A
	9026	27397.10	28 56N	47 6E	73.0	187.3	3.090	-12.25	71.0	S0312	.03090	9.9115	0.8	F
	9027	27401.30	28 32N	47 4E	72.2	187.3	3.090	-12.25	71.1	S0312	.03090	10.1589	1.0	V
	9028	27408.50	27 50N	47 11E	72.1	187.3	3.090	-1.75	71.5	S0312	.03090	10.0517	0.8	F
	9029	27417.90	27 49N	47 41E	79.4	187.2	2.733	22.05	72.1	S0312	.03090	9.0622	1.4	A
	9030	27424.10	27 3N	47 46E	84.0	187.2	2.511	28.00	72.4	S0312	.03090	8.5922	1.4	A
	9031	27589.30	15 46N	44 11E	80.7	186.7	3.090	-28.35	70.6	S0312	.03090	8.9468	0.4	F
	9032	27592.10	15 24N	44 11E	79.6	186.7	3.090	-28.00	70.6	S0312	.03090	9.2024	0.4	V
	9033	27616.30	13 26N	44 31E	74.1	186.6	3.439	0.00	70.5	S0312	.03090	9.7796	0.8	F
	9034	27624.10	12 51N	44 55E	82.4	186.6	3.090	21.70	70.7	S0312	.03090	8.8231	1.8	F
	9035	27639.90	12 51N	44 55E	83.1	186.6	2.872	22.75	70.7	S0312	.03090	8.6746	1.8	A
	9036	27759.30	3 46N	42 5E	86.7	186.4	3.211	-29.05	64.1	S0312	.03090	8.3036	1.2	F
	9037	27777.30	2 42N	42 19E	79.0	186.4	3.439	-10.85	63.6	S0312	.03090	9.1447	1.0	F
	9038	27926.50	7 55S	39 41E	104.5	186.5	2.872	-39.20	54.8	S0312	.03090	6.8440	1.0	F
	9039	27948.50	8 55S	39 32E	103.3	186.5	3.211	-37.80	54.0	S0312	.03090	6.9842	1.0	A
	9040	27960.90	10 18S	40 11E	85.1	186.5	3.439	-7.70	53.3	S0312	.03090	8.4685	1.0	F
	9041	27975.30	11 20S	40 22E	86.8	186.6	3.211	6.65	52.7	S0312	.03090	8.3118	0.8	F
	9042	27982.10	11 55S	40 13E	85.3	186.6	3.211	2.80	52.4	S0312	.03090	8.5345	0.8	V
	9043	27988.90	11 47S	39 50E	86.6	186.6	3.439	-10.50	52.0	S0312	.03090	8.3056	0.8	A
449	9001	32553.70	39 5N	26 37E	84.1	188.3	2.385	-33.60	65.1	S0312	.01710	8.7066	0.6	V
	9002	32582.50	36 49N	27 5E	72.3	188.0	2.872	-0.35	67.2	S0312	.02260	10.0341	0.6	F
	9003	32592.10	36 27N	28 6E	92.6	188.0	2.170	36.05	68.0	S0312	.01710	7.8244	1.0	A
	9004	32670.90	31 0N	25 28E	73.4	187.5	3.090	-13.65	70.0	S0312	.02260	9.9104	0.6	A
	9005	32769.70	24 16N	23 20E	84.7	187.0	2.511	-39.20	71.4	S0312	.01710	8.1542	0.4	V
	9006	32772.90	24 16N	23 20E	90.6	187.0	2.733	-39.20	71.4	S0312	.01710	8.0348	1.0	A
	9001	32169.30	65 11N	37 2E	81.3	195.4	1.332	-17.50	43.5	S0312	.04090	8.9797	0.5	V
	9002	32172.10	65 12N	37 2E	82.2	195.2	1.332	-17.50	43.4	S0312	.04090	8.7983	0.6	A
	9003	32191.90	63 27N	36 5E	82.5	194.9	1.687	15.75	44.8	S0312	.04090	8.7371	0.6	F
	9004	32217.70	61 47N	34 27E	86.5	193.7	1.332	-26.95	46.6	S0312	.04090	8.5201	0.6	F
	9005	32223.90	61 47N	34 28E	86.0	193.5	1.475	-26.60	46.6	S0312	.04090	8.4190	0.6	A
	9006	32247.90	59 40N	33 25E	86.3	192.8	1.332	-27.65	48.4	S0312	.03090	8.3448	0.6	F
	9007	32256.70	58 40N	33 30E	78.8	192.4	1.687	-14.70	49.6	S0312	.04090	9.1612	0.4	F
	9008	32268.50	58 40N	33 31E	77.6	192.3	1.687	-14.00	49.6	S0312	.04090	9.4333	0.6	V
	9009	32271.30	58 20N	33 30E	78.4	192.2	1.687	-14.00	49.6	S0312	.04090	9.2436	0.6	A
	9010	32276.70	57 54N	33 40E	75.6	192.1	1.810	-4.20	50.2	S0312	.04090	9.6889	0.6	V
	9011	32279.50	57 54N	33 40E	76.4	192.1	1.810	-4.20	50.2	S0312	.04090	9.4828	0.6	A
	9012	32286.30	57 32N	32 37E	82.6	191.9	1.687	-24.15	50.4	S0312	.04090	8.7736	0.4	A
	9013	32287.90	57 26N	32 34E	82.5	191.9	1.687	-24.15	50.5	S0312	.04090	8.7818	0.6	A
	9014	32293.10	56 40N	32 19E	81.8	191.8	1.687	-23.10	51.2	S0312	.04090	8.8866	0.8	F
	9015	32298.90	56 40N	32 20E	81.2	191.6	1.810	-22.40	51.2	S0312	.04090	8.9220	0.6	A
	9016	32316.70	55 8N	33 15E	78.3	191.3	2.033	15.40	52.9	S0312	.04090	9.3508	0.4	V
	9017	32319.50	55 8N	33 16E	79.3	191.2	2.033	15.75	52.9	S0312	.04090	9.1117	0.4	A
	9018	32325.50	54 42N	32 30E	75.8	191.1	2.170	3.50	53.4	S0312	.04090	9.5487	0.8	F
	9019	32330.90	54 22N	32 30E	75.7	191.0	2.170	4.20	53.4	S0312	.04090	9.5570	0.8	A
	9020	32337.90	53 45N	31 50E	74.6	190.9	2.033	-7.00	53.9	S0312	.04090	9.8208	0.4	V
	9021	32341.50	53 45N	31 42E	75.8	190.8	2.033	-9.80	53.9	S0312	.04090	9.5570	0.4	A
	9022	32348.50	52 45N	32 16E	78.2	190.7	2.170	14.00	54.9	S0312	.04090	9.2766	0.4	F
	9023	32356.30	52 26N	31 11E	75.9	190.6	2.170	-11.20	55.1	S0312	.04090	9.5240	0.8	F
	9024	32361.70	52 26N	31 11E	75.6	190.5	2.170	-10.50	55.1	S0312	.04090	9.5900	0.6	A
	9025	32366.90	51 34N	31 19E	74.8	190.4	2.385	0.55	55.8	S0312	.04090	9.6724	0.8	F
	9026	32369.70	51 34N	31 19E	73.9	190.3	2.170	0.70	55.8	S0312	.04090	9.9198	0.6	V
	9027	32378.10	51 19N	30 4E	84.4	190.2	2.033	-29.75	55.8	S0312	.03090	8.5922	0.6	A
	9028	32393.70	49 46N	30 30E	74.4	190.0	2.385	-5.60	57.3	S0312	.04090	9.7219	0.6	F
	9029	32398.90	49 47N	30 30E	74.2	189.9	2.385	-4.90	57.3	S0312	.04090	9.7631	0.8	A
	9030	32411.50	48 45N	30 3E	73.5	189.7	2.385	-8.75	58.1	S0312	.04090	9.9543	0.4	V
	9031	32414.10	48 45N	30 3E	74.3	189.7	2.385	-8.40	58.1	S0312	.04090	9.7631	0.4	A
	9032	32423.90	47 59N	29 57E	72.9	189.6	2.385	-3.50	58.9	S0312	.04090	10.0517	0.6	V
	9033	32426.70	47 52N	29 57E	73.7	189.5	2.385	-3.15	58.9	S0312	.04090	9.8291	0.4	A
	9034	32435.70	46 54N	29 36E	78.8	189.4	2.511	-5.60	59.7	S0312	.04090	9.8043	0.8	F
	9035	32441.10	46 54N	29 36E	73.7	189.4	2.511	-4.90	59.7	S0312	.04090	9.8473	0.8	A
	9036	32449.50	45 58N	29 29E	73.5	189.3	2.511	-0.70	60.5	S0312	.04090	9.8456	0.6	F
	9037	32454.70	45 37N	29 28E	73.5	189.2	2.511	0.00	60.5	S0312	.04090	9.8621	0.6	A
	9038	32490.30	43 16N	27 55E	79.9	188.8	2.385	-25.90	62.3	S0312	.04090	9.0375	0.6	F
	9039	32493.10	43 16N	27 54E	78.9	188.8	2.385	-25.90	62.3	S0312	.04090	9.2849	0.8	V
	9040	32496.50	43 11N	27 53E	79.5	188.8	2.385	-25.55	62.4	S0312	.03090	9.1364	0.4	A
	9041	32501.50	42 27N	27 41E	80.2	188.7	2.385	-26.60	62.9	S0312	.04090	8.9362	0.4	F
	9042	32504.50	42 26N	27 41E	79.0	188.7	2.385	-26.25	62.9	S0312	.04090	9.2766	0.4	V
	9043	32519.10	41 3N	28 59E	83.9	188.6	2.511	-26.95	64.6	S0312	.03090	8.6829	0.6	F
	9044	32522.10	41 3N	28 59E	83.1	188.5	2.511	-27.30	64.6	S0312	.03090	8.8594	0.4	V
	9045	32525.10	41 3N	28 58E	84.1	188.5	2.511	-27.30	64.6	S0312	.04090	8.6087	0.6	A
	9046	32561.10	38 0N	27 14E	72.1	188.2	2.733	-9.45	65.9	S0312	.03090	10.1754	0.4	V
	9047	32563.70	38 0N	27 14E	72.8	188.2	2.733	-9.10	65.9	S0312	.03090	9.9610	0.4	A
	9048	32571.50	37 49N	26 42E	76.2	188.1	2.511	-22.40	66.2	S0312	.04090	9.6147	0.6	V
	9049	32655.70	31 49N	25 36E	73.7	187.6	2.872	-14.70	69.7	S0312	.03090	9.8043	0.8	F
	9050	32660.70	31 50N	25 36E	73.2	187.5	3.090	-12.60	69.7	S0312	.03090	9.9198	0.8	A
	9051	32667.50	31 10N	25 32E	72.0	187.5	3.090	-11.55	70.1	S0312	.03090	10.1319	0.6	V
	9052	32939.30	12 15N	21 28E	83.9	186.5	3.090	-30.10	69.3	S0312	.03090	8.5922	1.0	F
	9053	32944.70	12 3N	21 41E	77.3	186.5	3.211	-28.30	69.4	S0312	.03090	9.4663	1.2	V
	9054	32972.30	9 58N	20 55E	89.3	186.3	2.872	-35.00	68.0	S0312	.03090	8.0480	0.4	F
	9055	32981.90	9 37N	21 44E	75.7	186.5	3.439	1.05	68.6	S0312	.03090	9.5342	1.0	A
	9056	33059.10	4 17N	20 58E	79.2	186.4	3.211	8.75	65.3	S0312	.03090	9.0352	1.0	A
	9057	33075.70	3 17N	19 47E	90.2	186.4	3.439	-33.25	63.8	S0312	.03090	8.0232	1.0	A
	9058	33103.90	1 16N	19 48E	82.2	186.4	3.574	-19.60	62.6	S0312	.03090	8.7901	1.4	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
449 9059	33292.10	12 6S	17 18E	91.7	186.6	3.439	-24.85	51.5	S0312	.03090	7.8253	1.0	F
9060	33331.10	14 38S	17 40E	87.2	186.6	3.211	6.30	49.7	S0312	.03090	8.3366	0.6	V
9061	33334.30	14 46S	17 39E	88.5	186.7	3.211	6.65	49.7	S0312	.03090	8.0892	0.6	A
9062	33394.50	19 7S	15 55E	98.1	186.8	3.211	-26.25	45.2	S0312	.03090	7.2893	1.0	F
9063	33440.50	22 3S	16 0E	91.2	186.9	3.211	-3.85	42.8	S0312	.04090	7.9490	0.6	V
9064	33443.90	22 5S	15 60E	92.5	186.9	3.211	-3.50	42.8	S0312	.04090	7.7264	0.6	A
450 9001	37795.69	43 3N	6 29E	73.0	188.8	2.733	-3.50	62.7	S0312	.03090	9.9280	0.4	F
9002	37798.29	43 3N	6 29E	72.1	188.8	2.733	-3.15	62.7	S0312	.03090	10.1754	0.6	V
9003	37956.09	32 50N	3 5E	83.3	187.6	2.733	-32.90	69.0	S0312	.03090	8.7324	1.0	A
452 9001	49195.49	11 41S	49 2W	95.2	186.5	3.211	-29.05	51.8	S0312	.03090	7.5205	1.0	F
9002	49202.29	12 9S	49 6W	94.7	186.6	3.439	-28.35	51.4	S0312	.03090	7.5697	0.6	F
9003	49204.69	12 25S	49 4W	92.3	186.6	3.439	-24.50	51.0	S0312	.03090	7.7758	1.0	F
9004	49215.29	12 56S	48 57W	89.7	186.6	3.574	-19.25	51.1	S0312	.03090	8.0067	1.0	A
9005	49220.09	13 23S	49 9W	91.4	186.6	3.574	-22.40	50.4	S0312	.03090	7.8416	1.0	F
9006	49234.89	13 46S	49 3W	87.6	186.6	3.439	-15.75	50.1	S0312	.03090	8.2953	1.0	V
9007	49236.09	14 17S	48 58W	86.4	186.6	3.439	-9.45	49.8	S0312	.03090	8.4108	1.0	V
9008	49241.29	14 34S	49 7W	88.1	186.6	3.439	-11.20	49.2	S0312	.03090	8.1551	0.8	F
9009	49248.09	14 54S	48 58W	87.4	186.7	3.439	-4.20	49.3	S0312	.03090	8.1964	1.0	A
453 5001	54585.68	18 1S	70 14W	117.9	186.7	2.170	38.15	47.2	S0312	.01710	6.1424	0.4	F
5002	54589.88	18 1S	70 14W	117.4	186.8	2.170	38.50	47.2	S0312	.01710	6.1919	0.4	V
5003	54593.48	17 57S	70 15W	117.9	186.8	1.810	38.50	47.2	S0312	.01710	6.0517	0.4	A
9001	54215.68	7 50N	67 26W	78.9	186.5	3.439	-21.00	57.1	S0312	.03090	9.2684	1.0	V
9002	54531.88	13 50S	71 55W	108.7	186.6	3.211	-40.95	49.9	S0312	.03090	6.6214	1.0	A
9003	54544.88	14 50S	70 37W	87.3	186.6	3.090	11.55	49.6	S0312	.03090	8.3263	1.4	V
9004	54553.28	15 45S	70 2W	107.8	186.7	2.511	34.30	49.1	S0312	.03090	6.7141	1.4	F
9005	54565.68	16 24S	71 34W	88.9	186.7	3.439	-14.00	47.8	S0312	.03090	8.0809	0.6	F
9006	54575.48	17 10S	70 54W	93.0	186.7	3.090	15.40	47.5	S0312	.03090	7.7511	0.6	F
9007	54578.68	17 10S	70 54W	92.3	186.7	2.872	16.10	47.6	S0312	.03090	7.8665	0.6	V
454 9001	59325.28	20 50N	86 51W	72.8	186.9	3.439	-7.35	72.3	S0312	.03090	9.9445	0.6	F
9002	59330.48	20 50N	86 51W	72.9	186.9	3.439	-6.30	72.3	S0312	.03090	9.9445	0.6	A
9003	59398.68	15 50N	87 55W	74.9	186.7	3.439	-13.65	71.1	S0312	.04090	9.6559	1.0	F
9004	59404.08	15 50N	87 55W	74.8	186.7	3.439	-12.60	71.1	S0312	.04090	9.6889	1.0	A
9005	59421.88	14 0N	87 12W	87.9	186.6	2.872	29.40	71.4	S0312	.03090	8.2623	0.6	F
9006	59424.88	14 0N	87 11W	87.6	186.6	2.872	30.10	71.4	S0312	.03090	8.3366	0.6	V
9007	59428.28	14 7N	87 11W	89.3	186.6	2.511	31.50	71.6	S0312	.03090	8.0727	0.4	A
455 9001	64557.88	25 40N	108 28W	78.0	187.1	2.872	-24.85	71.6	S0312	.03090	9.2601	1.0	F
9002	64563.28	25 41N	108 32W	78.9	187.1	3.090	-26.60	71.6	S0312	.03090	9.2189	0.8	A
459 9001	85204.87	64 45N	177 45E	84.5	195.4	1.687	16.10	44.1	S0312	.03090	8.5510	0.6	F
9002	85207.87	64 46N	177 45E	83.4	195.2	1.475	16.45	44.1	S0312	.03090	8.7489	0.6	V
460 9001	4414.67	44 34N	146 35E	79.0	189.1	2.511	18.55	62.0	S0312	.03090	9.1941	0.4	F
9002	4417.47	44 34N	146 35E	78.3	189.0	2.511	18.90	62.0	S0312	.03090	9.3338	0.4	V
9003	4425.47	43 50N	145 39E	73.6	189.0	2.511	-5.60	62.2	S0312	.04090	9.8291	0.4	F
9004	4429.27	43 50N	145 39E	72.7	188.9	2.511	-5.25	62.2	S0312	.04090	10.0847	0.4	V
9005	4434.27	43 26N	145 55E	73.8	188.9	2.511	8.05	62.7	S0312	.04090	9.9445	0.4	V
9006	4436.87	43 26N	145 55E	74.7	188.8	2.511	8.40	62.7	S0312	.04090	9.6972	0.4	A
461 5001	9619.86	52 25N	124 54E	90.6	190.5	1.687	-35.00	55.0	S0312	.02260	8.0223	0.6	A
5002	9747.66	43 11N	124 18E	82.5	188.8	2.385	25.90	63.1	S0312	.02260	8.8962	1.0	V
5003	9750.66	43 12N	124 18E	83.7	188.8	2.385	26.25	63.1	S0312	.02260	8.6489	1.0	A
5004	9844.26	36 59N	120 47E	88.1	188.0	2.385	-36.75	66.6	S0312	.02260	8.2531	0.6	A
5005	9889.06	33 27N	120 13E	83.1	187.7	2.511	-31.85	68.7	S0312	.02260	8.6736	0.8	F
9001	9466.86	62 16N	129 49E	84.0	193.9	1.332	-21.00	46.3	S0312	.03090	8.5757	0.6	F
9002	9470.86	61 50N	129 39E	84.1	193.8	1.332	-21.35	46.6	S0312	.03090	8.5674	0.6	F
9003	9473.86	61 50N	129 40E	82.8	193.7	1.332	-21.00	46.6	S0312	.03090	8.8231	0.6	V
9004	9476.86	61 50N	129 40E	83.5	193.6	1.332	-20.65	46.6	S0312	.03090	8.6664	1.2	A
9005	9596.46	53 30N	125 49E	82.4	190.8	1.687	-24.50	54.1	S0312	.03090	8.7489	0.8	F
9006	9602.66	53 29N	125 50E	81.5	190.7	1.810	-23.45	54.2	S0312	.03090	8.8973	0.6	A
9007	9614.86	52 47N	125 26E	81.1	190.5	1.810	-24.50	55.0	S0312	.03090	9.0210	0.6	V
9008	9685.46	47 25N	124 5E	77.5	189.5	2.170	-18.55	59.3	S0312	.03090	9.3178	0.6	F
9009	9688.26	47 25N	124 5E	76.4	189.5	2.170	-18.20	59.3	S0312	.03090	9.5900	0.6	V
9010	9691.06	47 25N	124 4E	77.2	189.5	2.385	-18.55	59.3	S0312	.03090	9.4003	1.4	A
9011	9761.46	42 0N	123 45E	78.5	188.7	2.733	18.55	63.9	S0312	.03090	9.2601	0.4	F
9012	9763.46	41 56N	123 43E	79.4	188.7	2.733	18.55	64.0	S0312	.03090	9.2436	0.4	F
9013	9766.26	41 56N	123 42E	77.7	188.6	2.511	18.90	64.0	S0312	.03090	9.4498	0.4	V
9014	9769.06	41 57N	123 42E	78.8	188.6	2.511	19.25	64.0	S0312	.03090	9.1859	0.6	A
9015	9776.46	41 8N	122 52E	73.1	188.5	2.733	-2.80	64.3	S0312	.03090	9.9115	0.6	F
9016	9779.26	41 7N	122 51E	72.2	188.5	2.733	-2.45	64.3	S0312	.03090	10.1589	0.4	V
9017	9781.86	41 7N	122 51E	73.0	188.5	2.733	-2.10	64.3	S0312	.03090	9.9363	0.4	A
9018	9785.46	40 50N	122 46E	72.9	188.5	2.733	-3.15	64.5	S0312	.03090	9.9445	0.8	A
9019	9794.06	39 59N	121 53E	79.7	188.4	2.385	-25.90	64.8	S0312	.03090	9.0622	0.6	F
9020	9801.06	39 29N	122 2E	75.4	188.3	2.733	-17.50	65.3	S0312	.03090	9.5900	0.8	F

Handle via BYEMAN Channels BYE-8915/84

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
461 9021	9805.46	39 29N	122 1E	75.1	188.3	2.733	-16.80	65.3	S0312	.03090	9.6807	0.8	A
9022	9812.66	38 59N	121 28E	81.2	188.2	2.511	-30.10	65.5	S0312	.03090	9.0127	1.4	V
9023	9816.66	38 59N	121 28E	81.6	188.2	2.511	-29.40	65.5	S0312	.04090	8.8973	0.4	A
9024	9829.06	37 54N	122 8E	73.0	188.1	2.872	3.15	66.9	S0312	.03090	9.9445	0.8	F
9025	9833.26	37 54N	122 9E	73.0	188.1	2.872	4.20	66.9	S0312	.03090	9.9198	1.0	A
9026	9852.66	36 17N	121 23E	73.6	187.9	2.872	-12.95	67.4	S0312	.03090	9.8786	0.6	A
9027	9879.66	34 6N	120 19E	83.9	187.8	2.385	-32.55	68.3	S0312	.03090	8.6004	0.8	F
9028	9884.06	33 48N	120 16E	83.9	187.7	2.385	-32.55	68.5	S0312	.03090	8.5922	0.4	F
9029	9894.86	33 13N	120 29E	75.3	187.7	2.733	-21.00	69.0	S0312	.03090	9.7466	0.4	V
9030	9910.26	31 50N	120 18E	75.1	187.6	2.872	-18.55	69.7	S0312	.03090	9.6229	0.6	F
9031	9915.66	31 50N	120 18E	74.8	187.6	3.090	-18.20	69.7	S0312	.03090	9.7156	0.6	A
9032	9937.06	30 42N	120 15E	72.4	187.5	3.090	-7.70	70.6	S0312	.03090	10.0023	1.0	F
9033	9938.26	30 22N	120 15E	72.3	187.4	3.090	-6.65	70.6	S0312	.03090	10.0352	0.8	A
9034	10480.66	7 11S	112 45E	93.7	186.5	3.211	-31.50	55.5	S0312	.04090	7.7758	0.6	V
9035	10484.06	7 11S	112 45E	94.7	186.5	3.439	-31.50	55.5	S0312	.04090	7.6274	0.6	A
462 5001	14845.86	56 45N	104 28E	99.6	191.6	1.475	-32.55	51.2	S0312	.02260	8.0965	0.4	A
9001	14713.46	66 20N	112 25E	81.8	196.3	1.475	11.90	42.5	S0312	.04090	8.9385	0.4	V
9002	14714.46	66 28N	112 25E	82.8	196.1	1.475	12.25	42.5	S0312	.04090	8.7324	0.4	A
9003	14720.86	65 57N	112 22E	84.2	196.0	1.475	17.85	43.1	S0312	.04090	8.6911	0.4	V
9004	14724.06	65 50N	112 21E	85.0	195.8	1.475	17.85	43.1	S0312	.04090	8.5015	0.4	A
9005	15086.86	41 6N	100 31E	73.1	188.5	2.733	-18.50	64.3	S0312	.03090	9.9053	0.8	F
9006	15092.06	41 1N	100 31E	72.8	188.5	2.733	-19.45	64.3	S0312	.03090	9.9693	0.8	A
9007	15099.26	40 29N	99 55E	77.2	188.4	2.511	-24.50	64.5	S0312	.03090	9.4910	0.4	V
9008	15102.06	40 29N	99 55E	77.3	188.4	2.511	-24.15	64.5	S0312	.03090	9.3261	0.4	A
9009	15119.06	39 9N	100 10E	72.1	188.3	2.733	-5.25	65.7	S0312	.03090	10.0435	0.4	F
9010	15124.06	38 50N	100 41E	76.3	188.2	2.733	16.80	66.2	S0312	.03090	9.4910	1.0	A
9011	15147.06	37 17N	100 1E	71.6	188.1	2.872	6.65	67.1	S0312	.03090	10.1259	0.4	A
463 5001	20341.26	45 9N	78 26E	90.1	189.1	1.810	-37.80	60.8	S0312	.02260	8.1460	0.8	V
5002	20344.46	45 9N	78 27E	90.5	189.1	2.033	-37.45	60.8	S0312	.02260	9.0470	0.8	A
5003	20523.46	32 26N	75 37E	86.3	187.6	2.385	-35.35	69.2	S0312	.02260	8.3603	0.6	F
5004	20526.66	32 20N	75 37E	85.0	187.6	2.385	-35.00	69.2	S0312	.02260	8.6324	0.6	V
9001	20164.46	56 40N	84 56E	85.6	191.8	2.033	23.80	51.7	S0312	.03090	8.4685	2.0	F
9002	20170.66	56 40N	84 55E	85.7	191.7	1.810	24.50	51.7	S0312	.03090	8.4458	2.0	A
9003	20186.66	55 24N	82 56E	77.0	191.4	2.033	-9.45	52.6	S0312	.04090	9.3858	0.6	F
9004	20190.86	55 6N	82 60E	76.3	191.3	2.033	-4.55	52.9	S0312	.04090	9.4745	2.0	F
9005	20196.26	55 6N	83 0E	76.1	191.2	2.033	-3.85	52.9	S0312	.04090	9.5157	0.8	A
9006	20197.86	54 59N	82 58E	76.2	191.2	2.033	-3.85	53.0	S0312	.04090	9.5075	0.6	A
9007	20213.66	53 54N	83 4E	88.0	190.9	2.033	24.40	54.5	S0312	.03090	8.3201	0.4	V
9008	20218.46	53 50N	83 19E	83.8	190.8	2.170	23.10	54.9	S0312	.03090	8.6664	0.4	F
9009	20221.46	53 50N	83 19E	83.0	190.7	2.170	23.45	54.9	S0312	.03090	8.8396	0.4	V
9010	20227.86	52 40N	82 43E	78.8	190.6	2.170	14.35	55.3	S0312	.03090	9.2024	0.6	F
9011	20230.66	52 40N	82 43E	77.9	190.6	2.170	14.70	55.3	S0312	.04090	9.4085	0.6	V
9012	20234.66	52 16N	82 44E	79.3	190.5	2.170	17.85	55.6	S0312	.03090	9.2519	0.4	V
9013	20237.46	52 16N	82 44E	80.3	190.5	2.170	18.20	55.6	S0312	.03090	9.0127	0.4	A
9014	20260.86	50 20N	80 11E	87.6	190.1	1.687	-32.55	56.7	S0312	.03090	8.2294	0.8	F
9015	20271.06	49 30N	81 8E	74.6	190.0	2.385	-1.05	57.7	S0312	.04090	9.6972	0.6	F
9016	20273.86	49 17N	81 8E	73.7	189.9	2.385	-0.70	57.7	S0312	.04090	9.9445	0.4	V
9017	20277.26	49 12N	80 60E	74.4	189.9	2.385	-1.05	58.0	S0312	.04090	9.7501	0.4	F
9018	20279.86	49 12N	81 0E	73.5	189.8	2.385	-0.70	58.0	S0312	.04090	9.9775	0.4	V
9019	20283.26	48 58N	81 1E	73.6	189.8	2.385	2.10	58.2	S0312	.04090	9.9610	0.4	V
9020	20285.86	48 50N	81 1E	74.4	189.8	2.385	2.45	58.2	S0312	.04090	9.7381	0.6	A
9021	20295.06	48 0N	80 27E	74.2	189.6	2.385	-6.30	59.0	S0312	.04090	9.7466	1.4	F
9022	20299.46	47 50N	80 27E	73.1	189.5	2.385	-4.90	59.1	S0312	.03090	10.0187	0.8	V
9023	20302.26	47 42N	80 26E	73.9	189.5	2.385	-4.55	59.1	S0312	.03090	9.8126	0.6	A
9024	20319.46	46 43N	80 50E	81.1	189.3	2.511	21.70	60.7	S0312	.03090	8.9715	0.8	F
9025	20325.26	46 15N	80 51E	81.5	189.3	2.385	22.75	60.7	S0312	.03090	8.8724	0.4	A
9026	20377.66	42 36N	78 17E	78.0	188.7	2.385	-25.90	63.0	S0312	.04090	9.3920	0.6	V
9027	20380.46	42 36N	78 17E	78.7	188.7	2.385	-25.55	63.0	S0312	.04090	9.2554	0.6	A
9028	20536.66	31 24N	76 22E	72.1	187.5	3.090	-2.10	70.3	S0312	.03090	10.0517	1.0	F
9029	20541.86	31 24N	76 22E	72.1	187.5	3.090	-1.05	70.3	S0312	.03090	10.0517	1.0	A
9030	20551.26	30 24N	76 9E	72.2	187.5	3.090	-2.10	70.7	S0312	.03090	10.0352	0.6	F
9031	20556.46	30 24N	76 9E	72.2	187.4	3.090	-1.05	70.7	S0312	.03090	10.0435	0.6	A
9032	20611.66	26 29N	74 40E	79.3	187.2	2.872	-28.35	71.4	S0312	.03090	9.2354	0.6	V
9033	20622.86	25 48N	75 23E	73.3	187.1	3.090	6.65	72.3	S0312	.03090	9.8703	1.0	A
9034	20632.66	24 54N	75 36E	78.8	187.1	2.872	22.05	72.8	S0312	.03090	9.3096	0.4	V
9035	20635.46	24 54N	75 36E	80.0	187.1	2.872	22.40	72.8	S0312	.03090	9.0292	0.4	A
9036	20700.06	20 9N	73 55E	73.4	186.9	3.211	-10.85	72.1	S0312	.03090	9.8421	0.6	F
9037	20703.46	20 6N	73 52E	72.8	186.8	3.211	-12.25	72.1	S0312	.03090	10.0765	0.4	V
9038	20706.06	20 0N	73 52E	73.6	186.8	3.439	-12.25	72.1	S0312	.04090	9.8543	0.6	A
9039	20709.46	19 54N	73 49E	73.8	186.8	3.439	-12.25	72.1	S0312	.03090	9.8291	0.8	A
9040	20721.26	18 54N	73 52E	73.0	186.8	3.439	-1.40	72.1	S0312	.03090	9.9280	2.0	F
9041	20726.46	18 40N	73 52E	73.2	186.8	3.439	-0.35	72.1	S0312	.03090	9.8951	1.6	A
464 5001	26080.26	15 50N	51 45E	83.4	186.7	2.872	24.15	71.8	S0312	.01710	8.6654	0.8	A
9001	25458.46	58 14N	60 56E	87.6	192.2	1.475	-30.80	50.0	S0312	.03090	8.3613	0.6	V
9002	25461.66	58 14N	60 55E	88.6	192.1	1.475	-30.00	50.0	S0312	.03090	8.2044	0.6	A
9003	25473.66	56 52N	61 21E	77.8	191.8	1.810	-11.20	51.3	S0312	.04090	9.2766	0.4	F
9004	25476.46	56 52N	61 20E	76.8	191.8	1.810	-11.20	51.3	S0312	.04090	9.5322	0.4	V
9005	25483.66	56 14N	60 41E	80.0	191.6	1.687	-20.30	51.8	S0312	.04090	9.0210	0.8	F
9006	25485.26	56 6N	60 38E	80.8	191.6	1.687	-20.30	51.9	S0312	.04090	8.9303	0.6	F

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
464 9007	25489.46	56 15N	60 40E	79.6	191.5	1.687	-19.95	51.8	S0312	.04090	9.1117	0.8	A
9008	25490.86	56 7N	60 38E	80.4	191.5	1.687	-19.95	51.9	S0312	.04090	9.0210	1.0	A
9009	25503.26	55 8N	59 44E	86.3	191.2	1.475	-30.80	52.7	S0312	.03090	8.4603	0.6	V
9010	25506.46	55 8N	59 42E	87.4	191.2	1.687	-31.15	52.7	S0312	.03090	8.3036	0.6	A
9011	25526.06	53 12N	60 51E	78.7	190.8	2.170	14.00	54.7	S0312	.04090	9.2106	0.4	F
9012	25528.66	53 1N	60 48E	78.8	190.8	2.170	14.35	54.9	S0312	.04090	9.2024	0.4	F
9013	25531.46	53 1N	60 48E	78.0	190.7	2.170	14.70	54.9	S0312	.04090	9.4085	0.4	V
9014	25536.26	52 43N	60 26E	75.7	190.6	2.170	8.05	55.1	S0312	.04090	9.6889	0.4	V
9015	25538.86	52 44N	60 25E	76.5	190.6	2.170	8.05	55.1	S0312	.04090	9.4745	0.4	A
9016	25549.66	51 57N	60 6E	76.9	190.4	2.385	9.80	56.1	S0312	.04090	9.4250	0.6	F
9017	25553.66	51 51N	59 53E	76.0	190.3	2.385	6.65	56.3	S0312	.04090	9.5322	0.6	F
9018	25557.26	51 45N	59 51E	76.2	190.3	2.385	9.05	56.5	S0312	.04090	9.5075	0.4	F
9019	25559.86	51 7N	59 51E	75.3	190.2	2.385	8.40	56.5	S0312	.04090	9.7301	0.4	V
9020	25560.86	51 3N	59 50E	75.3	190.2	2.385	8.40	56.6	S0312	.04090	9.7301	0.6	V
9021	25564.86	50 47N	59 37E	74.6	190.2	2.385	4.90	56.8	S0312	.04090	9.6291	0.6	V
9022	25567.66	50 47N	59 37E	75.4	190.1	2.385	5.25	56.8	S0312	.04090	9.6064	0.6	A
9023	25575.66	50 21N	58 28E	79.7	190.0	2.170	-22.75	56.9	S0312	.03090	9.1117	0.6	A
9024	25578.86	50 16N	58 26E	79.7	190.0	2.170	-22.75	56.9	S0312	.03090	9.1199	0.6	A
9025	25595.46	48 56N	58 3E	78.0	189.7	2.170	-19.60	58.4	S0312	.03090	9.2601	0.6	F
9026	25598.26	48 56N	58 3E	76.9	189.7	2.170	-19.25	58.4	S0312	.03090	9.5405	1.4	V
9027	25601.86	48 56N	58 2E	77.6	189.7	2.170	-18.90	58.4	S0312	.03090	9.3673	0.6	A
9028	25609.86	47 57N	58 17E	74.2	189.6	2.385	-6.65	59.0	S0312	.04090	9.7714	0.6	A
9029	25620.26	47 9N	57 4E	85.9	189.4	2.033	-33.25	59.4	S0312	.03090	8.5345	0.8	V
9030	25623.26	47 9N	57 5E	86.4	189.4	2.033	-32.90	59.4	S0312	.03090	8.4108	0.8	A
9031	25737.06	39 16N	55 30E	76.5	188.3	2.733	-20.65	65.4	S0312	.03090	9.4992	0.6	A
9032	25778.06	36 20N	55 1E	73.3	188.0	2.872	-14.70	67.4	S0312	.03090	9.9033	0.6	A
9033	25837.46	31 57N	54 17E	71.7	187.6	3.090	-5.25	70.0	S0312	.03090	10.1095	1.0	F
9034	25843.26	31 50N	54 21E	72.3	187.6	3.090	-1.05	70.1	S0312	.03090	10.0270	0.6	A
9035	25881.06	28 56N	53 44E	71.6	187.4	3.090	-1.75	71.3	S0312	.03090	10.1259	1.0	F
9036	25913.66	26 51N	53 22E	71.7	187.2	3.090	1.05	72.0	S0312	.03090	10.2331	1.0	V
9037	25935.66	25 10N	52 54E	72.5	187.1	3.211	-5.25	72.2	S0312	.04090	9.9858	0.8	F
9038	25940.86	25 10N	52 54E	72.5	187.1	3.211	-4.20	72.2	S0312	.04090	9.9940	0.8	A
9039	25949.66	24 10N	52 37E	72.9	187.1	3.211	-4.75	72.2	S0312	.03090	9.9280	0.8	F
9040	25964.86	24 12N	52 44E	72.6	187.0	3.211	-3.15	72.3	S0312	.04090	9.9775	1.2	A
9041	26123.66	12 7N	50 52E	77.6	186.6	3.211	11.90	70.1	S0312	.04090	9.3673	0.6	F
9042	26128.46	11 50N	50 46E	76.0	186.6	3.211	9.45	69.9	S0312	.03090	9.6477	0.8	V
9043	26152.66	10 21N	50 13E	74.4	186.5	3.439	-2.45	68.8	S0312	.03090	9.8373	1.0	V
9044	26528.26	15 48S	46 22E	97.4	186.7	2.872	21.70	48.9	S0312	.03090	7.4213	1.0	F
9045	26533.46	15 42S	46 19E	97.8	186.7	2.733	21.70	48.8	S0312	.03090	7.2976	0.6	A
9046	26601.26	20 16S	44 37E	92.6	186.9	3.439	-8.75	44.3	S0312	.03090	7.7346	0.8	A
465 5001	30633.25	67 5N	44 18E	85.7	196.5	1.113	-23.10	41.9	S0312	.02260	8.5087	0.4	V
5002	30636.25	67 6N	44 18E	86.7	196.4	1.113	-23.10	41.9	S0312	.02260	8.3521	0.6	A
5003	30740.85	56 16N	38 35E	80.7	191.6	1.687	-20.30	51.8	S0312	.03150	8.9292	0.6	F
5004	30743.65	56 16N	38 35E	79.5	191.6	1.687	-19.95	51.8	S0312	.04150	9.2013	0.6	V
5005	30849.85	49 43N	36 18E	77.1	189.9	2.033	-15.90	57.5	S0312	.03150	9.5064	0.4	V
5006	30852.65	49 43N	36 17E	77.9	189.9	2.033	-16.00	57.5	S0312	.03150	9.3250	0.4	A
5007	31185.05	29 10N	31 2E	79.3	187.4	2.733	-26.95	70.7	S0312	.01710	9.1024	0.8	F
5008	31187.85	29 10N	31 2E	78.3	187.4	2.733	-26.60	70.7	S0312	.02260	9.3662	0.8	V
5009	31770.85	10 37S	23 11E	112.5	186.6	3.211	-43.40	52.2	S0312	.02260	6.4475	1.2	A
9001	30558.85	71 34N	52 23E	89.5	200.9	1.113	23.10	37.6	S0312	.04090	8.1634	0.6	V
9002	30562.05	71 34N	52 22E	90.4	200.7	1.113	23.10	37.6	S0312	.04090	7.9902	0.6	A
9003	30692.05	62 56N	41 47E	83.2	194.2	1.332	-19.95	45.8	S0312	.04090	8.6582	1.2	F
9004	30694.05	62 55N	41 47E	82.7	194.0	1.475	-19.60	45.8	S0312	.04090	8.7406	1.2	A
9005	30747.85	59 3N	40 4E	79.7	192.6	1.687	-15.40	49.3	S0312	.04090	9.0457	0.6	F
9006	30751.45	59 0N	40 6E	78.2	192.5	1.687	-14.00	49.3	S0312	.04090	9.3508	0.6	V
9007	30758.45	58 54N	40 23E	75.9	192.4	1.810	-2.10	49.9	S0312	.04090	9.6394	0.4	V
9008	30761.25	58 51N	40 12E	77.1	192.3	1.810	-2.45	50.2	S0312	.04090	9.3673	0.4	F
9009	30767.85	57 47N	39 36E	78.1	192.1	1.810	-11.90	50.5	S0312	.04090	9.2271	0.4	F
9010	30772.65	57 36N	39 57E	75.9	192.0	1.810	-1.75	50.7	S0312	.04090	9.6394	0.6	V
9011	30775.45	57 30N	39 57E	76.7	192.0	1.810	-1.40	50.7	S0312	.04090	9.4415	1.0	A
9012	30781.65	57 15N	39 24E	77.4	191.8	1.810	-10.15	51.0	S0312	.04090	9.3591	0.6	A
9013	30784.65	57 1N	39 17E	77.5	191.8	1.810	-10.35	51.2	S0312	.04090	9.3508	0.4	A
9014	30790.65	56 16N	38 35E	80.7	191.6	1.687	-20.30	51.8	S0312	.04090	8.9303	0.6	F
9015	30793.65	56 16N	38 35E	79.5	191.6	1.687	-19.95	51.8	S0312	.04090	9.2024	0.6	V
9016	30797.45	55 48N	38 30E	79.5	191.5	1.687	-17.45	52.2	S0312	.04090	9.0705	0.4	F
9017	30800.25	55 48N	38 29E	78.5	191.4	1.687	-17.85	52.2	S0312	.04090	9.3261	0.4	V
9018	30803.65	55 34N	38 30E	77.5	191.4	1.687	-15.40	52.5	S0312	.04090	9.4415	0.6	V
9019	30806.45	55 34N	38 31E	78.1	191.3	2.033	-15.05	52.5	S0312	.04090	9.2849	0.6	A
9020	30809.45	55 19N	38 23E	77.0	191.3	1.810	-14.35	52.8	S0312	.04090	9.4992	0.4	V
9021	30812.25	55 19N	38 23E	77.8	191.2	2.033	-14.35	52.8	S0312	.04090	9.3178	0.4	A
9022	30819.05	54 44N	37 54E	80.0	191.1	1.810	-20.30	53.1	S0312	.04090	9.0622	0.4	A
9023	30823.25	54 16N	37 37E	81.2	191.0	1.810	-24.50	53.5	S0312	.03090	8.9962	0.8	V
9024	30826.25	54 16N	37 37E	81.9	190.9	1.810	-24.15	53.5	S0312	.03090	8.8478	0.8	A
9025	30881.85	50 4N	36 24E	78.4	190.0	2.033	-19.60	57.2	S0312	.03090	9.2024	0.4	F
9026	30883.05	49 59N	36 22E	78.4	190.0	2.033	-19.60	57.2	S0312	.03090	9.2024	1.4	F
9027	30886.85	49 53N	36 21E	77.2	190.0	2.033	-19.25	57.3	S0312	.04090	9.4828	0.4	V
9028	30897.85	48 56N	36 21E	75.2	189.8	2.385	-10.85	58.2	S0312	.04090	9.6064	0.6	F
9029	30900.65	48 56N	36 21E	74.2	189.8	2.385	-10.50	58.2	S0312	.04090	9.8703	0.6	V
9030	30905.05	48 40N	35 59E	77.1	189.7	2.170	-17.50	58.5	S0312	.03090	9.3508	0.8	F
9031	30910.65	48 26N	35 58E	76.8	189.6	2.385	-17.15	58.5	S0312	.03090	9.4494	0.6	A
9032	30916.85	47 54N	35 20E	82.9	189.6	2.170	-29.75	58.8	S0312	.03090	8.8241	0.8	V
9033	30919.85	47 54N	35 20E	83.5	189.5	2.170	-29.40	58.8	S0312	.03090	8.6911	0.8	A
9034	30947.45	45 24N	36 30E	83.8	189.2	2.511	25.55	61.5	S0312	.04090	8.6829	1.4	F
9035	30952.05	45 17N	36 26E	82.2	189.2	2.511	24.85	61.5	S0312	.04090	8.9385	0.6	V
9036	30955.05	45 17N	36 25E	83.3	189.1	2.511	25.20	61.5	S0312	.04090	8.6828	0.6	A

Handle via
BYEMAN Channels
BYE-8915/84

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IM/SEC	BURST TIME SEC	MIRROR
465 9037	31103.45	34 56N	33 23E	75.6	187.8	2.733	16.45	69.7	S0312	.03090	9.7054	0.4	V
9038	31106.05	34 57N	33 23E	76.6	187.8	2.733	16.80	68.7	S0312	.03090	9.4415	0.6	A
9039	31157.05	31 17N	32 19E	72.4	187.5	3.090	6.65	70.5	S0312	.04090	10.1259	0.4	V
9040	31159.65	31 17N	32 18E	73.4	187.5	3.090	7.00	70.5	S0312	.04090	9.8703	0.6	A
9041	31170.05	30 16N	31 25E	75.9	187.5	2.872	-20.65	70.4	S0312	.03090	9.5075	0.6	F
9042	31172.85	30 16N	31 25E	74.9	187.4	2.872	-20.30	70.4	S0312	.03090	9.7796	0.4	V
9043	31177.25	29 58N	31 17E	76.2	187.4	2.872	-23.10	70.5	S0312	.03090	9.6147	0.6	V
9044	31214.05	27 12N	31 6E	72.6	187.2	3.090	-8.40	71.7	S0312	.03090	9.9693	0.6	F
9045	31219.25	27 12N	31 7E	72.5	187.2	3.211	-7.35	71.7	S0312	.03090	10.0023	0.6	A
9046	31649.05	2 91S	26 38E	93.8	186.4	2.733	28.00	60.3	S0312	.03090	7.6557	1.0	A
9047	31699.65	5 59S	25 53E	91.5	186.5	2.872	22.75	57.3	S0312	.03090	7.8253	0.4	A
9048	31803.85	13 26S	25 1E	106.6	186.6	2.385	33.95	51.1	S0312	.03090	6.8111	1.2	V
9049	31831.85	15 11S	23 10E	90.6	186.7	3.439	-19.95	48.7	S0312	.03090	8.0232	1.2	V
9050	31874.85	18 19S	21 51E	113.4	186.8	2.872	-39.90	45.5	S0312	.03090	6.2853	1.2	F
9051	32010.85	27 43S	21 28E	97.7	187.2	3.090	4.55	37.5	S0312	.04090	7.3388	0.8	F
9052	32014.45	27 44S	21 28E	96.9	187.3	2.872	5.25	37.5	S0312	.04090	7.4625	0.6	V
466 9001	36130.65	54 14N	15 42E	78.7	191.0	1.810	-19.60	56.6	S0312	.04090	9.3013	0.8	V
9002	36133.65	54 14N	15 42E	79.4	190.9	2.033	-19.60	53.6	S0312	.04090	9.1364	0.6	A
9003	36141.05	53 21N	15 0E	84.7	190.8	1.687	-28.35	54.3	S0312	.03090	8.5015	1.6	F
9004	36144.85	53 16N	14 59E	83.6	190.7	1.687	-28.35	54.3	S0312	.03090	8.7489	1.0	V
9005	36148.25	53 17N	14 57E	84.5	190.7	1.687	-28.35	54.3	S0312	.03090	8.5859	0.6	A
9006	36156.45	52 27N	15 19E	75.7	190.5	2.033	-12.95	55.2	S0312	.04090	9.6807	0.6	V
9007	36159.25	52 27N	15 19E	76.4	190.5	2.033	-12.60	55.2	S0312	.04090	9.4992	0.6	A
9008	36165.65	51 34N	15 37E	75.3	190.4	2.385	3.15	56.1	S0312	.03090	9.6064	0.6	F
9009	36171.05	51 34N	15 37E	75.3	190.3	2.385	3.85	56.1	S0312	.03090	9.6229	0.6	A
9010	36179.85	50 40N	14 44E	76.0	190.2	2.170	-12.60	56.7	S0312	.04090	9.5075	1.4	F
9011	36185.25	50 40N	14 44E	75.6	190.1	2.170	-11.90	56.7	S0312	.04090	9.5300	1.6	A
9012	36190.85	50 15N	14 53E	74.5	190.0	2.385	-4.20	57.2	S0312	.04090	9.7301	0.6	A
9013	36197.25	49 42N	14 4E	78.1	189.9	2.170	-22.05	57.4	S0312	.03090	9.3673	0.6	V
9014	36200.05	49 42N	14 4E	78.8	189.9	2.170	-21.70	57.4	S0312	.03090	9.2106	0.6	A
9015	36265.85	44 52N	13 51E	76.4	189.1	2.511	15.40	61.8	S0312	.04090	9.6064	0.4	V
9016	36268.45	44 53N	13 51E	77.4	189.1	2.511	15.75	61.7	S0312	.04090	9.3508	0.6	A
9017	36381.05	36 52N	11 7E	72.6	188.0	2.872	-6.65	67.2	S0312	.04090	9.9775	0.6	F
9018	36386.25	36 52N	11 8E	72.4	188.0	2.872	-5.60	67.3	S0312	.04090	10.0187	0.6	A
9019	36405.05	35 59N	10 13E	80.1	187.9	2.733	-28.00	67.6	S0312	.03090	9.0705	0.6	A
9020	36478.05	30 10N	9 43E	72.8	187.4	3.090	-3.85	70.8	S0312	.03090	10.0600	0.8	F
9021	36483.65	30 10N	9 31E	72.7	187.4	3.090	-10.85	70.7	S0312	.03090	9.9859	1.0	A
9022	36567.05	24 20N	9 28E	89.2	187.0	2.511	32.90	73.2	S0312	.03090	8.0892	1.2	A
467 9001	41428.05	54 36N	5 55W	76.9	191.2	2.033	-11.90	56.3	S0312	.04090	9.3858	0.8	F
9002	41433.65	54 37N	5 55W	76.6	191.1	2.033	-11.20	53.3	S0312	.04090	9.4580	0.6	A
469 9001	53142.04	20 47S	66 24W	95.1	186.9	3.439	-21.70	43.6	S0312	.03090	7.5449	1.0	A
9002	53155.64	21 41S	66 43W	98.4	186.9	3.439	-25.90	42.7	S0312	.03090	7.2976	1.0	A
9003	53205.84	25 10S	66 60W	94.4	187.1	3.439	-12.60	39.6	S0312	.04090	7.5779	0.6	A
470 5001	57759.64	26 19N	80 7W	78.8	187.2	2.872	-27.65	71.5	S0312	.03150	9.2920	7.8	V
9001	57570.24	39 9N	77 2W	74.6	188.6	2.733	-16.45	65.6	S0312	.03090	9.7054	3.8	F
9002	57577.84	39 9N	77 4W	74.3	188.2	2.733	-15.75	65.8	S0312	.03090	9.7879	5.6	A
9003	57759.64	26 19N	80 7W	78.8	187.2	2.872	-27.65	71.5	S0312	.03090	9.2931	7.8	V
9004	57803.64	23 5N	80 39W	73.3	187.0	2.872	-24.85	72.0	S0312	.03090	9.2106	0.4	F
9005	57809.24	23 5N	80 39W	77.9	187.0	3.090	-24.15	72.0	S0312	.03090	9.3343	0.8	A
9006	57817.24	22 6N	80 26W	73.0	186.9	3.211	-8.75	72.3	S0312	.04090	9.9198	0.8	F
9007	57821.24	22 12N	80 25W	72.9	186.9	3.211	-7.70	72.4	S0312	.04090	9.9445	2.0	A
471 9001	63114.84	22 40N	101 44W	77.5	187.0	2.872	21.35	73.0	S0312	.03090	9.4663	0.8	V
9002	63122.64	22 10N	102 14W	71.1	186.9	3.211	2.80	72.6	S0312	.03090	10.3156	0.4	V
9003	63125.24	22 10N	102 16W	72.1	186.9	3.211	3.15	72.6	S0312	.03090	10.0517	0.4	A
9004	63145.24	20 42N	103 21W	81.3	186.9	3.090	-30.45	71.8	S0312	.03090	9.0127	0.6	V
9005	63148.24	20 42N	103 22W	82.1	186.9	3.090	-30.10	71.8	S0312	.03090	8.8561	0.6	A
9006	63156.84	19 54N	103 35W	82.7	186.8	2.872	-32.90	71.6	S0312	.03090	8.8561	0.6	V
9007	63159.84	19 54N	103 35W	83.5	186.8	3.090	-32.60	71.6	S0312	.03090	8.7159	0.6	A
9008	63166.24	19 15N	103 43W	83.9	186.8	2.872	-33.25	71.5	S0312	.03090	8.7241	0.8	V
9009	63169.24	19 16N	103 43W	84.7	186.8	3.090	-33.25	71.5	S0312	.03090	8.5839	0.6	A
9010	63176.64	18 43N	103 40W	80.9	186.8	3.211	-28.00	71.5	S0312	.03090	8.9715	1.0	A
472 5001	68202.83	37 27N	122 2W	81.3	188.1	2.385	-29.40	66.6	S0312	.03150	8.8880	0.8	F
5002	68205.83	37 27N	122 2W	80.1	188.1	2.385	-29.05	66.6	S0312	.03150	9.1601	0.6	V
5003	68208.63	37 27N	122 2W	80.8	188.1	2.385	-28.70	66.6	S0312	.03150	9.0199	0.8	A
9001	68202.83	37 27N	122 2W	81.3	188.1	2.385	-29.40	66.6	S0312	.03090	8.8890	0.6	F
9002	68205.83	37 20N	122 2W	80.1	188.1	2.385	-29.05	66.6	S0312	.03090	9.1612	0.6	V
9003	68208.63	37 27N	122 2W	80.8	188.1	2.385	-28.70	66.6	S0312	.03090	9.0210	0.6	A
477 9001	8178.22	49 4N	131 6E	74.1	189.8	2.170	-9.80	58.2	S0312	.03090	9.8786	0.6	V
9002	8182.02	48 50N	131 4E	75.0	189.8	2.385	-9.80	58.3	S0312	.04090	9.6724	0.6	A
9003	8205.42	47 5N	130 15E	76.5	189.5	2.170	-16.30	59.8	S0312	.03090	9.4250	0.4	F
9004	8211.82	46 51N	129 37E	84.4	189.4	2.033	-31.85	59.8	S0312	.03090	8.6664	0.4	V
9005	8216.42	46 45N	129 38E	84.2	189.3	2.033	-30.45	59.9	S0312	.03090	8.6252	0.4	A

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
477 9006	8222.42	46 19N	129 35E	82.7	189.3	2.170	-28.70	60.3	S0312	.02200	8.7818	0.6	A
9007	8237.82	44 52N	129 3E	85.4	189.1	1.810	-32.55	61.3	S0312	.02200	8.4273	0.4	F
9008	8243.42	44 36N	129 33E	74.9	189.0	2.385	-17.15	61.7	S0312	.03090	9.7796	0.4	V
9009	8249.42	44 21N	129 54E	72.8	189.0	2.511	-2.80	62.1	S0312	.03090	9.9610	0.4	A
9010	8257.42	43 27N	129 41E	73.1	188.9	2.511	-2.45	62.8	S0312	.03090	9.8951	0.6	F
9011	8263.42	42 6N	129 52E	74.4	188.8	2.733	7.35	63.3	S0312	.03090	9.7466	0.8	F
9012	8267.62	42 43N	129 47E	74.1	188.8	2.733	7.70	63.5	S0312	.03090	9.7796	0.6	F
9013	8275.22	42 14N	129 13E	73.1	188.7	2.733	-7.35	63.7	S0312	.03090	9.9033	0.4	F
9014	8282.42	41 52N	129 44E	75.2	188.6	2.733	13.65	64.2	S0312	.03090	9.7466	2.0	V
9015	8286.62	41 46N	129 41E	75.9	188.6	2.733	13.30	64.3	S0312	.03090	9.5405	1.2	A
9016	8293.82	41 19N	129 1E	71.8	188.5	2.733	-5.60	64.4	S0312	.03090	10.1012	0.4	A
9017	8302.62	40 53N	128 25E	75.0	188.5	2.511	-19.60	64.7	S0312	.03090	9.7714	0.8	V
9018	8307.62	40 26N	128 26E	75.1	188.4	2.733	-17.50	64.8	S0312	.03090	9.6724	0.8	A
9019	8315.42	39 47N	127 28E	91.8	188.3	2.170	-40.25	64.9	S0312	.02200	7.9902	0.6	V
9020	8318.62	39 47N	127 29E	92.4	188.3	2.170	-39.90	64.9	S0312	.02200	7.8913	0.6	A
9021	8328.02	38 49N	128 8E	73.4	188.2	2.733	-14.70	66.0	S0312	.03090	9.9940	0.4	V
9022	8330.62	38 49N	128 8E	74.1	188.2	2.733	-14.35	66.0	S0312	.03090	9.8043	0.6	A
9023	8334.22	38 26N	128 4E	72.6	188.2	2.733	-14.00	66.3	S0312	.03090	10.0930	0.4	V
9024	8337.02	38 26N	128 3E	73.4	188.2	2.733	-13.65	66.3	S0312	.03090	9.8951	0.4	A
9025	8346.22	37 39N	127 5E	88.5	188.1	2.170	-37.80	66.3	S0312	.02200	8.2871	0.4	V
9026	8349.42	37 39N	127 6E	88.9	188.1	2.385	-37.45	66.3	S0312	.02200	8.1799	0.4	A
9027	9014.62	8 30S	118 42E	94.9	186.5	3.211	-32.20	54.2	S0312	.03090	7.6604	1.2	V
47A 5001	13448.81	51 21N	110 26E	76.2	190.3	2.385	9.45	56.5	S0312	.03150	9.5064	0.4	F
5002	13457.02	51 16N	109 33E	76.0	190.2	2.170	-13.65	56.4	S0312	.03150	9.5641	0.4	A
5003	13504.21	47 31N	108 26E	74.3	189.6	2.385	-15.05	59.2	S0312	.03150	9.8527	0.8	V
5004	13513.01	47 19N	107 35E	85.1	189.5	1.810	-33.25	59.4	S0312	.03150	8.5912	0.8	V
5005	13522.02	46 36N	108 20E	72.5	189.3	2.385	-6.65	60.3	S0312	.03150	10.1165	0.6	V
9001	13622.82	39 28N	106 50E	73.4	188.3	2.872	8.05	65.9	S0312	.03090	9.8951	0.6	F
9002	13624.61	39 20N	106 48E	73.4	188.3	2.872	8.05	65.9	S0312	.03090	9.8868	0.8	F
9003	13632.21	39 13N	106 21E	71.9	188.3	2.872	-6.65	65.8	S0312	.03090	10.0930	0.6	A
9004	13637.22	39 01N	106 17E	72.2	188.2	2.872	-3.15	65.4	S0312	.03090	10.0270	0.4	F
9005	13642.21	38 51N	106 18E	72.2	188.2	2.872	-2.10	66.4	S0312	.03090	10.0435	0.6	A
9006	13648.81	37 40N	106 7E	71.7	188.1	2.872	-2.45	66.9	S0312	.03090	10.1095	0.4	F
9007	13653.01	37 25N	106 7E	71.9	188.1	2.872	0.70	67.1	S0312	.03090	10.0847	0.8	F
9008	13658.21	37 20N	106 8E	71.9	188.1	2.872	1.75	67.1	S0312	.03090	10.0765	0.3	A
9009	13666.61	36 49N	105 1E	82.1	188.0	2.511	-32.20	67.8	S0312	.03090	8.8726	0.4	A
9010	13722.81	32 31N	105 35E	79.6	187.6	2.872	22.40	70.3	S0312	.02200	9.1282	0.6	F
9011	13725.81	32 31N	105 35E	78.8	187.6	2.872	22.75	70.3	S0312	.02200	9.2849	0.4	V
9012	13736.01	31 44N	104 29E	72.8	187.6	2.872	-13.65	70.1	S0312	.03090	9.9363	1.0	F
9013	13741.21	31 44N	104 28E	72.6	187.5	3.090	-13.30	70.1	S0312	.03090	9.9940	1.0	A
9014	13836.41	24 50N	102 39E	80.5	187.1	2.733	-30.10	71.8	S0312	.03090	8.9633	0.6	F
9015	13839.21	24 50N	102 39E	79.3	187.1	2.733	-29.75	71.8	S0312	.03090	9.2436	0.6	V
9016	13996.41	13 46N	100 33E	85.0	186.6	2.872	-31.85	69.8	S0312	.03090	8.4685	1.0	F
9017	13998.81	13 45N	100 33E	83.9	186.6	3.090	-31.85	69.8	S0312	.03090	8.7241	0.6	V
9018	14002.61	13 46N	100 33E	84.6	186.6	3.090	-31.50	69.8	S0312	.03090	8.5757	1.0	A
479 9001	18693.21	55 39N	89 42E	76.2	191.5	2.033	1.75	52.7	S0312	.04090	9.4826	0.6	F
9002	18697.01	55 36N	89 31E	75.0	191.4	2.033	-1.75	52.7	S0312	.04090	9.7549	0.4	V
9003	18699.81	55 35N	89 31E	75.8	191.3	2.033	-1.40	52.7	S0312	.04090	9.5487	0.4	A
9004	18973.61	36 46N	82 53E	81.6	188.0	2.385	-32.55	67.0	S0312	.03090	8.9797	0.6	V
9005	18976.61	36 46N	82 53E	82.2	188.0	2.385	-32.20	67.0	S0312	.03090	8.8396	0.6	A
9006	19111.81	27 2N	80 54E	82.9	187.2	2.733	-31.85	71.3	S0312	.03090	8.6994	1.0	F
9007	19118.01	26 48N	80 54E	80.5	187.2	2.733	-30.10	71.4	S0312	.03090	9.0952	1.0	V
9008	19119.61	26 42N	80 52E	80.6	187.2	2.733	-30.10	71.4	S0312	.03090	9.0869	0.6	V
9009	19197.21	24 17N	81 23E	72.3	187.2	3.211	-7.00	72.0	S0312	.03090	10.0270	0.8	A
9010	19167.01	23 13N	80 1E	87.5	187.0	2.511	-36.40	71.7	S0312	.03090	8.2211	0.8	F
9011	19170.01	23 14N	80 1E	86.3	187.0	2.733	-36.40	71.7	S0312	.03090	8.4850	1.0	V
9012	19306.41	13 40N	79 33E	77.6	186.6	3.090	15.75	70.8	S0312	.03090	9.4415	0.8	V
9013	19320.01	12 56N	78 50E	74.4	186.6	3.439	-8.40	69.8	S0312	.03090	9.7219	0.4	F
9014	19322.61	12 56N	78 50E	73.6	186.6	3.439	-8.05	69.8	S0312	.03090	9.9528	0.6	V
9015	19351.01	10 49N	78 43E	75.4	186.5	3.439	1.75	69.1	S0312	.02200	9.5735	1.0	A
9016	19365.41	9 52N	78 6E	78.0	186.5	3.439	-18.20	68.2	S0312	.03090	9.2766	1.0	A
9017	19375.41	8 46N	78 9E	75.9	186.5	3.439	-8.40	67.7	S0312	.03090	9.5157	0.6	F
9018	19379.21	8 46N	78 9E	75.1	186.5	3.439	-8.05	67.7	S0312	.03090	9.7384	0.6	V
480 9001	24060.81	51 32N	65 41E	75.1	190.4	2.170	-7.35	56.2	S0312	.04090	9.6147	0.6	F
9002	24063.61	51 32N	65 40E	74.2	190.3	2.170	-7.35	56.2	S0312	.04090	9.8703	0.4	V
9003	24069.01	51 9N	65 44E	73.8	190.2	2.170	-1.40	56.6	S0312	.04090	9.9280	0.6	V
9004	24071.81	51 8N	65 44E	74.6	190.2	2.170	-1.05	56.6	S0312	.04090	9.7136	0.6	A
9005	24073.01	51 5N	65 42E	74.6	190.2	2.170	-1.05	56.7	S0312	.04090	9.7136	0.6	A
9006	24142.41	45 59N	63 40E	75.6	189.3	2.385	-15.40	60.7	S0312	.03090	9.5487	0.6	F
9007	24145.21	45 59N	63 40E	74.6	189.2	2.385	-15.05	60.7	S0312	.03090	9.8291	0.8	V
9008	24148.21	45 58N	63 39E	75.3	189.2	2.385	-14.70	60.7	S0312	.03090	9.6477	0.6	A
9009	24153.61	45 56N	63 16E	78.8	189.1	2.385	-23.45	60.9	S0312	.03090	9.2189	0.6	A
9010	24202.01	42 11N	63 35E	77.7	188.6	2.511	17.85	64.0	S0312	.03090	9.3261	0.4	A
9011	24242.01	39 26N	62 51E	77.1	188.5	2.733	17.15	66.0	S0312	.03090	9.3756	0.6	A
9012	24263.01	37 41N	61 50E	72.3	188.1	2.872	-4.20	66.9	S0312	.03090	10.0105	2.0	F
9013	24268.21	37 41N	61 50E	72.3	188.1	2.872	-3.50	66.9	S0312	.03090	10.0435	0.8	A
9014	24269.61	37 39N	61 49E	72.3	188.1	2.872	-3.50	67.0	S0312	.03090	10.0435	0.8	A
9015	24280.81	36 30N	61 4E	76.6	188.0	2.733	-22.05	67.4	S0312	.03090	9.4250	1.2	F
9016	24289.01	36 10N	60 32E	84.9	187.9	2.385	-35.35	67.3	S0312	.02200	8.6252	0.6	V
9017	24292.01	36 11N	60 32E	85.6	187.9	2.385	-35.00	67.3	S0312	.02200	8.5015	0.6	A
9018	24467.01	23 39N	58 36E	73.9	187.0	3.211	-14.70	72.2	S0312	.03090	9.7796	0.8	F

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
480 9019	24472.41	23 36N	58 36E	73.8	187.0	3.211	-14.00	72.2	SO312	.03090	9.8291	0.8	A
9020	24485.01	22 49N	58 31E	72.9	187.0	3.211	-10.15	72.4	SO312	.03090	9.9445	0.8	A
481 9001	29081.41	70 59N	53 48E	89.0	199.8	0.776	-25.55	38.4	SO312	.03090	8.2129	0.8	V
9002	29084.61	70 50N	53 49E	89.8	199.6	0.986	-25.55	38.4	SO312	.03090	8.0562	1.0	A
9003	29120.61	68 0N	53 48E	82.0	197.5	1.332	12.60	41.2	SO312	.03090	8.9138	0.6	V
9004	29123.61	69 0N	53 49E	83.0	197.6	1.332	12.95	41.2	SO312	.03090	8.7076	0.6	A
9005	29220.61	61 24N	48 6E	77.9	193.6	1.687	-2.10	47.5	SO312	.04090	9.2684	1.0	F
9006	29226.21	61 24N	48 5E	77.7	193.4	1.687	-1.75	47.5	SO312	.04090	9.3096	1.0	A
9007	29246.01	58 26N	45 32E	83.5	192.3	1.475	-24.15	50.1	SO312	.03090	8.6252	0.6	F
9008	29249.01	58 26N	45 33E	82.2	192.3	1.475	-23.80	50.1	SO312	.04090	8.8973	0.6	V
9009	29280.61	57 41N	46 39E	77.8	192.0	1.810	8.75	51.0	SO312	.04090	9.3096	0.4	A
9010	29291.01	57 7N	45 9E	80.4	191.6	1.687	-20.30	51.3	SO312	.04090	8.9962	0.6	A
9011	29300.01	56 10N	46 6E	77.3	191.6	2.033	11.55	52.3	SO312	.04090	9.4663	0.6	V
9012	29302.81	56 10N	46 6E	78.3	191.5	2.033	11.90	52.3	SO312	.04090	9.2436	0.6	A
9013	29313.01	55 16N	45 57E	79.6	191.3	2.033	17.50	53.2	SO312	.04090	9.2106	0.6	V
9014	29316.01	55 15N	45 57E	80.6	191.3	2.033	17.85	53.2	SO312	.03090	8.9745	0.4	A
9015	29325.81	54 15N	45 11E	77.0	191.1	2.170	8.75	54.0	SO312	.04090	9.4085	0.6	F
9016	29328.61	54 15N	45 11E	76.1	191.0	2.170	9.10	54.0	SO312	.04090	9.6412	0.6	V
9017	29332.01	54 12N	45 10E	77.0	191.0	2.170	9.45	54.1	SO312	.04090	9.4003	0.6	A
9018	29340.21	53 11N	45 20E	82.9	190.8	2.170	22.40	55.1	SO312	.03090	8.7571	0.6	F
9019	29344.41	53 7N	45 14E	81.1	190.7	2.170	21.35	55.1	SO312	.03090	9.0375	0.4	V
9020	29347.41	53 7N	45 14E	82.2	190.7	2.170	21.70	55.1	SO312	.03090	8.7983	0.6	A
9021	29347.21	51 50N	43 30E	75.3	190.4	2.170	-9.10	56.2	SO312	.04090	9.5900	0.8	F
9022	29372.61	51 50N	43 30E	75.1	190.3	2.170	-8.40	56.3	SO312	.04090	9.6559	0.8	A
9023	29391.41	50 50N	43 21E	73.7	190.0	2.385	1.40	57.6	SO312	.04090	9.9528	0.6	V
9024	29394.21	49 50N	43 20E	74.5	190.0	2.385	1.75	57.6	SO312	.04090	9.7301	0.4	A
9025	29406.41	48 49N	43 48E	84.2	189.8	2.385	25.55	59.0	SO312	.03090	8.6252	1.0	F
9026	29412.41	48 41N	43 48E	84.7	189.7	2.170	26.60	59.0	SO312	.04090	8.5510	1.0	A
9027	29423.41	47 49N	42 23E	74.0	189.6	2.385	-4.90	59.5	SO312	.04090	9.7796	1.0	F
9028	29428.81	47 39N	42 23E	73.8	189.5	2.385	-4.90	59.5	SO312	.04090	9.8208	1.0	A
9029	29441.61	46 47N	41 32E	77.5	189.3	2.170	-19.95	60.3	SO312	.03090	9.3096	1.0	F
9030	29447.21	46 47N	41 32E	77.1	189.3	2.385	-19.60	60.3	SO312	.03090	9.4168	1.0	A
9031	29453.21	45 42N	40 47E	86.8	189.2	1.810	-32.50	60.7	SO312	.03090	8.2871	0.4	F
9032	29456.21	45 42N	40 46E	85.9	189.2	2.033	-33.95	60.7	SO312	.03090	8.5262	0.6	V
9033	29463.61	44 57N	41 0E	78.6	189.1	2.170	-23.10	61.4	SO312	.03090	9.1694	1.0	F
9034	29469.21	44 56N	40 59E	78.4	189.0	2.385	-23.10	61.4	SO312	.03090	9.2684	1.0	A
9035	29537.21	39 50N	41 19E	84.9	188.4	2.511	30.10	65.9	SO312	.03090	8.6499	0.8	V
9036	29540.41	39 50N	41 19E	86.2	188.4	2.511	30.45	65.9	SO312	.03090	8.3860	0.6	A
9037	29569.81	37 56N	40 13E	74.6	188.1	2.872	12.25	67.0	SO312	.03090	9.7136	1.0	A
9038	29596.41	36 0N	39 1E	73.2	187.9	2.872	-16.10	67.8	SO312	.03090	10.0023	0.6	V
9039	29604.61	35 42N	38 28E	82.4	187.9	2.733	-41.50	67.7	SO312	.03090	8.8413	0.6	A
9040	29614.81	34 50N	38 17E	81.4	187.8	2.511	-30.10	68.4	SO312	.03090	8.8726	0.6	F
9041	29617.81	34 34N	38 17E	79.9	187.8	2.511	-29.40	68.4	SO312	.03090	9.1859	0.4	V
9042	29633.41	33 0N	39 37E	84.7	187.7	2.733	29.05	70.2	SO312	.02200	8.6004	0.8	F
9043	29636.41	33 7N	39 35E	83.5	187.7	2.511	29.05	70.2	SO312	.02200	8.7736	0.8	V
9044	29641.21	32 40N	39 36E	85.8	187.6	2.511	31.50	70.4	SO312	.02200	8.5545	0.6	V
9045	29644.41	32 40N	39 36E	87.2	187.6	2.511	31.85	70.4	SO312	.02200	8.2623	0.6	A
9046	29654.81	31 50N	38 31E	71.8	187.6	3.090	0.70	70.3	SO312	.03090	10.1012	0.8	F
9047	29665.01	31 21N	37 20E	87.3	187.5	2.511	-37.80	69.7	SO312	.02200	8.4025	0.6	V
9048	29669.01	31 10N	37 16E	89.6	187.5	2.511	-38.85	69.7	SO312	.02200	8.1469	0.6	A
9049	29714.01	28 1N	37 57E	74.1	187.3	3.090	10.65	72.0	SO312	.03090	9.7631	1.0	A
9050	29741.81	26 14N	36 28E	83.7	187.1	2.872	-32.90	71.5	SO312	.03090	8.6994	0.8	A
9051	30105.81	0 37N	32 33E	78.4	186.4	3.574	-7.00	62.1	SO312	.03090	9.2106	1.0	F
9052	30112.41	0 21N	32 36E	78.2	186.4	3.439	-2.45	61.9	SO312	.03090	9.3426	0.8	V
9053	30115.41	0 20N	32 36E	79.2	186.4	3.439	-2.10	61.9	SO312	.03090	9.0952	0.6	A
9054	30119.21	0 0N	32 28E	78.8	186.4	3.439	-5.60	61.7	SO312	.04090	9.1529	0.6	A
9055	30184.21	4 50S	32 51E	107.9	186.4	2.385	38.50	58.3	SO312	.02200	5.7203	1.4	F
9056	30193.01	5 2S	32 5E	85.9	186.3	3.090	15.40	57.9	SO312	.03090	8.3551	1.0	A
9057	30212.81	6 19S	31 5E	84.4	186.3	3.574	-16.80	56.3	SO312	.03090	8.5427	1.0	A
9058	30340.41	15 20S	28 37E	112.0	186.7	2.872	-40.95	47.8	SO312	.03090	6.3740	1.0	F
9059	30344.41	15 20S	28 37E	110.6	186.7	3.090	-40.95	47.8	SO312	.03090	6.5719	1.0	V
9060	30353.01	15 20S	29 17E	91.9	186.7	3.439	-18.90	47.9	SO312	.03090	7.8171	1.0	A
9061	30407.01	20 0S	28 46E	91.2	186.8	3.439	-10.50	44.2	SO312	.04090	7.8748	1.0	F
9062	30410.41	20 0S	28 45E	90.2	186.8	3.211	-9.80	44.2	SO312	.04090	8.0486	0.6	V
9063	30413.81	20 7S	29 46E	91.3	186.9	3.439	-9.10	44.2	SO312	.04090	7.8418	0.8	A
9064	30422.81	21 2S	29 22E	96.6	186.9	2.872	17.50	43.7	SO312	.03090	7.5120	0.8	V
9065	30442.21	22 6S	29 5E	98.4	186.9	2.872	16.80	42.3	SO312	.04090	7.3141	1.0	F
9066	30448.81	23 7S	29 18E	105.8	187.0	2.511	25.90	41.9	SO312	.03090	6.8111	1.0	F
9067	30460.41	23 51S	28 6E	92.9	187.0	3.211	-9.45	41.1	SO312	.04090	7.8006	0.6	V
9068	30467.01	23 41S	27 42E	98.7	187.0	3.439	-21.35	40.7	SO312	.03090	7.2563	1.4	A
9069	30472.61	24 3S	27 25E	101.3	187.1	3.211	-24.85	39.9	SO312	.03090	7.0419	1.2	F
9070	30478.21	24 55S	27 10E	105.5	187.1	3.090	-29.40	39.5	SO312	.04090	6.7616	1.0	F
9071	30488.81	25 44S	28 1E	94.9	187.1	3.090	1.75	39.2	SO312	.04090	7.5614	0.8	F
9072	30492.21	25 45S	28 2E	94.1	187.1	3.090	2.45	39.2	SO312	.04090	7.6934	0.8	V
9073	30497.21	26 17S	27 46E	94.9	187.2	3.091	-3.15	38.6	SO312	.04090	7.5532	0.6	F
9074	30504.21	26 17S	27 45E	95.3	187.2	3.211	-2.45	38.6	SO312	.04090	7.4790	0.6	A
482 9001	34403.40	69 26N	32 27E	81.4	198.7	1.332	4.20	39.9	SO312	.04090	8.8643	0.6	F
9002	34406.40	69 27N	32 26E	80.3	198.6	1.332	4.20	39.9	SO312	.04090	9.0952	0.4	V
9003	34409.20	69 26N	32 26E	81.2	198.4	1.113	4.55	39.9	SO312	.04090	8.9055	0.6	A
9004	34427.00	68 4N	29 33E	84.2	197.4	0.986	-18.55	41.2	SO312	.04090	8.5510	0.4	F
9005	34434.00	67 40N	30 37E	79.2	197.1	1.332	2.80	41.7	SO312	.04090	9.2189	1.2	V
9006	34437.60	67 37N	30 31E	80.0	196.9	1.332	2.10	41.7	SO312	.04090	9.0457	1.8	A
9007	34554.60	59 29N	24 45E	77.5	192.7	1.810	-7.00	49.2	SO312	.04090	9.3178	0.6	F
9008	34557.40	59 29N	24 45E	76.4	192.7	1.810	-6.65	49.2	SO312	.04090	9.5735	0.6	V

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
482 9009	34560.40	59 26N	24 46E	77.2	192.6	1.810	-5.95	49.3	S0312	.04090	9.3838	0.4	A
9010	34569.40	58 27N	24 29E	76.8	192.4	1.810	-1.75	50.2	S0312	.04090	9.4085	1.0	F
9011	34575.00	58 27N	24 30E	76.6	192.2	1.810	-1.05	50.2	S0312	.04090	9.4498	0.8	A
9012	34590.20	57 0N	24 13E	77.4	191.9	2.033	7.35	51.6	S0312	.04090	9.3426	0.6	F
9013	34587.00	57 0N	24 12E	76.4	191.8	2.033	7.35	51.6	S0312	.04090	9.5900	0.8	V
9014	34594.00	56 59N	24 11E	77.2	191.8	2.033	7.35	51.6	S0312	.04090	9.3756	0.6	A
9015	34602.20	56 59N	23 17E	76.9	191.5	2.033	-10.50	51.8	S0312	.04090	9.4250	0.6	A
9016	34609.60	56 59N	23 24E	75.0	191.5	2.033	-0.35	52.5	S0312	.04090	9.7651	0.6	V
9017	34613.40	55 59N	23 24E	75.8	191.4	2.033	0.00	52.5	S0312	.04090	9.5487	0.6	A
9018	34620.20	54 54N	23 54E	82.7	191.3	2.170	21.35	53.6	S0312	.03090	8.7736	0.6	F
9019	34623.00	54 54N	23 54E	81.9	191.2	2.170	21.70	53.5	S0312	.03090	8.9550	0.6	V
9020	34632.80	54 24N	22 21E	75.6	191.0	2.033	-11.55	53.8	S0312	.04090	9.6869	0.6	V
9021	34635.60	54 23N	22 23E	76.4	191.0	2.033	-11.55	53.8	S0312	.04090	9.4910	1.4	A
9022	34663.20	52 22N	21 10E	79.1	190.5	2.033	-22.40	55.4	S0312	.04090	9.2501	0.4	V
9023	34666.00	52 22N	21 11E	79.5	190.5	2.033	-21.70	55.4	S0312	.03090	9.1199	0.4	A
9024	34682.60	50 21N	20 40E	79.7	190.2	2.033	-22.75	56.7	S0312	.03090	9.0457	0.4	F
9025	34684.20	50 21N	20 43E	79.2	190.1	2.170	-22.05	56.7	S0312	.03090	9.1512	0.6	A
9026	34694.00	50 0N	19 59E	87.1	190.0	1.810	-32.90	57.2	S0312	.03090	8.2541	0.4	F
9027	34697.00	50 0N	19 56E	87.0	190.0	1.810	-33.95	57.2	S0312	.03090	8.3943	0.6	V
9028	34700.20	50 0N	19 55E	87.8	190.0	2.033	-33.95	57.2	S0312	.03090	8.2708	0.6	A
9029	34707.20	49 59N	20 31E	75.0	189.9	2.385	-12.25	58.2	S0312	.02200	9.6394	0.6	F
9030	34715.60	49 0N	19 32E	86.7	189.7	1.810	-32.90	58.4	S0312	.03090	8.3056	0.6	F
9031	34724.60	47 56N	20 22E	73.9	189.6	2.385	-4.90	59.3	S0312	.04090	9.7879	0.6	F
9032	34731.00	47 56N	20 45E	76.1	189.5	2.511	11.55	59.9	S0312	.03090	9.5322	0.4	F
9033	34733.80	47 56N	20 46E	75.4	189.5	2.511	12.25	59.9	S0312	.03090	9.7501	0.4	V
9034	34741.20	47 14N	19 51E	75.1	189.4	2.385	-13.65	59.8	S0312	.03090	9.6642	0.6	A
9035	34748.40	46 16N	20 8E	74.0	189.3	2.511	3.50	60.7	S0312	.03090	9.7879	0.6	F
9036	34751.20	46 16N	20 8E	73.1	189.3	2.511	3.85	60.7	S0312	.04090	10.0270	0.4	V
9037	34753.80	46 16N	20 7E	73.9	189.3	2.511	3.85	60.7	S0312	.03090	9.8043	0.6	A
9038	34769.80	46 0N	19 36E	72.4	189.1	2.511	-1.75	61.7	S0312	.04090	10.1259	0.4	V
9039	34772.40	46 0N	19 35E	73.2	189.1	2.511	-1.40	61.7	S0312	.03090	9.9033	0.4	A
9040	34779.40	44 17N	19 54E	75.7	189.0	2.511	14.70	62.4	S0312	.03090	9.6972	0.4	V
9041	34782.00	44 16N	19 54E	76.6	189.0	2.511	15.05	62.4	S0312	.03090	9.4498	0.6	A
9042	34833.60	40 52N	19 17E	83.3	188.5	2.511	27.65	65.4	S0312	.04090	8.8231	0.6	V
9043	34836.60	40 52N	19 17E	84.5	188.4	2.511	28.00	65.4	S0312	.04090	8.5592	0.8	A
9044	35025.00	27 4N	14 28E	86.0	187.2	2.511	-35.35	71.2	S0312	.03090	8.3895	1.0	F
9045	35032.20	27 3N	14 28E	84.7	187.2	2.511	-35.00	71.2	S0312	.03090	8.6417	1.2	V
9046	35035.80	27 1N	14 27E	85.5	187.2	2.733	-35.00	71.3	S0312	.03090	8.5097	0.6	A
9047	35099.80	22 59N	13 39E	84.7	186.9	2.872	-33.95	71.8	S0312	.03090	8.3757	1.0	A
9048	35297.00	8 26N	12 4E	76.3	186.5	3.439	4.90	67.8	S0312	.03090	9.4910	1.0	F
9049	35344.40	5 41N	10 46E	84.9	186.5	3.439	-23.05	65.3	S0312	.03090	8.5345	1.0	A
9050	35362.20	3 59N	11 32E	81.6	186.4	3.211	15.05	64.9	S0312	.03090	8.8890	0.6	F
9051	35365.20	3 59N	11 31E	80.9	186.4	3.211	15.40	64.9	S0312	.03090	9.0375	0.8	V
9052	35368.40	3 59N	11 32E	82.3	186.4	3.211	14.11	64.9	S0312	.03090	8.7406	0.6	A
9053	35380.20	2 59N	11 29E	78.6	186.4	3.211	9.10	64.8	S0312	.03090	9.3013	1.0	V
9054	35390.80	2 7N	11 30E	88.4	186.4	2.733	26.25	63.8	S0312	.03090	8.2623	1.0	V
484 9001	45802.20	37 46N	25 40W	82.1	188.1	2.511	26.95	67.4	S0312	.03090	8.9468	0.8	V
9002	45805.20	37 46N	25 40W	83.3	188.1	2.511	27.30	67.4	S0312	.03090	8.6929	0.6	A
9003	46117.00	5 54S	35 10W	83.9	186.5	3.439	-17.85	56.6	S0312	.03090	8.6911	0.8	V
9004	46120.20	5 54S	35 10W	84.9	186.5	3.439	-17.50	56.6	S0312	.03090	8.4932	0.6	A
486 9001	51898.39	38 41S	62 16W	116.0	189.2	2.033	24.50	27.3	S0312	.04090	5.1514	0.8	V
9002	51902.79	38 41S	62 15W	119.2	188.2	1.810	25.20	27.3	S0312	.04090	5.9370	0.8	A
486 9001	56344.79	20 1N	75 11W	84.7	186.3	2.872	-33.25	71.6	S0312	.03090	8.5045	0.4	F
9002	56347.75	20 1N	75 11W	83.4	186.3	2.872	-32.90	71.6	S0312	.03090	8.7736	0.4	V
9003	56351.59	19 58N	75 9W	81.0	186.3	3.090	-28.70	71.7	S0312	.03090	8.9797	0.4	A
9004	56481.39	10 26N	75 33W	83.2	186.5	3.090	22.40	69.3	S0312	.04090	8.7524	0.4	F
9005	56484.39	10 26N	75 33W	82.6	186.5	2.872	23.10	69.3	S0312	.04090	8.8643	0.4	V
9006	56488.39	10 24N	75 30W	85.6	186.5	2.872	24.55	69.3	S0312	.03090	8.4108	0.8	A
9007	56495.59	9 26N	75 41W	84.3	186.5	3.090	23.45	68.7	S0312	.03090	8.6169	1.0	F
9008	56631.19	0 26N	78 8W	77.9	186.4	3.439	-12.95	61.7	S0312	.02200	9.3756	1.0	V
487 9001	61393.69	37 26N	92 57W	71.9	188.1	2.872	-6.25	67.1	S0312	.03090	10.0765	0.8	F
9002	61398.79	37 26N	92 57W	71.8	188.1	2.872	-4.55	67.2	S0312	.03090	10.1095	0.8	A
488 9001	66754.79	33 16N	115 56W	71.8	187.7	3.090	-3.85	69.6	S0312	.03090	10.0930	0.6	F
9002	66759.99	33 16N	115 56W	71.8	187.7	3.090	-2.80	69.6	S0312	.03090	10.1012	0.6	A
9003	66775.99	31 50N	116 33W	73.7	187.6	2.872	-15.75	70.1	S0312	.03090	9.8126	0.6	F
9004	66778.79	31 50N	116 34W	72.7	187.6	2.872	-15.40	70.1	S0312	.03090	10.0847	0.4	V
492 9001	1260.37	56 17N	161 1E	89.5	191.5	1.475	-32.90	52.0	S0312	.02200	8.1964	0.8	V
9002	1263.57	56 17N	161 1E	90.0	191.5	1.475	-32.55	52.0	S0312	.02200	8.0727	0.8	A
9003	1304.57	53 7N	160 8E	85.9	190.7	1.687	-30.45	54.8	S0312	.04090	8.5262	0.4	V
9004	1309.77	53 7N	160 8E	86.5	190.6	1.687	-30.10	54.8	S0312	.04090	8.3943	0.4	A
9005	2530.37	30 49S	143 6E	104.1	187.5	3.211	-18.90	34.0	S0312	.03090	8.8523	1.4	A
493 9001	6523.17	59 27N	133 4E	87.3	192.7	1.687	24.85	49.6	S0312	.03090	8.2706	0.8	A
9002	6646.57	50 50N	138 26E	74.5	190.2	2.170	2.10	56.9	S0312	.03090	9.8473	0.6	V
9003	6654.57	50 20N	137 30E	78.1	190.1	2.033	-17.35	57.3	S0312	.03090	9.2456	1.2	F

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
493 9004	6660.17	50 20N	137 30E	77.8	190.0	2.170	-17.50	57.3	S0312	.03090	9.3261	1.2	A
9005	6737.57	44 47N	136 27E	72.9	189.1	2.511	1.40	62.0	S0312	.03090	10.0600	0.4	V
9006	6740.17	44 47N	136 27E	73.7	189.0	2.511	1.75	62.0	S0312	.03090	9.8373	0.4	A
9007	6747.97	43 57N	135 28E	78.7	188.9	2.170	-22.75	62.4	S0312	.03090	9.1612	0.6	F
9008	6750.77	43 50N	135 28E	77.6	188.9	2.385	-22.75	62.4	S0312	.03090	9.4415	0.6	V
9009	6755.77	43 50N	135 29E	75.9	188.9	2.385	-19.25	62.7	S0312	.03090	9.6642	0.4	V
9010	6758.57	43 50N	135 29E	76.6	188.8	2.385	-18.90	62.7	S0312	.03090	9.4910	0.4	A
9011	6901.17	33 51N	132 43E	84.3	187.7	2.511	-33.25	68.8	S0312	.03090	8.6252	0.8	A
9012	7359.17	2 4N	128 19E	90.3	186.4	2.733	26.95	63.7	S0312	.02200	7.9490	0.6	A
9013	7373.17	1 9N	127 29E	79.7	186.4	3.574	-1.05	62.5	S0312	.02200	9.1612	0.8	A
9014	7377.37	0 52N	127 23E	78.8	186.4	3.574	-2.80	62.2	S0312	.02200	9.1612	0.8	A
494 9001	12206.97	33 47N	112 13E	80.3	187.7	2.733	25.20	69.9	S0130	.02260	9.1354	0.4	V
9002	12209.97	33 47N	112 10E	80.5	187.7	2.733	24.15	69.9	S0130	.02260	8.9952	0.4	A
9003	12313.37	26 21N	109 58E	72.0	187.2	3.211	-0.35	72.2	S0130	.02260	10.0835	0.6	F
9004	12317.77	26 14N	109 50E	71.1	187.2	3.211	-4.55	72.2	S0130	.02260	10.3144	0.4	V
9005	12320.37	26 14N	109 49E	72.0	187.2	3.211	-4.20	72.2	S0130	.02260	10.0753	0.6	A
9001	11937.57	52 10N	116 47E	74.6	190.5	2.170	2.45	55.8	S0312	.03090	9.8208	0.6	V
9002	11940.37	52 10N	116 47E	75.5	190.5	2.170	2.80	55.8	S0312	.03090	9.5382	0.4	A
9003	11944.77	52 1N	116 36E	75.2	190.4	2.170	0.70	56.1	S0312	.04090	9.6312	0.6	A
9004	11952.77	51 8N	116 0E	75.2	190.3	2.170	-8.05	56.8	S0312	.04090	9.6064	1.4	F
9005	11956.77	51 2N	115 57E	74.3	190.2	2.170	-8.40	56.8	S0312	.04090	9.8538	0.4	V
9006	11959.17	50 56N	115 53E	74.4	190.2	2.170	-8.75	57.0	S0312	.04090	9.8373	0.6	V
9007	11961.97	50 52N	115 53E	75.2	190.1	2.170	-8.40	57.0	S0312	.04090	9.6594	0.8	A
9008	11965.57	50 47N	115 51E	74.9	190.1	2.170	-7.00	57.2	S0312	.04090	9.6807	1.2	A
9009	11975.77	49 34N	115 46E	74.5	189.9	2.385	-2.45	57.8	S0312	.04090	9.7301	0.4	A
9010	11996.57	48 10N	114 40E	77.5	189.7	2.170	-18.90	59.1	S0312	.03090	9.3096	0.8	F
9011	12002.17	48 10N	114 39E	77.2	189.6	2.170	-18.55	59.1	S0312	.03090	9.4003	0.8	A
9012	12052.37	44 37N	114 45E	77.5	188.8	2.511	17.15	62.3	S0312	.03090	9.3508	0.4	A
9013	12064.17	43 50N	113 40E	73.9	188.9	2.511	-11.90	62.6	S0312	.03090	9.8208	0.4	A
9014	12072.97	43 20N	113 9E	77.9	188.8	2.385	-23.10	62.9	S0312	.03090	9.3178	0.4	A
9015	12086.37	41 50N	113 15E	72.8	188.7	2.511	-9.80	64.0	S0312	.03090	9.9198	1.0	F
9016	12100.57	41 5N	112 39E	76.3	188.5	2.385	-21.70	64.5	S0312	.03090	9.4580	0.4	F
9017	12107.57	40 52N	113 11E	72.3	188.5	2.733	-1.05	64.9	S0312	.03090	10.0352	0.6	A
9018	12112.37	40 9N	113 15E	73.5	188.4	2.733	7.35	65.6	S0312	.03090	9.8703	1.4	F
9019	12118.17	39 45N	113 9E	73.5	188.4	2.872	7.35	65.8	S0312	.03090	9.8706	1.0	F
9020	12123.57	39 45N	113 9E	73.6	188.3	2.733	6.48	65.9	S0312	.03090	9.8373	0.8	A
9021	12135.77	38 52N	111 36E	86.0	188.2	2.170	-36.05	65.8	S0312	.03090	8.5427	0.8	V
9022	12139.77	38 50N	111 37E	86.4	188.2	2.385	-35.70	65.8	S0312	.03090	8.4190	1.0	A
9023	12148.97	38 1N	112 33E	72.3	188.1	2.872	1.75	66.9	S0312	.03090	10.0270	0.8	A
9024	12154.57	37 26N	112 33E	72.3	188.1	2.872	7.00	67.4	S0312	.03090	10.1424	0.4	V
9025	12157.17	37 27N	112 33E	73.2	188.1	2.872	7.35	67.4	S0312	.03090	9.8951	0.4	A
9026	12166.37	36 10N	113 9E	90.5	188.0	2.511	33.95	68.6	S0312	.02200	8.0480	2.0	F
9027	12172.97	36 8N	112 51E	82.7	188.0	2.511	28.00	68.6	S0312	.02200	8.8308	1.0	V
9028	12177.17	35 40N	112 55E	86.0	187.9	2.511	31.50	68.8	S0312	.02200	8.5345	0.8	V
9029	12183.77	35 9N	112 37E	83.4	187.9	2.733	26.95	69.1	S0312	.02200	8.7159	1.0	F
9030	12190.97	34 42N	112 20E	79.4	187.8	2.872	21.70	69.3	S0312	.02200	9.1612	1.0	F
9031	12196.77	34 41N	112 20E	79.7	187.8	2.733	22.40	69.3	S0312	.02200	9.0622	0.8	A
9032	12200.57	34 14N	112 11E	77.9	187.8	2.733	21.00	69.5	S0312	.03090	9.4085	0.4	V
9033	12203.37	34 14N	112 11E	79.1	187.8	2.733	21.35	69.6	S0312	.03090	9.1447	0.4	A
9034	12209.97	33 46N	112 10E	80.4	187.7	2.733	24.15	69.9	S0312	.03090	8.9962	0.4	A
9035	12295.57	27 34N	110 9E	71.9	187.3	3.211	-3.15	71.9	S0312	.03090	10.0847	0.6	F
9036	12300.77	27 34N	110 9E	71.9	187.2	3.211	-2.10	71.9	S0312	.03090	10.0847	0.6	A
9037	12313.37	26 20N	109 58E	72.0	187.2	3.211	-0.35	72.2	S0312	.03090	10.0847	0.6	F
9038	12317.77	26 14N	109 50E	71.1	187.2	3.211	-4.55	72.2	S0312	.03090	10.3156	0.4	V
9039	12320.37	26 13N	109 49E	72.0	187.2	3.211	-4.20	72.2	S0312	.03090	10.0765	0.4	A
9040	12342.57	24 20N	109 28E	72.3	187.1	3.211	-4.55	72.5	S0312	.04090	10.0187	0.6	F
9041	12347.77	24 20N	109 29E	72.3	187.0	3.211	-3.50	72.5	S0312	.04090	10.0270	0.6	A
9042	12423.17	18 42N	108 52E	76.9	186.8	3.211	15.75	72.5	S0312	.03090	9.4580	0.6	F
9043	12428.17	18 44N	108 54E	79.3	186.8	2.872	21.00	72.6	S0312	.03090	9.1034	0.4	A
9044	12656.37	3 1N	105 42E	78.0	186.4	3.439	0.00	63.9	S0312	.03090	9.2456	0.4	A
9045	12681.37	0 36N	104 32E	90.9	186.4	3.211	-32.90	61.7	S0312	.03090	7.9078	1.0	F
495 5001	17185.17	56 20N	95 29E	79.6	191.7	1.687	-17.15	52.1	S0130	.02260	9.0529	0.6	F
5002	17189.57	56 17N	95 40E	76.8	191.6	1.687	-11.55	52.3	S0130	.03150	9.5229	0.4	V
5003	17192.37	56 17N	95 40E	77.6	191.5	1.687	-11.20	52.3	S0130	.03150	9.3415	0.4	A
9001	17072.97	64 9N	99 35E	80.3	194.8	1.332	-13.65	45.1	S0312	.04090	9.1034	0.8	V
9002	17075.97	64 9N	99 34E	81.1	194.7	1.332	-13.65	45.1	S0312	.04090	8.9220	0.8	A
9003	17119.77	60 30N	97 28E	81.8	193.6	1.475	-17.85	48.1	S0312	.04090	8.7983	0.6	F
9004	17122.77	60 49N	97 27E	80.7	193.2	1.475	-17.85	48.1	S0312	.04090	9.0457	0.6	V
9005	17185.17	56 24N	95 28E	79.7	191.7	1.687	-17.15	52.1	S0312	.04090	9.0540	0.6	F
9006	17189.57	56 17N	95 39E	76.8	191.6	1.687	-11.55	52.3	S0312	.04090	9.5246	0.4	V
9007	17192.37	56 17N	95 40E	77.6	191.5	1.687	-11.20	52.3	S0312	.04090	9.3426	0.4	A
9008	17413.77	40 30N	89 50E	91.0	188.5	1.810	-38.50	64.4	S0312	.02200	7.8995	0.6	F
9009	17420.37	40 49N	89 49E	90.2	188.4	2.033	-38.15	64.4	S0312	.02200	8.0727	0.6	A
9010	17576.97	29 20N	89 18E	84.8	187.4	2.733	31.15	72.0	S0312	.03090	8.5922	0.6	F
9011	17584.97	29 17N	89 53E	77.4	187.4	2.872	18.20	71.8	S0312	.02200	9.3508	0.6	A
9012	17610.57	27 30N	88 54E	86.1	187.2	2.511	32.20	72.7	S0312	.03090	8.3943	1.4	A
9013	17616.17	26 54N	88 41E	83.2	187.2	2.733	28.00	72.7	S0312	.03090	8.8148	0.8	V
9014	17622.37	26 42N	88 19E	77.1	187.2	3.090	17.15	72.5	S0312	.03090	9.3838	0.6	A
9015	17652.57	24 39N	87 28E	72.2	187.1	3.211	-1.05	72.5	S0312	.03090	10.0435	0.4	A
9016	17692.97	21 29N	87 2E	73.5	186.9	3.211	5.60	72.7	S0312	.04090	9.4703	1.0	F
9017	17698.37	21 29N	87 1E	73.8	186.9	3.211	6.30	72.7	S0312	.03090	9.8126	1.0	A
496 9081	22206.36	75 40N	91 16E	84.6	206.5	0.776	-2.80	53.9	S0312	.03090	8.5180	0.4	A

Handle via
BYEMAN Channels
BYE-8915/84

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
496 9002	22513.76	55 1N	73 29E	76.3	191.3	2.033	-2.10	53.5	S0312	.0409U	9.4745	1.4	F
9003	22519.36	55 0N	73 26E	76.1	191.2	2.033	-1.05	53.5	S0312	.0409U	9.5157	1.2	A
9004	22554.56	52 26N	72 2E	75.8	190.5	2.033	-12.95	55.6	S0312	.0409U	9.6559	0.6	V
9005	22557.36	52 25N	72 2E	76.6	190.5	2.033	-12.60	55.6	S0312	.0409U	9.4745	0.6	A
9006	22585.56	50 10N	71 45E	73.9	190.1	2.170	0.35	57.5	S0312	.0309U	9.9198	0.6	V
9007	22588.36	50 10N	71 45E	74.7	190.0	2.170	0.70	57.6	S0312	.0309U	9.7054	0.4	A
9008	22634.56	46 56N	70 50E	73.6	189.4	2.385	5.25	60.4	S0312	.0309U	9.9610	0.4	V
9009	22637.36	46 56N	70 50E	74.5	189.4	2.385	5.60	60.4	S0312	.0309U	9.7301	0.4	A
9010	22697.96	42 49N	68 50E	76.5	188.7	2.385	-19.25	63.6	S0312	.0309U	9.4415	0.6	F
9011	22700.76	42 49N	68 50E	75.4	188.7	2.385	-18.90	63.6	S0312	.0309U	9.7219	0.6	V
9012	22711.16	41 26N	69 35E	76.3	188.6	2.733	14.70	64.7	S0312	.0309U	9.5075	0.4	F
9013	22713.96	41 26N	69 35E	75.6	188.6	2.511	15.40	64.7	S0312	.0309U	9.7156	0.4	V
9014	22714.76	41 21N	69 29E	74.7	188.5	2.733	10.50	64.8	S0312	.0309U	9.6389	0.8	A
9015	22759.56	38 47N	69 14E	84.1	188.2	2.511	30.10	67.2	S0312	.0220U	8.7406	0.4	V
9016	22762.56	38 47N	69 14E	85.3	188.2	2.511	30.45	67.2	S0312	.0220U	8.4767	0.4	A
9017	22769.16	37 52N	68 43E	78.7	188.1	2.733	20.30	67.3	S0312	.0220U	9.1941	0.6	A
9018	22793.96	35 54N	68 48E	88.8	187.9	2.511	33.95	68.8	S0312	.0220U	8.2576	1.0	V
9019	22797.36	35 54N	68 47E	90.3	187.9	2.511	34.30	68.9	S0312	.0220U	7.9757	0.8	A
9020	22832.76	33 52N	67 10E	70.9	187.7	3.090	-2.10	69.6	S0312	.0309U	10.2414	0.6	A
9021	22860.56	31 52N	65 51E	83.6	187.5	2.511	-34.30	69.9	S0312	.0220U	8.7918	0.8	V
9022	22863.56	31 52N	65 51E	84.1	187.5	2.733	-33.95	69.9	S0312	.0220U	8.6582	0.8	A
497 9001	27870.56	51 50N	48 34E	94.5	190.4	1.332	-38.15	55.9	S0130	.0226U	7.6183	0.8	F
9002	27873.96	51 50N	48 34E	92.9	190.4	1.332	-37.80	55.9	S0130	.0226U	7.8739	0.6	V
9001	27671.96	65 15N	57 18E	79.9	195.5	1.475	7.70	44.2	S0312	.0409U	9.1529	0.6	V
9002	27674.76	65 14N	57 19E	80.8	195.3	1.475	8.05	44.2	S0312	.0409U	8.9468	0.6	A
9003	27683.76	64 24N	55 11E	83.7	195.0	1.113	-19.25	44.8	S0312	.0220U	8.5922	0.4	F
9004	27689.56	64 12N	55 16E	80.9	194.8	1.332	-15.40	45.1	S0312	.0220U	9.0375	0.8	V
9005	27692.56	64 11N	55 17E	81.6	194.7	1.332	-15.05	45.1	S0312	.0220U	8.8726	0.8	A
9006	27766.56	58 52N	52 14E	81.0	192.5	1.475	-18.55	50.0	S0312	.0409U	8.8030	0.6	F
9007	27769.56	58 49N	52 14E	79.8	192.4	1.475	-18.20	50.0	S0312	.0409U	9.1612	0.6	V
9008	27777.96	58 41N	52 40E	76.2	192.2	1.810	-2.10	50.7	S0312	.0409U	9.5982	0.6	V
9009	27780.76	58 41N	52 40E	77.0	192.1	1.810	-2.10	50.7	S0312	.0409U	9.4003	0.6	A
9010	27787.36	57 47N	53 10E	80.7	192.0	1.810	17.85	51.4	S0312	.0409U	9.0705	0.4	V
9011	27792.56	56 51N	53 15E	85.5	191.9	2.033	23.80	52.0	S0312	.0309U	8.4645	0.6	F
9012	27795.56	56 50N	53 11E	83.7	191.8	1.810	23.10	52.0	S0312	.0309U	8.7489	0.8	V
9013	27798.56	56 50N	53 11E	84.9	191.7	1.810	23.45	52.0	S0312	.0309U	8.5262	1.0	A
9014	27810.96	56 45N	51 6E	79.8	191.5	1.810	-18.55	52.3	S0312	.0409U	9.0952	0.4	A
9015	27822.16	55 49N	52 2E	79.0	191.3	2.033	13.30	53.3	S0312	.0409U	9.1612	0.6	A
9016	27848.56	53 44N	50 19E	76.4	190.8	2.033	-10.15	55.0	S0312	.0409U	9.4498	0.6	F
9017	27851.36	53 44N	50 18E	75.5	190.7	2.033	-10.15	55.0	S0312	.0409U	9.7054	0.8	V
9018	27854.36	53 43N	50 17E	76.3	190.7	2.033	-10.15	55.0	S0312	.0409U	9.5075	0.6	A
9019	27857.76	52 59N	50 16E	75.8	190.6	2.033	-8.05	55.2	S0312	.0409U	9.5652	0.8	A
9020	27884.56	51 9N	49 39E	75.2	190.2	2.170	-7.35	56.8	S0312	.0409U	9.6394	0.6	A
9021	27897.36	50 10N	48 34E	82.4	190.0	1.810	-27.65	57.4	S0312	.0309U	8.8808	0.4	V
9022	27909.56	49 0N	49 33E	76.3	189.8	2.385	9.80	58.7	S0312	.0409U	9.4992	0.4	F
9023	27912.36	49 0N	49 32E	75.3	189.8	2.385	9.80	58.7	S0312	.0409U	9.7301	1.0	V
9024	27915.56	48 56N	49 31E	76.1	189.8	2.385	9.80	58.8	S0312	.0309U	9.5157	0.6	A
9025	27926.76	47 56N	48 9E	78.9	189.6	2.033	-21.35	59.3	S0312	.0309U	9.1529	1.0	F
9026	27932.36	47 57N	48 8E	78.5	189.5	2.170	-21.00	59.3	S0312	.0309U	9.2436	1.2	A
9027	27941.96	46 54N	48 19E	74.3	189.4	2.385	-7.80	60.3	S0312	.0309U	9.7301	2.0	F
9028	27947.36	46 54N	48 19E	74.1	189.4	2.385	-6.30	60.3	S0312	.0309U	9.7879	2.0	A
9029	27954.76	46 26N	47 59E	75.2	189.3	2.385	-12.95	60.6	S0312	.0309U	9.6559	0.6	A
9030	27983.96	43 58N	47 38E	73.5	189.0	2.511	-2.10	62.7	S0312	.0409U	9.8558	0.6	F
9031	27989.16	43 58N	47 38E	73.4	188.9	2.511	-1.40	62.7	S0312	.0409U	9.8786	0.6	A
9032	27997.76	43 0N	47 30E	73.6	188.8	2.733	2.10	63.4	S0312	.0409U	9.8456	0.6	F
9033	28002.96	43 1N	47 30E	73.6	188.8	2.733	2.80	63.4	S0312	.0409U	9.8558	0.6	A
9034	28010.16	42 10N	46 3E	82.5	188.7	2.385	26.25	64.3	S0312	.0309U	8.8890	0.6	V
9035	28022.36	41 26N	46 25E	76.3	188.6	2.511	-19.95	64.4	S0312	.0220U	9.4580	0.6	F
9036	28025.16	41 26N	46 25E	75.3	188.6	2.511	-19.60	64.4	S0312	.0220U	9.7384	0.4	V
9037	28031.36	40 48N	46 19E	75.7	188.5	2.511	-18.20	64.8	S0312	.0220U	9.5405	0.8	F
9038	28036.76	40 48N	46 19E	75.3	188.5	2.733	-17.50	64.8	S0312	.0220U	9.6559	0.8	A
9039	28044.16	39 49N	46 45E	73.5	188.4	2.872	5.25	65.8	S0312	.0409U	9.8621	1.0	F
9040	28049.76	39 47N	46 45E	73.6	188.3	2.733	6.30	65.8	S0312	.0409U	9.8456	0.6	A
9041	28060.36	38 59N	45 38E	78.2	188.3	2.511	-26.25	65.9	S0312	.0309U	9.3591	0.6	V
9042	28069.36	38 50N	46 17E	72.8	188.2	2.872	3.85	67.0	S0312	.0309U	9.9618	1.0	F
9043	28074.56	38 50N	46 18E	72.9	188.1	2.872	4.90	67.0	S0312	.0309U	9.9448	1.0	A
9044	28079.76	37 42N	46 11E	72.7	188.1	2.872	6.30	67.5	S0312	.0309U	9.9775	0.6	F
9045	28084.96	37 42N	46 11E	72.9	188.1	2.872	7.35	67.5	S0312	.0309U	9.9445	0.6	A
9046	28091.56	36 48N	45 43E	70.9	188.0	2.872	-5.25	67.7	S0312	.0309U	10.3403	0.4	V
9047	28097.76	36 49N	45 29E	72.0	188.0	2.872	-9.10	68.0	S0312	.0309U	10.0435	0.6	F
9048	28102.96	36 49N	45 29E	71.9	187.9	2.872	-8.40	68.0	S0312	.0309U	10.0930	0.6	A
9049	28108.76	35 53N	45 26E	71.1	187.9	2.872	-5.25	68.4	S0312	.0309U	10.3156	0.6	V
9050	28111.56	35 54N	45 26E	71.9	187.9	2.872	-4.90	68.4	S0312	.0309U	10.0930	0.4	A
9051	28119.76	34 57N	45 30E	72.9	187.8	3.090	4.90	69.1	S0312	.0309U	9.9528	0.6	F
9052	28124.96	34 57N	45 30E	73.1	187.8	2.872	6.30	69.1	S0312	.0309U	9.9198	0.6	A
9053	28133.16	33 45N	44 41E	75.3	187.7	2.872	-18.90	69.2	S0312	.0309U	9.5942	0.4	F
9054	28135.76	33 46N	44 41E	74.2	187.7	2.872	-18.55	69.2	S0312	.0309U	9.8703	0.4	U
9055	28140.96	33 45N	44 39E	75.8	187.7	2.872	-20.30	69.4	S0312	.0309U	9.5248	0.6	F
9056	28143.76	33 43N	44 39E	74.8	187.7	2.872	-19.95	69.4	S0312	.0309U	9.8043	0.4	V
9057	28149.56	33 50N	44 13E	78.9	187.6	2.733	-27.65	69.5	S0312	.0309U	9.2951	1.0	V
9058	28153.36	33 47N	44 9E	81.0	187.6	2.733	-29.40	69.4	S0312	.0309U	8.9797	1.0	A
9059	28160.76	33 0N	44 18E	74.4	187.6	2.872	-19.25	70.0	S0312	.0309U	9.8456	0.4	V
9060	28172.16	31 46N	44 4E	75.4	187.5	2.872	-21.70	70.3	S0312	.0220U	9.7219	1.0	V
9061	28522.16	7 6N	39 59E	74.1	186.5	3.439	-3.15	66.6	S0312	.0309U	9.8366	1.0	V
9062	28666.16	3 6S	37 2E	109.0	186.4	2.733	-44.80	58.2	S0312	.0220U	6.5802	0.8	F

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
497 9063	28671.56	3 24S	37 5E	104.7	186.4	2.872	-42.00	58.0	S0312	.02200	6.8358	0.5	F
9064	28677.36	3 20S	37 20E	95.4	186.4	3.439	-34.65	54.3	S0312	.03090	7.5862	0.3	A
9065	28851.36	15 47S	35 0E	105.8	186.7	3.090	-36.05	47.5	S0312	.03090	6.7616	0.4	F
9066	28855.16	15 47S	35 1E	103.9	186.7	3.090	-35.35	47.5	S0312	.03090	6.9925	0.4	V
9067	28870.96	16 49S	36 53E	112.7	186.7	2.033	-35.35	47.7	S0312	.04090	6.2998	1.2	A
9068	28912.96	19 40S	34 50E	93.2	186.8	3.439	-17.50	44.2	S0312	.04090	7.7923	0.5	V
9069	28916.36	19 40S	34 50E	94.2	186.8	3.439	-16.80	44.2	S0312	.04090	7.6109	0.5	A
9070	28941.16	24 40S	33 32E	104.2	187.1	3.090	-27.30	39.5	S0312	.03090	6.8523	0.6	F
9071	28944.96	24 40S	33 31E	103.3	187.1	3.090	-27.30	39.5	S0312	.03090	7.0172	0.6	V
9072	28946.36	24 40S	33 30E	103.4	187.1	3.090	-27.30	39.5	S0312	.03090	7.0090	0.6	V
9073	28990.16	24 40S	33 29E	104.9	187.1	3.090	-27.30	39.5	S0312	.03090	6.8358	0.6	A
9074	29002.16	25 00S	32 54E	116.9	187.1	3.211	-37.45	38.6	S0312	.03090	6.1266	1.0	A
9075	29008.76	25 00S	32 57E	113.2	187.2	3.211	-34.30	38.2	S0312	.02200	6.3245	1.0	A
9076	29034.36	27 04S	32 27E	115.2	187.3	2.872	-35.35	36.3	S0312	.03090	6.2668	0.8	V
9077	29038.56	27 04S	32 27E	116.6	187.3	3.090	-36.35	36.3	S0312	.03090	6.1431	0.8	A
498 9001	32947.36	67 24N	34 14E	94.1	196.9	0.776	-31.50	42.0	S0312	.02200	7.6274	0.6	F
9002	32950.76	67 24N	34 14E	92.6	196.7	0.986	-31.50	42.0	S0312	.02200	7.8830	0.5	V
9003	32961.96	66 52N	34 18E	79.7	195.4	1.475	-4.55	44.4	S0312	.03090	9.0457	0.8	F
9004	32967.56	66 52N	34 18E	79.5	195.2	1.475	-4.20	44.4	S0312	.03090	9.0952	1.0	A
9005	32995.76	64 08N	32 56E	83.0	194.8	1.332	-16.55	45.1	S0312	.04090	8.6746	0.8	F
9006	33030.76	61 50N	33 58E	88.3	193.7	1.475	25.90	47.4	S0312	.03090	8.1881	0.6	A
9007	33058.16	60 08N	30 31E	82.6	192.9	1.475	-22.75	48.8	S0312	.04090	8.8478	0.8	V
9008	33061.16	60 04N	30 31E	83.2	192.8	1.475	-22.40	48.8	S0312	.04090	8.6994	0.8	A
9009	33064.16	59 43N	30 21E	82.0	192.7	1.475	-22.05	49.1	S0312	.04090	8.9138	0.8	V
9010	33067.16	59 43N	30 21E	82.7	192.7	1.687	-22.05	49.1	S0312	.04090	8.7571	0.8	A
9011	33073.16	59 20N	29 57E	83.2	192.5	1.475	-22.75	49.9	S0312	.04090	8.6582	0.8	F
9012	33076.16	58 42N	29 51E	83.1	192.4	1.475	-22.75	50.1	S0312	.04090	8.6664	0.8	F
9013	33083.16	58 16N	30 20E	77.5	192.3	1.687	-7.35	50.6	S0312	.04090	9.3096	0.8	F
9014	33088.76	58 10N	30 21E	77.2	192.1	1.810	-6.65	50.6	S0312	.04090	9.3756	0.8	A
9015	33137.96	54 20N	30 18E	87.8	191.1	2.033	29.05	54.2	S0312	.03090	8.3448	0.8	V
9016	33141.16	54 20N	30 19E	89.2	191.1	1.810	29.75	54.2	S0312	.03090	8.1139	0.8	A
9017	33155.36	53 27N	28 31E	74.7	190.8	2.170	-3.85	54.8	S0312	.04090	9.8126	0.8	V
9018	33158.16	53 27N	28 31E	75.5	190.8	2.170	-3.50	54.9	S0312	.04090	9.6064	0.8	A
9019	33168.76	52 17N	28 38E	77.4	190.6	2.385	10.85	56.0	S0312	.04090	9.3673	0.8	F
9020	33172.56	52 13N	28 38E	76.2	190.6	2.170	10.15	56.0	S0312	.04090	9.6312	0.4	V
9021	33175.56	52 12N	28 38E	77.2	190.5	2.170	11.20	56.0	S0312	.04090	9.3756	0.8	A
9022	33252.56	46 50N	26 55E	78.7	189.4	2.511	17.50	60.9	S0312	.02200	9.2354	0.8	F
9023	33258.16	46 30N	26 56E	79.0	189.3	2.385	18.55	60.9	S0312	.02200	9.1529	0.8	A
9024	33276.56	45 40N	25 40E	73.7	189.1	2.511	-7.00	61.8	S0312	.02200	9.8208	1.4	F
9025	33281.96	44 50N	25 40E	73.5	189.1	2.511	-6.30	61.8	S0312	.02200	9.8703	0.9	A
9026	33290.76	44 30N	25 6E	76.2	189.0	2.511	15.40	62.7	S0312	.03090	9.6229	0.6	V
9027	33293.56	44 20N	26 6E	77.2	188.9	2.511	15.75	62.7	S0312	.03090	9.3756	0.6	A
9028	33303.96	43 10N	24 43E	77.5	188.8	2.385	-21.35	63.1	S0312	.03090	9.3201	0.4	F
9029	33306.76	43 10N	24 43E	76.4	188.8	2.385	-21.00	63.1	S0312	.03090	9.5382	0.4	V
9030	33313.16	42 41N	24 60E	72.2	188.7	2.733	-8.05	63.6	S0312	.04090	10.1672	0.4	V
9031	33315.76	42 41N	24 60E	72.9	188.7	2.733	-7.70	63.6	S0312	.03090	9.9528	0.4	A
9032	33320.36	42 12N	24 45E	73.1	188.7	2.511	-11.90	63.9	S0312	.03090	10.0270	0.6	V
9033	33323.16	42 12N	24 45E	73.8	188.6	2.733	-11.55	63.9	S0312	.03090	9.8291	0.6	A
9034	33330.56	41 55N	23 48E	86.2	188.6	2.170	-35.55	64.0	S0312	.02200	8.4450	0.6	V
9035	33333.56	41 50N	23 47E	87.4	188.5	2.385	-35.70	64.0	S0312	.02200	8.3283	0.6	A
9036	33344.36	40 49N	23 52E	81.1	188.3	2.511	-28.35	64.7	S0312	.04090	8.9550	0.6	A
9037	33376.76	38 10N	23 34E	75.6	188.2	2.733	-18.90	66.6	S0312	.03090	9.5576	0.6	F
9038	33379.56	38 9N	23 34E	74.6	188.2	2.733	-18.55	66.6	S0312	.04090	9.8373	0.6	V
9039	33381.76	38 0N	23 31E	74.6	188.1	2.733	-18.55	66.7	S0312	.03090	9.8373	0.4	V
9040	33506.16	29 10N	21 36E	75.4	187.4	2.872	-19.60	71.1	S0312	.03090	9.5917	0.8	F
9041	33516.76	28 51N	21 50E	72.2	187.3	3.090	-6.30	71.5	S0312	.03090	10.0435	0.8	A
9042	33522.76	28 24N	21 50E	72.5	187.3	3.090	2.80	71.8	S0312	.03090	9.9858	1.0	A
9043	33539.56	27 16N	21 37E	72.2	187.2	3.211	-1.75	72.0	S0312	.03090	10.0435	1.2	A
9044	33743.36	14 17N	19 19E	83.1	186.6	3.211	-29.40	69.6	S0312	.03090	8.7324	1.0	A
9045	34060.36	9 9S	15 42E	91.6	186.5	3.090	21.00	54.3	S0312	.03090	7.8913	1.2	F
9046	34069.16	9 10S	14 60E	83.9	186.5	3.574	-4.55	53.8	S0312	.03090	8.5674	0.8	A
9047	34112.16	12 04S	13 25E	106.5	186.6	3.090	-38.50	50.3	S0312	.02200	6.7203	1.2	F
9048	34117.76	12 20S	13 29E	103.8	186.5	3.439	-36.40	50.5	S0312	.02200	6.9512	1.0	A
9049	34145.76	14 04S	13 30E	93.5	186.6	3.439	-23.45	48.5	S0312	.03090	7.6769	0.6	F
9050	34147.76	15 2S	13 28E	92.8	186.6	3.439	-23.45	48.4	S0312	.03090	7.7346	0.6	F
9051	34151.16	15 2S	13 27E	91.9	186.7	3.439	-23.45	48.4	S0312	.03090	7.9160	0.6	V
9052	34160.16	15 44S	14 5E	87.5	186.7	3.211	4.55	48.2	S0312	.03090	8.3118	0.6	V
9053	34163.36	15 44S	14 5E	88.7	186.7	3.211	4.90	48.2	S0312	.03090	8.0644	0.6	A
9054	34167.76	16 20S	13 54E	88.6	186.7	3.211	3.15	47.5	S0312	.03090	8.1304	1.0	F
9055	34177.56	17 10S	14 33E	104.1	186.7	2.511	28.70	47.2	S0312	.03090	6.9430	1.0	F
9056	34186.16	17 10S	13 55E	91.4	186.7	3.090	9.45	46.8	S0312	.03090	7.8171	0.6	A
499 9001	38523.15	49 9N	4 27E	77.1	189.9	2.170	-17.15	58.4	S0312	.03090	9.3673	1.0	F
9002	38528.75	49 9N	4 27E	76.7	189.8	2.385	-16.80	58.4	S0312	.03090	9.4663	0.8	A
9003	38836.55	27 26N	0 16W	72.3	187.3	3.090	2.10	71.9	S0312	.03090	10.0187	1.0	A
501 9001	48789.95	72 10N	23 52W	82.6	201.6	1.113	9.45	57.4	S0312	.03090	8.8396	1.0	V
9002	50287.35	30 14S	54 57W	100.0	187.4	2.872	6.30	34.8	S0312	.04090	7.1739	0.6	F
9003	50304.75	30 02S	55 33W	99.7	187.3	3.090	-7.00	34.0	S0312	.04090	7.1491	0.4	A
9004	50330.55	32 40S	56 31W	105.9	187.6	3.090	-22.05	32.0	S0312	.04090	6.8193	0.4	V
9005	50334.15	33 14S	56 30W	105.4	187.7	3.090	-18.90	31.5	S0312	.04090	6.7498	1.2	F
9006	50348.75	34 19S	56 41W	105.7	187.8	3.090	-17.85	30.6	S0312	.04090	6.7451	0.6	F
9007	50358.35	34 47S	56 1W	102.2	187.8	2.733	4.20	30.5	S0312	.04090	7.0502	1.6	V
9008	50368.15	35 19S	57 17W	111.0	187.9	3.090	-25.90	29.5	S0312	.04090	6.4977	1.0	V

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
501 9009	50372.35	35 20S	57 17W	112.4	187.9	3.090	-25.55	23.5	SO312	.04090	6.3410	0.8	A
9010	50398.95	37 40S	57 24W	107.3	188.1	2.872	-14.70	27.4	SO312	.04090	6.6379	0.4	F
9011	50402.75	37 40S	57 24W	106.2	188.1	2.872	-14.35	27.4	SO312	.04090	6.7781	0.6	V
502 9001	55376.14	15 20S	74 45W	89.3	186.7	3.439	-14.00	48.2	SO312	.03090	8.0562	1.4	F
503 9001	60152.34	20 57N	89 35W	79.3	186.9	3.090	20.30	73.0	SO312	.03090	9.1777	0.6	F
9002	60155.14	20 50N	89 36W	78.4	186.9	2.872	20.65	73.0	SO312	.03090	9.3591	0.6	V
504 9001	65293.14	32 10N	109 53W	71.3	187.6	3.090	0.35	70.3	SO312	.03090	10.1672	0.6	F
9002	65298.34	32 10N	109 53W	71.4	187.6	3.090	1.40	70.3	SO312	.03090	10.1307	0.6	A
9003	65339.34	29 0N	111 3W	75.0	187.4	2.872	-19.25	71.2	SO312	.03090	9.6394	0.8	F
9004	65345.34	29 4N	110 55W	72.9	187.3	3.090	-12.95	71.3	SO312	.03090	9.9528	1.2	A
9005	65360.34	28 0N	110 55W	72.0	187.3	3.211	-4.20	71.8	SO312	.03090	10.0765	1.0	A
508 9001	86044.13	65 0N	173 16E	80.2	195.6	1.332	-9.80	44.0	SO312	.04090	9.1117	0.6	V
509 5001	5243.32	45 57N	142 5E	79.6	189.2	2.170	-25.55	61.0	SO130	.02260	9.1931	0.6	V
5002	5246.32	45 57N	142 4E	80.3	189.2	2.170	-25.20	61.0	SO130	.02260	9.0529	0.4	A
9001	5225.32	46 0N	142 40E	76.9	189.4	2.170	-17.50	60.3	SO312	.03090	9.3920	0.4	F
9002	5228.12	46 0N	142 40E	75.8	189.4	2.170	-17.15	60.3	SO312	.03090	9.6642	0.4	V
9003	5234.32	46 4N	142 40E	74.6	189.3	2.385	-9.80	60.6	SO312	.03090	9.7301	0.4	A
9004	5240.52	45 57N	142 4E	80.9	189.3	2.170	-25.90	61.0	SO312	.03090	8.9158	0.4	F
9005	5243.32	45 57N	142 4E	79.6	189.2	2.170	-25.55	61.0	SO312	.03090	9.1941	0.4	V
9006	5303.92	41 40N	140 50E	81.7	188.6	2.170	-20.75	64.0	SO312	.03090	8.9550	1.0	V
9007	5310.52	41 10N	141 11E	74.1	188.5	2.385	-15.40	64.6	SO312	.03090	9.9033	0.6	V
9008	5315.92	40 40N	140 42E	80.1	188.5	2.385	-26.60	64.0	SO312	.03090	9.0127	0.8	F
9009	5330.92	39 54N	141 59E	82.9	188.4	2.733	25.90	66.4	SO312	.03090	8.7414	0.6	F
9010	5339.12	39 20N	141 9E	72.7	188.3	2.872	-0.70	66.1	SO312	.03090	9.9775	1.2	A
9011	5349.92	38 41N	141 2E	73.3	188.2	2.872	4.90	66.4	SO312	.04090	9.8951	1.0	F
9012	5356.32	38 17N	140 54E	72.7	188.2	2.872	1.05	66.9	SO312	.03090	9.9775	0.6	A
9013	5369.52	37 42N	140 43E	72.1	188.1	2.872	2.45	67.5	SO312	.03090	10.0600	0.8	A
9014	5379.72	36 10N	140 34E	73.2	188.0	2.872	5.60	68.2	SO312	.03090	9.9198	1.0	F
9015	5385.12	36 10N	140 34E	73.3	188.0	2.872	6.65	68.3	SO312	.03090	9.8968	0.8	A
9016	5392.52	35 50N	140 1E	72.9	187.9	2.872	-10.15	68.3	SO312	.03090	9.9693	0.6	A
510 9001	10392.52	56 50N	124 53E	76.9	191.7	2.033	4.20	52.0	SO312	.03090	9.4086	0.6	A
9002	10506.52	48 47N	121 54E	75.1	189.8	2.385	6.30	59.1	SO312	.03090	9.6477	0.4	F
9003	10511.32	48 50N	121 48E	74.4	189.7	2.385	3.85	59.0	SO312	.04090	9.7384	0.6	A
9004	10513.92	48 40N	121 45E	74.5	189.7	2.385	3.85	59.1	SO312	.04090	9.7301	1.0	A
9005	10537.12	46 44N	121 0E	73.8	189.4	2.511	-1.40	60.7	SO312	.03090	9.8126	0.6	F
9006	10542.92	46 41N	121 4E	73.9	189.3	2.511	1.75	60.7	SO312	.03090	9.8126	0.6	A
9007	10556.32	45 54N	120 52E	73.5	189.2	2.511	5.60	61.7	SO312	.04090	9.9458	1.0	V
9008	10572.72	44 45N	119 41E	79.1	189.0	2.385	-23.80	62.0	SO312	.03090	9.1777	0.4	A
9009	10596.12	42 50N	119 3E	80.8	188.8	2.170	-28.70	63.2	SO312	.03090	9.0869	0.4	V
9010	10601.72	42 42N	118 56E	80.5	188.7	2.170	-26.95	63.7	SO312	.02200	8.9715	0.4	F
9011	10603.32	42 10N	118 57E	80.4	188.7	2.170	-26.95	63.8	SO312	.02200	8.9797	0.8	F
9012	10607.32	42 11N	118 50E	80.9	188.7	2.170	-29.05	63.8	SO312	.02200	9.0705	0.8	V
9013	10610.32	42 11N	118 51E	81.4	188.6	2.385	-28.70	63.8	SO312	.02200	8.9303	0.8	A
9014	10620.52	41 1N	119 22E	72.5	188.5	2.733	-3.15	65.0	SO312	.03090	9.9858	0.6	F
9015	10624.72	40 45N	119 8E	73.2	188.5	2.733	-8.75	65.1	SO312	.03090	9.8368	0.6	F
9016	10629.52	40 47N	119 9E	73.0	188.5	2.733	-7.70	65.1	SO312	.03090	9.9445	1.0	A
9017	10636.72	40 0N	119 28E	73.7	188.4	2.733	9.80	65.9	SO312	.03090	9.9610	0.4	V
9018	10639.32	40 0N	119 28E	74.6	188.4	2.734	10.15	65.9	SO312	.03090	9.7054	0.4	A
9019	10643.72	39 46N	119 10E	72.6	188.3	2.733	1.75	65.9	SO312	.03090	9.9940	1.2	A
9020	10650.72	39 19N	118 49E	72.9	188.3	2.872	-7.00	66.1	SO312	.03090	9.9610	0.4	A
9021	10671.72	37 29N	118 40E	73.0	188.1	2.872	3.50	67.5	SO312	.03090	9.9363	0.4	F
9022	10675.92	37 24N	118 29E	72.5	188.1	2.872	-3.50	67.3	SO312	.03090	10.0105	0.6	A
9023	10677.32	37 29N	118 27E	72.5	188.1	2.872	-3.50	67.4	SO312	.03090	10.0023	0.4	A
9024	10684.32	36 41N	117 40E	78.8	188.0	2.511	-25.55	67.5	SO312	.02200	9.1447	0.8	F
9025	10688.12	36 26N	117 31E	80.6	188.0	2.511	-28.35	67.6	SO312	.03090	8.9468	1.2	F
9026	10691.52	36 24N	117 31F	79.4	188.0	2.511	-28.00	67.7	SO312	.03090	9.2271	0.6	V
9027	10696.12	36 0N	117 40F	75.2	187.9	2.733	-20.65	68.0	SO312	.03090	9.7549	0.6	V
9028	10702.52	35 55N	117 51E	71.5	187.9	2.872	-10.15	68.4	SO312	.03090	10.2579	0.4	V
9029	10708.72	35 0N	117 17E	78.8	187.9	2.511	-25.55	68.5	SO312	.03090	9.1529	0.6	F
9030	10711.32	34 50N	117 15E	78.8	187.8	2.511	-25.55	68.6	SO312	.02200	9.1529	0.4	F
9031	10714.32	34 49N	117 13E	78.3	187.8	2.733	-26.60	68.6	SO312	.03090	9.3673	0.6	V
9032	10718.92	34 16N	117 14E	77.0	187.8	2.733	-22.75	68.9	SO312	.02200	9.3756	0.8	F
9033	10722.52	34 10N	117 10E	76.6	187.8	2.733	-23.80	68.9	SO312	.03090	9.5817	0.8	V
9034	10729.12	33 56N	117 1E	77.9	187.7	2.733	-24.50	69.3	SO312	.02200	9.2601	0.4	F
9035	10749.52	33 32N	116 48E	80.7	187.6	2.872	23.45	70.7	SO312	.02200	8.4962	1.4	F
9036	10759.72	31 56N	117 9E	72.3	187.6	3.090	-6.30	70.4	SO312	.03090	10.0187	0.8	F
9037	10767.92	31 50N	117 10E	72.2	187.6	3.090	-5.25	70.4	SO312	.03090	10.0517	0.6	A
9038	10768.12	30 43N	117 54E	86.6	187.5	2.733	30.45	71.6	SO312	.03090	8.4108	0.6	F
9039	10771.32	30 43N	117 54E	86.0	187.5	2.511	31.15	71.7	SO312	.03090	8.5427	0.6	V
9040	10794.52	29 47N	116 15E	77.2	187.4	2.872	-23.45	70.9	SO312	.04090	9.3308	0.4	F
9041	10797.12	29 47N	116 15E	76.1	187.4	2.872	-23.10	70.9	SO312	.04090	9.6229	0.6	V
9042	10812.72	28 0N	115 34E	84.3	187.3	2.511	-34.30	71.2	SO312	.02200	8.6829	0.8	V
9043	10815.72	28 0N	115 33E	85.1	187.3	2.733	-34.30	71.2	SO312	.02200	8.5510	1.0	A
511 5001	15977.92	37 50N	96 50E	73.5	186.1	2.872	13.30	67.6	SO130	.01710	9.8959	0.6	F

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
511 5002	15983.32	37 56N	96 50E	73.7	188.1	2.733	14.00	67.6	S0130	.01710	9.8362	0.6	A
9001	15915.12	42 25N	97 6E	75.6	188.7	2.511	-19.25	63.8	S0312	.03090	9.6084	0.4	V
9002	15942.12	40 15N	97 22E	72.6	188.4	2.733	8.40	65.7	S0312	.03090	10.1012	0.6	V
9003	15944.92	40 14N	97 21E	73.5	188.4	2.733	8.75	65.7	S0312	.03090	9.8538	0.6	A
9004	15983.12	37 56N	96 50E	73.7	188.1	2.733	14.00	67.6	S0312	.03090	9.8373	0.6	A
512 9001	20919.92	69 25N	88 14E	80.8	198.4	1.113	-6.30	40.4	S0312	.04090	9.0292	0.5	V
9002	20822.92	69 22N	88 13E	81.7	198.2	1.113	-6.30	40.4	S0312	.04090	8.8478	1.6	A
9003	20858.32	66 37N	86 12E	80.4	196.4	1.332	-0.35	43.0	S0312	.03090	8.9715	0.8	F
9004	20864.12	66 37N	86 12E	80.2	196.2	1.332	0.00	43.0	S0312	.03090	9.0127	0.6	A
9005	21092.72	50 47N	78 33E	77.3	190.2	2.385	11.90	57.4	S0312	.03090	9.3673	2.2	F
9006	21098.32	50 47N	78 33E	77.5	190.1	2.170	12.95	57.5	S0312	.03090	9.3508	2.2	A
9007	21103.92	50 47N	78 33E	76.7	190.0	2.170	13.65	58.0	S0312	.04090	9.5570	0.6	V
9008	21106.72	50 47N	78 33E	77.7	190.0	2.170	14.00	58.0	S0312	.03090	9.3178	0.6	A
9009	21391.72	39 55N	72 9E	77.0	187.5	2.733	-24.50	70.6	S0312	.02200	9.5240	0.6	V
9010	21395.52	39 57N	72 9E	76.3	187.4	2.733	-21.35	70.9	S0312	.02200	9.4745	1.0	F
9011	21405.92	29 25N	71 41E	83.4	187.4	2.511	-32.20	70.9	S0312	.02200	8.6354	1.0	F
9012	21411.92	29 25N	71 41E	82.6	187.5	2.733	-31.50	70.9	S0312	.02200	8.8066	1.0	A
9013	21438.72	27 7N	71 45E	73.5	187.2	3.090	-13.30	71.9	S0312	.03090	9.8436	0.8	F
9014	21443.92	27 7N	71 46E	73.2	187.2	3.211	-12.25	72.0	S0312	.03090	9.9115	1.0	A
9015	21456.72	25 49N	71 25E	74.9	187.1	3.090	-18.20	72.1	S0312	.03090	9.6477	0.5	F
9016	21463.52	25 47N	71 25E	74.1	187.1	3.090	-15.75	72.1	S0312	.03090	9.7961	0.8	A
513 9001	26283.51	58 40N	59 39E	78.9	192.5	2.033	9.80	50.5	S0312	.04090	9.1694	0.6	F
9002	26289.31	58 39N	59 39E	79.0	192.3	1.810	10.85	50.5	S0312	.04090	9.1694	0.8	A
9003	26342.11	54 30N	58 28E	82.9	191.2	2.033	23.10	54.0	S0312	.03090	8.8313	0.8	V
9004	26345.11	54 30N	58 28E	84.1	191.1	2.033	23.45	54.0	S0312	.03090	8.6004	1.0	A
9005	26368.51	53 44N	55 59E	83.9	190.9	1.687	-26.95	54.6	S0312	.03090	8.5922	1.0	F
9006	26364.51	53 44N	55 59E	83.4	190.8	1.810	-26.60	54.6	S0312	.03090	8.6994	1.0	A
9007	26367.71	53 31N	55 54E	83.3	190.7	1.810	-26.60	54.4	S0312	.03090	8.6994	1.2	A
9008	26372.11	52 48N	55 47E	81.6	190.7	1.810	-24.15	55.4	S0312	.03090	8.8313	0.6	F
9009	26374.91	52 48N	55 48E	80.4	190.6	1.810	-23.80	55.4	S0312	.03090	9.1054	0.6	V
9010	26378.51	52 41N	55 43E	80.3	190.6	1.810	-22.05	55.8	S0312	.03090	8.9797	1.0	F
9011	26384.11	52 42N	55 44E	79.9	190.5	2.033	-21.70	55.8	S0312	.03090	9.0952	1.0	A
9012	26390.71	51 55N	54 57E	80.4	190.4	1.810	-23.25	56.4	S0312	.04090	8.1187	0.6	F
9013	26393.91	51 55N	54 58E	86.9	190.3	1.810	-32.90	56.4	S0312	.03090	8.4108	1.4	V
9014	26397.91	51 50N	54 57E	87.5	190.2	1.810	-32.55	56.4	S0312	.03090	8.2471	0.6	A
9015	26440.31	48 9N	54 8E	83.3	189.6	2.033	-28.70	59.2	S0312	.03090	8.6499	1.4	F
9016	26446.31	48 9N	54 7E	82.9	189.6	2.033	-28.35	59.3	S0312	.03090	8.7694	1.4	A
9017	26498.91	43 55N	54 51E	85.6	188.9	2.511	-28.70	63.3	S0312	.03090	8.5015	1.0	F
9018	26502.11	43 55N	54 51E	84.9	188.9	2.511	-29.05	63.3	S0312	.03090	8.6582	0.8	V
9019	26562.51	40 25N	52 44E	73.2	188.5	2.733	-8.05	65.4	S0312	.02200	9.8868	0.6	F
9020	26567.71	40 25N	52 44E	73.0	188.4	2.733	-7.00	65.4	S0312	.02200	9.9363	0.6	A
9021	26562.71	40 2N	52 56E	73.2	188.4	2.733	3.50	65.8	S0312	.03090	9.9053	0.6	A
9022	26604.51	36 41N	52 22E	74.2	188.0	2.872	12.25	68.2	S0312	.03090	9.8868	0.8	V
9023	26613.91	36 30N	52 22E	75.8	188.0	2.733	14.35	68.3	S0312	.03090	9.5447	0.6	A
9024	26695.91	30 40N	50 8E	75.8	187.5	2.872	-22.75	70.6	S0312	.03090	9.6842	0.8	V
9025	26704.91	29 55N	50 25E	72.3	187.4	3.090	-4.90	71.3	S0312	.03090	10.0270	0.8	F
9026	26710.11	29 55N	50 25E	72.2	187.4	3.090	-3.85	71.3	S0312	.03090	10.0352	0.8	A
9027	26714.11	29 46N	50 20E	72.3	187.4	3.090	-2.80	71.5	S0312	.04090	10.0552	0.6	F
9028	26719.11	29 37N	50 20E	72.3	187.3	3.090	-2.45	71.5	S0312	.04090	10.0552	1.2	A
9029	26757.31	26 11N	50 29E	84.0	187.2	2.872	27.30	73.0	S0312	.03090	8.6829	0.8	F
9030	26760.31	26 11N	50 29E	83.3	187.2	2.872	27.65	73.0	S0312	.03090	8.8148	0.6	U
9031	26772.51	25 25N	49 35E	71.6	187.1	3.211	-1.40	72.5	S0312	.03090	10.2496	0.6	V
9032	26775.91	25 22N	49 37E	72.6	187.1	3.211	0.70	72.5	S0312	.02200	9.9775	0.8	A
9033	26789.31	24 49N	49 0E	74.8	187.0	3.211	-17.50	72.3	S0312	.03090	9.7054	0.5	A
9034	26793.71	24 40N	49 5E	73.3	187.0	3.211	-11.90	72.4	S0312	.03090	9.8951	0.6	A
9035	26908.51	15 49N	47 58E	74.5	186.7	3.439	6.65	71.4	S0312	.03090	9.7584	0.4	F
9036	26911.31	15 49N	47 58E	73.3	186.7	3.211	7.35	71.4	S0312	.03090	9.9240	0.4	V
9037	26921.51	15 26N	46 54E	85.7	186.7	3.211	-33.60	70.4	S0312	.03090	8.4952	1.6	A
9038	26927.51	14 50N	46 50E	84.8	186.6	3.090	-31.50	70.1	S0312	.03090	8.5922	1.0	F
9039	26930.71	14 34N	46 50E	82.7	186.6	3.090	-31.15	70.1	S0312	.03090	8.8478	0.8	V
9040	26939.51	14 10N	46 47E	82.7	186.6	3.211	-29.40	70.0	S0312	.03090	8.7901	1.0	A
9041	27029.11	7 27N	45 39E	79.5	186.5	3.211	14.00	67.1	S0312	.03090	9.1262	0.4	F
9042	27031.91	7 26N	46 39E	78.8	186.5	3.211	14.35	67.1	S0312	.03090	9.2849	0.6	V
9043	27034.71	7 0N	45 25E	76.8	186.5	3.439	7.70	66.7	S0312	.03090	9.5240	0.8	V
9044	27041.71	6 50N	45 24E	77.8	186.5	3.439	7.70	66.7	S0312	.03090	9.2601	0.6	A
9045	27054.11	5 48N	45 46E	77.6	186.5	3.574	-12.25	65.5	S0312	.03090	9.3096	1.0	F
9046	27059.71	5 48N	45 44E	77.6	186.5	3.574	-11.20	65.5	S0312	.03090	9.3178	1.0	A
9047	27067.51	5 0N	45 8E	87.2	186.4	3.211	-31.85	64.7	S0312	.03090	8.3778	1.0	V
9048	27070.71	5 7N	45 8E	87.4	186.4	3.439	-31.50	64.7	S0312	.03090	8.2541	1.0	A
9049	27075.71	4 49N	45 12E	84.7	186.4	3.439	-26.95	64.5	S0312	.02200	8.5592	0.6	A
9050	27107.71	2 49N	45 21E	78.4	186.4	3.439	-2.10	63.0	S0312	.04090	9.2189	1.2	F
9051	27114.51	2 4N	45 21E	78.6	186.4	3.439	-1.05	63.0	S0312	.03090	9.1694	0.8	A
9052	27304.11	11 30S	43 16E	87.5	186.6	3.211	8.75	51.9	S0312	.03090	8.2541	0.8	F
9053	27306.51	11 40S	43 15E	87.6	186.6	3.211	8.75	51.7	S0312	.03090	8.2576	1.0	F
514 5001	31509.71	64 36N	39 50E	80.5	194.9	1.475	-11.90	44.9	S0130	.03150	8.9952	0.6	A
5002	31739.11	48 52N	32 14E	81.0	189.7	2.033	-26.95	58.7	S0130	.02260	9.0364	0.6	V
5003	31742.11	48 52N	32 13E	81.7	189.7	2.033	-26.60	58.7	S0130	.02260	8.8952	0.4	A
5004	31758.51	47 50N	32 17E	78.4	189.5	2.385	-16.45	59.9	S0130	.02260	9.7207	2.6	V
9001	31502.71	64 37N	39 50E	80.7	195.1	1.332	-12.25	44.9	S0312	.04090	8.9220	1.2	F
9002	31508.51	64 37N	39 50E	80.4	194.9	1.475	-11.90	44.9	S0312	.04090	8.9962	1.2	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
514 9003	31525.51	62 52N	40 35E	85.8	194.3	1.687	21.70	46.7	S0312	.04090	8.4273	0.6	F
9004	31528.51	62 50N	40 36E	84.9	194.2	1.687	22.05	46.7	S0312	.04090	8.6169	0.6	V
9005	31656.71	54 10N	34 23E	79.7	191.0	1.810	-19.95	54.2	S0312	.03090	9.0376	0.8	F
9006	31662.51	54 10N	34 23E	79.3	190.9	2.033	-19.60	54.2	S0312	.04090	9.1447	0.8	A
9007	31670.11	53 19N	34 24E	76.3	190.8	2.033	-10.85	55.1	S0312	.04090	9.4580	1.4	F
9008	31675.51	53 19N	34 25E	76.0	190.7	2.033	-10.15	55.1	S0312	.04090	9.5322	1.6	A
9009	31693.31	51 45N	33 44E	76.7	190.4	2.033	-14.00	56.4	S0312	.04090	9.4168	0.4	F
9010	31697.11	51 42N	33 32E	77.3	190.4	2.033	-18.55	56.4	S0312	.04090	9.4745	0.4	V
9011	31698.11	51 36N	33 30E	77.3	190.3	2.033	-18.55	56.5	S0312	.04090	9.4745	0.4	V
9012	31712.51	50 25N	33 34E	74.8	190.1	2.385	-6.30	57.6	S0312	.04090	9.6642	0.6	F
9013	31715.31	50 24N	33 33E	73.9	190.1	2.385	-5.95	57.6	S0312	.04090	9.9198	0.6	V
9014	31720.91	50 0N	33 36E	73.7	190.0	2.385	-0.70	58.0	S0312	.04090	9.9445	0.6	V
9015	31723.71	49 50N	33 36E	74.5	190.0	2.385	-0.35	58.0	S0312	.04090	9.7301	0.4	A
9016	31746.11	48 34N	32 10E	80.1	189.7	2.033	-24.15	59.0	S0312	.03090	9.0622	0.6	A
9017	31763.51	46 58N	32 7E	76.5	189.4	2.385	-17.15	60.4	S0312	.03090	9.4415	0.8	F
9018	31768.91	46 36N	32 7E	76.1	189.4	2.385	-16.45	60.4	S0312	.03090	9.5322	1.0	A
9019	31795.71	45 14N	33 11E	87.1	189.2	2.511	29.40	62.3	S0312	.03090	8.3613	0.6	F
9020	31791.91	45 15N	33 11E	87.6	189.1	2.170	30.45	62.3	S0312	.03090	8.2623	0.6	A
9021	32497.71	3 21S	23 27E	109.1	186.4	2.033	39.55	59.4	S0312	.02200	6.5472	1.0	A
9022	32704.31	17 34S	18 39E	109.5	186.8	3.211	-37.80	45.7	S0312	.02200	6.5637	0.8	A
9023	32836.71	26 30S	18 7E	96.1	187.2	3.090	0.35	38.0	S0312	.04090	7.4130	1.0	A
9024	32855.91	27 55S	16 47E	108.7	187.3	3.090	-30.45	36.3	S0312	.03090	6.6461	1.0	V
9025	32861.51	28 4S	16 55E	106.7	187.3	3.211	-26.25	36.2	S0312	.03090	6.7039	1.2	A
9026	32869.31	28 36S	16 33E	113.3	187.3	3.211	-32.55	35.6	S0312	.03090	6.3080	0.8	A
9027	32882.51	29 39S	17 57E	103.2	187.4	2.511	14.70	35.3	S0312	.04090	6.8770	1.2	A
515 9001	36975.71	53 12N	13 17E	79.4	190.8	2.170	16.10	55.4	S0130	.02260	9.1436	0.4	F
9002	36979.91	53 6N	13 11E	77.8	190.7	2.170	14.70	55.5	S0130	.02260	9.4239	0.6	V
9003	36985.11	52 56N	12 56E	77.0	190.6	2.170	10.15	55.6	S0130	.02260	9.4074	0.6	A
9004	36991.51	52 40N	12 41E	76.0	190.5	2.170	-3.15	56.1	S0130	.03150	9.6465	0.6	F
9005	36996.51	51 30N	12 21E	75.5	190.5	2.385	4.90	56.5	S0130	.02260	9.5906	1.0	F
9006	37002.11	51 49N	12 22E	75.7	190.4	2.170	6.30	56.6	S0130	.02260	9.5806	0.6	A
9007	37007.11	51 31N	11 56E	74.8	190.3	2.385	-2.80	56.7	S0130	.03150	9.7043	0.6	A
9001	36956.31	54 31N	13 39E	78.1	191.2	2.170	11.90	54.2	S0312	.04090	9.2684	0.6	F
9002	36959.11	54 32N	13 38E	77.2	191.1	2.170	11.90	54.2	S0312	.04090	9.4992	0.6	V
9003	36964.31	54 9N	13 40E	78.9	191.0	2.170	16.45	54.6	S0312	.04090	9.2351	0.4	V
9004	36967.11	54 9N	13 41E	79.9	191.0	2.170	16.80	54.6	S0312	.03090	9.0540	0.6	A
9005	36975.71	53 11N	13 17E	79.4	190.8	2.170	16.10	55.5	S0312	.03090	9.1447	0.4	F
9006	36978.71	53 7N	13 11E	77.8	190.7	2.170	14.70	55.5	S0312	.04090	9.4250	0.6	V
9007	36985.11	52 56N	12 56E	77.0	190.6	2.170	10.15	55.6	S0312	.04090	9.4085	0.4	A
9008	36991.31	52 40N	12 41E	76.1	190.5	2.170	-3.15	56.1	S0312	.04090	9.6477	0.6	F
9009	36996.51	51 30N	12 21E	75.6	190.5	2.385	4.90	56.5	S0312	.04090	9.5817	0.8	F
9010	37002.11	51 49N	12 22E	75.7	190.4	2.170	6.30	56.6	S0312	.04090	9.5917	0.6	A
9011	37006.91	51 31N	11 56E	74.8	190.3	2.385	-2.80	56.7	S0312	.04090	9.7054	0.6	A
9012	37015.91	50 50N	12 34E	81.3	190.2	2.170	21.35	57.5	S0312	.03090	8.8973	0.6	A
9013	37024.91	50 12N	12 39E	86.6	190.0	2.033	28.70	58.2	S0312	.03090	8.3366	0.6	A
9014	37217.71	36 30N	7 39E	71.4	188.0	2.872	-8.75	67.7	S0312	.03090	10.2744	0.6	V
9015	37221.51	36 29N	7 27E	73.3	188.0	2.872	-12.60	67.9	S0312	.03090	9.8621	0.6	F
9016	37226.71	36 29N	7 27E	73.1	188.0	2.872	-11.90	67.9	S0312	.03090	9.9230	0.6	A
9017	37240.71	35 47N	8 1E	77.1	187.9	2.733	18.90	69.0	S0312	.03090	9.3756	0.4	A
9018	37249.71	34 59N	7 46E	75.1	187.8	2.872	15.75	69.4	S0312	.03090	9.7796	1.0	V
9019	37254.51	34 31N	7 32E	73.5	187.8	2.872	8.75	69.4	S0312	.03090	9.8538	0.8	A
9020	37277.31	33 0N	6 5E	83.4	187.6	2.733	-32.55	69.4	S0312	.03090	8.7159	1.0	A
9021	37293.11	31 46N	6 3E	77.2	187.5	2.733	-25.20	70.2	S0312	.03090	9.4910	0.8	V
9022	37581.71	11 50N	3 26E	83.7	186.6	2.872	23.45	70.0	S0312	.03090	9.6087	1.0	A
517 9001	48415.90	3 39S	42 50W	111.6	186.4	2.033	40.95	59.2	S0312	.02200	6.3906	0.6	A
9002	48478.50	21 55S	46 34W	101.5	186.9	2.511	23.10	42.6	S0312	.03090	7.1409	0.4	V
9003	48482.30	21 55S	46 34W	103.3	186.9	2.511	23.45	42.6	S0312	.03090	6.8935	0.4	A
9004	48702.70	23 35S	46 44W	106.1	187.0	2.385	26.95	41.1	S0312	.03090	6.8275	0.4	V
9005	48706.70	23 35S	46 44W	106.0	187.0	2.385	27.30	41.1	S0312	.03090	6.6719	0.4	A
518 9001	53896.50	16 12S	68 13W	88.8	186.7	3.211	3.15	47.5	S0312	.04090	8.1057	1.0	F
9002	53899.70	16 12S	68 13W	88.0	186.7	3.211	3.50	47.5	S0312	.04090	8.2341	1.0	V
9003	53902.90	16 09S	68 17W	89.2	186.7	3.211	3.50	47.1	S0312	.03090	8.0727	0.4	F
9004	53906.90	16 09S	68 11W	88.2	186.7	3.211	7.70	47.3	S0312	.03090	8.1139	0.8	A
9005	53933.30	18 9S	69 30W	99.1	186.8	3.439	-28.00	45.3	S0312	.03090	7.2563	0.8	A
9006	53952.30	19 37S	69 43W	97.5	186.8	3.211	-24.85	43.7	S0312	.03090	7.3388	1.0	F
519 9001	58629.90	23 2N	82 58W	78.6	187.0	3.090	19.60	73.1	S0312	.03090	9.2519	1.2	F
9002	58635.90	23 0N	82 59W	79.2	187.0	2.872	20.65	73.2	S0312	.03090	9.1364	0.8	A
9003	58644.10	22 29N	83 38W	72.5	186.9	3.211	-2.80	72.6	S0312	.03090	8.9940	0.4	A
9004	58651.10	22 3N	84 16W	78.6	186.9	3.211	-25.55	72.1	S0312	.03090	9.2519	0.6	A
9005	58747.50	12 46N	86 17W	87.8	186.6	2.872	-34.30	68.9	S0312	.03090	8.1841	1.0	F
9006	58790.70	12 16N	86 17W	86.7	186.6	3.090	-34.30	68.9	S0312	.03090	8.4520	0.8	V
9007	58795.70	12 7N	86 16W	85.9	186.6	3.090	-32.20	68.9	S0312	.03090	8.4603	0.6	A
9008	58806.30	11 50N	86 39W	74.2	186.5	3.439	0.70	69.1	S0312	.03090	9.8786	0.6	V
9009	58812.70	10 57N	86 32W	75.9	186.5	3.211	8.75	68.9	S0312	.04090	9.6559	0.8	V
9010	58817.50	10 17N	86 35W	76.2	186.5	3.211	9.45	68.8	S0312	.03090	9.6147	1.0	V
9011	58822.90	9 34N	86 28W	79.3	186.5	3.090	16.80	68.7	S0312	.03090	9.2454	0.8	V
520 9001	63860.69	28 4N	105 18W	80.4	187.3	2.733	-29.75	71.4	S0312	.03090	8.9880	0.4	F

Handle via
BYEMAN Channels
BYE-8915/84

Approved for Release: 2021/01/22 C05132886

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
520 9002	63863.49	28 0N	105 18W	79.2	187.5	2.733	-29.40	71.4	S0312	.03090	9.2634	0.6	V
9003	63872.89	27 52N	104 41W	71.3	187.2	3.211	-0.70	72.1	S0312	.03090	10.1672	0.3	A
9004	63898.09	25 22N	104 38W	77.1	187.1	3.090	18.90	73.0	S0312	.03090	9.4333	0.8	F
9005	63904.09	24 56N	104 45W	75.7	187.1	3.090	17.15	73.0	S0312	.03090	9.6064	0.8	F
9006	63911.49	24 47N	104 53W	75.3	187.1	3.090	16.45	73.0	S0312	.03090	9.6642	0.8	F
9007	63920.29	24 37N	105 12W	71.8	187.0	3.211	5.25	72.8	S0312	.03090	10.0950	0.8	A
9008	63930.49	23 27N	106 24W	86.0	187.0	2.733	-35.00	71.9	S0312	.03090	8.3778	0.6	F
9009	63933.49	23 24N	106 23W	84.4	187.0	2.733	-34.30	71.9	S0312	.03090	8.6911	0.8	V
9010	63936.49	23 20N	106 24W	85.1	187.0	2.733	-33.95	71.9	S0312	.03090	8.5592	0.8	A
9011	63964.69	20 49N	105 14W	86.0	186.9	2.872	29.05	73.2	S0312	.03090	8.4767	0.8	F
525 9001	3369.68	70 40N	162 24E	81.7	199.6	1.113	-4.20	39.3	S0312	.03090	8.9403	0.6	V
9002	3372.68	70 40N	162 24E	82.5	199.4	1.113	-3.85	39.3	S0312	.03090	8.7489	0.6	A
9003	3738.68	45 30N	149 26E	75.7	189.2	2.511	10.15	61.9	S0312	.03090	9.5817	0.6	F
9004	3744.08	45 30N	149 26E	75.8	189.2	2.511	10.85	61.9	S0312	.03090	9.5570	0.6	A
526 5001	9357.08	24 30N	121 16E	84.1	187.1	2.872	-33.25	71.9	S0130	.02260	8.6489	0.6	A
9001	8959.28	51 40N	128 8E	80.5	190.4	1.810	-22.40	56.5	S0312	.03090	8.9468	0.4	F
9002	8962.08	51 40N	128 9E	79.3	190.4	1.810	-22.05	56.5	S0312	.03090	9.2149	0.6	V
9003	8972.48	50 40N	128 47E	75.5	190.2	2.385	4.20	57.5	S0312	.03090	9.5817	0.8	F
9004	8977.88	50 10N	128 48E	75.6	190.1	2.170	5.25	57.6	S0312	.03090	9.5982	0.8	A
9005	8985.88	49 51N	129 27E	86.6	190.0	2.033	28.00	58.3	S0312	.03090	8.3448	1.8	A
9006	9005.28	48 47N	129 8E	89.6	189.7	2.170	32.55	59.7	S0312	.02200	8.1964	0.4	V
9007	9019.48	48 5N	126 53E	80.2	189.6	2.170	-24.50	59.5	S0312	.03090	9.0622	0.4	A
9008	9034.88	46 54N	127 38E	75.4	189.4	2.511	8.40	60.8	S0312	.03090	9.6064	0.4	A
9009	9045.08	45 40N	126 43E	73.6	189.2	2.385	-10.15	61.5	S0312	.04090	9.9610	0.6	V
9010	9051.88	45 40N	126 43E	74.3	189.2	2.385	-9.80	61.5	S0312	.03090	9.7631	0.6	A
9011	9057.08	45 20N	126 43E	73.8	189.1	2.511	-6.65	61.8	S0312	.03090	9.8241	0.6	A
9012	9068.48	44 50N	126 54E	73.9	189.0	2.511	8.40	62.8	S0312	.03090	9.9563	0.4	V
9013	9074.68	44 40N	126 24E	72.6	188.9	2.511	-4.20	62.9	S0312	.03090	10.1095	0.6	V
9014	9077.48	44 30N	126 24E	73.3	188.9	2.511	-3.85	63.0	S0312	.03090	9.8868	0.6	A
9015	9082.28	43 41N	126 25E	73.3	188.9	2.733	0.35	63.3	S0312	.03090	9.8368	0.4	A
9016	9087.88	42 57N	126 4E	73.3	188.8	2.733	-6.30	63.7	S0312	.03090	9.8786	0.4	F
9017	9091.48	42 42N	126 5E	73.1	188.8	2.733	-3.15	64.0	S0312	.03090	9.9053	0.4	F
9018	9093.68	42 34N	126 43E	79.3	188.7	2.511	22.05	64.6	S0312	.03090	9.2601	0.4	V
9019	9102.48	42 14N	126 43E	80.4	188.7	2.511	22.40	64.6	S0312	.03090	9.0045	0.4	A
9020	9106.48	41 50N	126 28E	77.4	188.6	2.511	16.80	64.7	S0312	.03090	9.3508	0.6	A
9021	9110.88	41 30N	126 8E	73.5	188.6	2.733	9.80	65.0	S0312	.03090	9.9775	0.6	V
9022	9113.68	41 20N	126 8E	74.5	188.5	2.733	10.15	65.0	S0312	.03090	9.7301	0.4	A
9023	9119.48	40 59N	126 24E	82.8	188.5	2.733	25.55	65.8	S0312	.03090	8.7734	0.8	F
9024	9122.48	40 49N	126 26E	82.2	188.5	2.511	26.25	65.8	S0312	.03090	8.9385	0.6	V
9025	9132.48	39 59N	125 16E	72.9	188.4	2.733	-6.65	65.9	S0312	.03090	9.9280	0.4	F
9026	9135.08	39 50N	125 16E	72.0	188.4	2.733	-6.30	65.9	S0312	.03090	10.1857	0.4	V
9027	9142.68	39 10N	125 42E	75.3	188.3	2.733	14.70	66.6	S0312	.03090	9.7584	0.4	V
9028	9145.48	39 10N	125 43E	76.5	188.3	2.733	15.40	66.6	S0312	.02200	9.4580	0.4	A
9029	9153.88	38 50N	125 2E	71.7	188.2	2.872	-3.15	66.8	S0312	.03090	10.2249	0.4	V
9030	9156.48	38 50N	125 2E	72.6	188.2	2.872	-2.80	66.9	S0312	.03090	10.0023	0.4	A
9031	9163.88	37 51N	125 21E	75.3	188.1	2.733	15.05	67.6	S0312	.04090	9.7584	0.6	V
9032	9166.68	37 31N	125 21E	76.3	188.1	2.733	15.40	67.6	S0312	.04090	9.4745	0.6	A
9033	9500.28	14 36N	120 50E	88.0	186.6	2.733	30.80	71.5	S0312	.03090	8.3201	0.4	V
9034	9503.48	14 20N	120 59E	89.6	186.6	2.511	31.50	71.5	S0312	.03090	8.0597	0.4	A
9035	9629.07	5 30N	118 12E	79.1	186.5	3.439	-19.95	65.3	S0312	.03090	9.2436	0.6	V
9036	9632.07	5 43N	118 12E	80.0	186.5	3.439	-19.60	65.3	S0312	.03090	9.0540	0.6	A
9037	9642.68	5 0N	118 20E	77.4	186.4	3.574	-8.40	65.0	S0312	.02200	9.3426	0.6	A
9038	9648.48	4 14N	117 53E	81.9	186.4	3.439	-22.75	64.2	S0312	.03090	8.8066	0.8	F
9039	9651.47	4 17N	117 53E	80.9	186.4	3.439	-22.40	64.2	S0312	.03090	9.0375	0.6	V
9040	9660.07	3 29N	117 51E	80.4	186.4	3.439	-18.55	63.7	S0312	.03090	8.9797	0.6	F
9041	9645.47	3 40N	117 36E	83.7	186.4	3.439	-26.60	63.4	S0312	.04090	8.7424	1.2	V
9042	9648.88	3 19N	117 36E	84.6	186.4	3.439	-26.25	63.4	S0312	.04090	8.5592	0.6	A
9043	9695.07	2 11N	117 30E	82.7	186.4	3.574	-22.05	62.6	S0312	.03090	8.7489	0.6	A
527 9001	13958.47	72 30N	122 10E	85.2	202.1	1.113	13.65	37.4	S0312	.03090	8.5757	0.6	V
9002	13958.67	72 30N	122 8E	86.1	201.8	1.113	13.65	37.4	S0312	.03090	8.3943	0.6	A
9003	14062.27	65 57N	112 20E	88.5	195.3	0.986	-27.30	43.8	S0312	.04090	8.2459	0.4	V
9004	14065.47	65 57N	112 21E	89.2	195.3	0.986	-26.95	43.8	S0312	.04090	8.1139	0.4	A
9005	14474.27	37 39N	102 46E	70.7	188.1	2.872	-0.35	67.5	S0312	.03090	10.3916	0.4	V
9006	14478.47	37 39N	102 45E	71.5	188.1	2.872	0.00	67.5	S0312	.03090	10.1424	0.4	A
9007	14487.27	37 4N	103 4E	75.6	188.0	2.733	17.15	68.2	S0312	.02200	9.5735	0.4	A
9008	14550.47	32 40N	102 14E	78.5	187.6	2.733	23.45	70.7	S0312	.03090	9.2024	0.4	A
9009	14562.67	31 47N	100 46E	75.1	187.5	2.733	-25.90	70.5	S0312	.03090	9.7631	0.6	V
9010	14637.87	26 44N	100 2E	72.0	187.2	3.211	-14.35	72.1	S0312	.03090	10.0847	0.6	A
9011	14642.47	26 27N	100 7E	71.3	187.2	3.211	-6.30	72.4	S0312	.03090	10.1589	0.4	F
9012	14650.47	25 54N	100 37E	77.2	187.1	3.090	19.95	73.0	S0312	.05410	9.4250	0.6	F
9013	14655.27	25 47N	100 42E	79.9	187.1	2.872	23.80	73.1	S0312	.04090	9.0457	0.8	A
528 5001	19547.67	53 40N	84 57E	91.8	190.9	1.332	-35.35	54.6	S0130	.02260	7.8409	0.6	F
5002	19554.27	53 20N	84 9E	85.1	190.8	1.687	-28.70	55.1	S0130	.02260	8.4758	0.4	F
5003	19560.27	53 20N	84 10E	84.4	190.7	1.810	-28.00	55.1	S0130	.02260	8.6077	0.6	A
9001	19531.67	55 27N	85 60E	76.4	191.4	2.033	-4.20	53.5	S0312	.05410	9.4580	1.8	F
9002	19537.07	55 20N	85 60E	76.2	191.3	2.033	-3.50	53.5	S0312	.05410	9.5157	1.0	A
9003	19532.87	55 3N	85 56E	76.0	191.2	2.033	-0.70	53.8	S0312	.05410	9.5422	0.4	A
9004	19554.07	53 20N	84 9E	85.2	190.8	1.687	-28.70	55.1	S0312	.05410	8.4767	0.6	F

Handle via
BYEMAN Channels
BYE-8915/84

Approved for Release: 2021/01/22 C05132886

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
528 9005	19560.27	53 20N	84 10E	84.3	190.7	1.810	-28.00	55.1	S0312	.0541U	8.6087	0.4	A
9006	19696.07	43 40N	81 43E	75.4	186.9	2.385	-16.45	63.1	S0312	.0541U	9.5906	0.6	F
9007	19700.47	43 40N	81 43E	75.0	188.8	2.511	-15.75	63.1	S0312	.0541U	9.6807	0.6	A
9008	19789.87	37 10N	79 56E	76.4	188.1	2.511	-22.40	67.5	S0312	.0541U	9.4498	0.6	F
9009	19792.67	37 10N	79 56E	75.3	188.0	2.733	-22.40	67.6	S0312	.0541U	9.7304	0.4	V
9010	19889.87	30 10N	78 1E	86.5	187.4	2.385	-35.70	70.6	S0312	.0409U	8.3366	0.6	F
9011	19893.07	30 17N	78 1E	85.1	187.4	2.385	-35.35	70.6	S0312	.0409U	8.6169	0.6	V
9012	19998.67	29 54N	77 54E	86.3	187.4	2.511	-36.40	70.7	S0312	.0409U	8.4850	1.0	V
9013	19901.87	29 54N	77 54E	87.1	187.4	2.733	-36.40	70.7	S0312	.0409U	8.3613	1.0	A
9014	19907.47	29 5N	77 44E	87.7	187.4	2.511	-36.75	71.0	S0312	.0409U	8.2046	1.0	F
9015	19911.07	29 5N	77 44E	86.3	187.3	2.511	-36.40	71.0	S0312	.0409U	8.4850	1.0	V
9016	19929.87	27 51N	77 42E	80.8	187.2	2.733	-29.05	71.6	S0312	.0541U	8.9503	1.2	F
9017	19935.67	27 51N	77 42E	79.9	187.2	2.872	-28.00	71.6	S0312	.0541U	9.0869	1.2	A
9018	19947.27	26 15N	78 15E	72.6	187.2	3.211	2.45	72.5	S0312	.0541U	9.9940	0.6	F
9019	19952.47	26 15N	78 15E	72.7	187.1	3.211	3.50	72.5	S0312	.0541U	9.9693	0.6	A
9020	19960.67	25 10N	78 28E	78.2	187.1	3.090	19.25	73.0	S0312	.0541U	9.2931	0.6	F
9021	19966.27	25 10N	78 28E	78.7	187.1	2.872	20.30	73.0	S0312	.0541U	9.1341	0.6	A
529 9001	24860.07	53 17N	63 43E	78.8	190.8	2.170	14.00	55.5	S0312	.0309U	9.2024	1.0	F
9002	24870.27	53 1N	63 9E	75.6	190.6	2.170	2.45	55.7	S0409	.0719U	9.5817	1.2	A
9003	24904.87	50 50N	60 59E	87.8	190.1	1.810	-33.25	57.2	S0409	.0541U	8.2371	0.4	A
9004	24956.07	46 50N	61 39E	78.5	189.4	2.385	18.90	60.9	S0409	.0541U	9.3543	0.6	V
9005	24959.07	46 50N	61 39E	79.6	189.4	2.385	19.25	61.0	S0409	.0541U	9.0869	0.6	A
9006	24981.47	45 10N	59 20E	87.7	189.1	1.610	-34.30	61.7	S0409	.0541U	8.2046	1.4	F
9007	24987.47	45 11N	59 19E	87.4	189.1	2.033	-34.30	61.7	S0409	.0541U	8.3201	1.6	A
9008	25001.67	43 46N	59 3E	85.5	188.9	2.033	-32.55	62.8	S0409	.0409U	8.4273	0.6	F
9009	25020.87	42 24N	59 31E	73.5	188.7	2.511	-7.70	64.2	S0409	.0541U	9.8436	0.8	F
9010	25026.87	42 20N	59 34E	73.1	188.7	2.733	-5.25	64.2	S0409	.0719U	9.9198	0.6	A
9011	25060.67	40 6N	58 20E	80.1	188.4	2.511	-26.95	65.5	S0409	.0409U	9.0705	0.6	A
9012	25086.27	38 54N	58 23E	72.8	188.2	2.872	-8.75	67.2	S0409	.0719U	9.9363	0.4	F
9013	25091.47	38 50N	58 23E	72.6	188.1	2.872	-7.70	67.3	S0409	.0719U	9.9940	0.4	A
9014	25241.87	27 10N	56 12E	72.3	187.2	3.211	-2.10	72.3	S0409	.0719U	10.0270	0.6	F
9015	25247.07	27 10N	56 12E	72.4	187.2	3.211	-1.05	72.3	S0409	.0719U	10.0187	0.8	A
9016	25257.27	26 6N	56 6E	72.7	187.2	3.211	2.45	72.6	S0409	.0719U	9.9775	1.0	F
9017	25264.87	25 57N	55 55E	74.1	187.1	3.090	-15.05	72.3	S0409	.0719U	9.7714	0.8	F
9018	25269.87	25 47N	55 49E	77.2	187.1	3.090	-23.10	72.1	S0409	.0541U	9.3591	0.6	F
9019	25275.27	25 37N	55 49E	76.7	187.1	3.090	-22.05	72.1	S0409	.0541U	9.4745	0.6	A
9020	25302.27	23 20N	55 2E	75.7	187.0	3.211	-19.60	72.3	S0409	.0719U	9.5900	1.0	A
9021	25310.67	22 57N	55 12E	72.0	187.0	3.211	-6.65	72.6	S0409	.0719U	10.1919	0.6	V
9022	25319.07	22 20N	54 23E	85.9	186.9	2.872	-34.65	71.9	S0409	.0541U	8.4767	0.8	A
9023	25332.07	21 17N	55 16E	74.3	186.9	3.211	8.40	72.8	S0409	.0719U	9.7301	1.4	A
9024	25344.87	18 50N	54 41E	73.0	186.8	3.211	4.55	72.3	S0409	.0719U	10.0456	1.0	V
9025	25351.27	17 43N	54 25E	72.5	186.7	3.439	-0.70	71.9	S0409	.0719U	10.1095	1.0	V
9026	25389.67	16 59N	53 59E	75.0	186.7	3.439	-14.35	71.4	S0409	.0719U	9.6477	0.6	F
9027	25395.07	16 59N	53 59E	74.8	186.7	3.439	-13.30	71.4	S0409	.0719U	9.6889	0.6	A
9028	25454.27	12 41N	54 4E	83.5	186.6	2.872	23.45	70.3	S0409	.0409U	8.6334	0.6	A
9029	25872.07	16 0S	47 38E	99.1	186.7	3.211	-30.45	47.1	S0409	.0541U	7.3223	1.0	V
9030	25965.47	22 26S	46 10E	109.3	136.9	3.090	-35.35	41.2	S0409	.0541U	6.6296	1.0	V
9031	25978.07	23 14S	46 8E	106.0	187.0	3.090	-31.85	40.4	S0409	.0541U	6.8558	1.0	V
9032	26005.47	25 0S	46 58E	96.5	187.1	3.090	-5.25	39.3	S0409	.0719U	7.3883	1.0	A
530 5001	30129.06	56 10N	43 32E	80.9	191.6	1.810	28.70	53.0	S0130	.0226U	8.1624	0.6	A
9001	29864.66	73 42N	54 53E	84.0	203.1	0.776	-9.10	56.7	S0409	.0719U	8.5592	1.4	F
9002	29872.86	73 42N	54 50E	83.8	202.5	0.986	-9.45	56.7	S0409	.0719U	8.6169	1.2	A
9003	29968.06	66 40N	47 49E	81.1	196.5	1.332	-9.45	43.1	S0409	.0719U	8.8890	0.6	F
9004	30101.46	57 50N	42 11E	80.3	192.1	1.687	-18.20	51.3	S0409	.0719U	8.9797	0.4	F
9005	30104.46	57 51N	42 11E	79.1	192.1	1.687	-17.85	51.3	S0409	.0719U	9.2519	0.4	V
9006	30115.66	56 44N	43 14E	81.2	191.8	2.033	17.15	52.8	S0409	.0967U	8.9220	0.8	F
9007	30121.46	56 44N	43 13E	81.2	191.7	1.810	17.85	52.8	S0409	.0967U	8.9158	0.8	A
9008	30135.06	55 20N	42 19E	77.7	191.4	2.033	9.45	53.6	S0409	.0719U	9.3096	0.8	F
9009	30140.66	55 20N	42 19E	77.8	191.3	2.033	10.15	53.6	S0409	.0719U	9.3096	0.8	A
9010	30148.06	54 57N	41 15E	77.0	191.1	2.034	-11.90	53.8	S0409	.0719U	9.4168	0.6	A
9011	30177.86	52 44N	41 26E	78.1	190.6	2.170	15.40	56.0	S0409	.0719U	9.3920	0.4	V
9012	30180.66	52 44N	41 27E	79.1	190.6	2.170	15.75	56.0	S0409	.0719U	9.1529	0.4	A
9013	30193.26	51 40N	39 14E	86.8	190.4	1.687	-31.50	56.5	S0409	.0541U	8.3036	0.8	F
9014	30199.46	51 40N	39 15E	85.9	190.3	1.810	-30.80	56.5	S0409	.0541U	8.4438	0.8	A
9015	30232.06	48 50N	39 8E	75.7	189.8	2.170	-12.95	59.0	S0409	.0719U	9.5322	0.6	F
9016	30237.46	48 50N	39 7E	75.5	189.7	2.170	-12.60	59.0	S0409	.0719U	9.6064	0.6	A
9017	30245.46	48 19N	38 8E	86.1	189.6	1.810	-33.25	59.3	S0409	.0541U	8.4932	0.4	V
9018	30248.66	48 19N	38 7E	86.8	189.6	2.033	-33.25	59.3	S0409	.0541U	8.3695	0.4	A
9019	30257.26	47 10N	38 52E	74.1	189.5	2.386	-4.55	60.5	S0409	.0719U	9.7631	0.6	F
9020	30262.46	47 10N	38 52E	73.9	189.4	2.386	-3.85	60.5	S0409	.0719U	9.8126	0.8	A
9021	30290.06	46 50N	38 1E	74.5	189.1	2.385	-11.20	62.2	S0409	.0719U	9.7054	0.8	F
9022	30295.46	46 50N	38 1E	74.2	189.0	2.511	-10.50	62.2	S0409	.0719U	9.7796	0.8	A
9023	30409.86	37 1N	35 20E	82.8	188.0	2.385	-32.20	67.4	S0409	.0541U	8.8561	0.6	V
9024	30412.86	37 1N	35 20E	83.4	188.0	2.385	-31.05	67.4	S0409	.0541U	8.7241	0.6	A
9025	30426.26	35 50N	35 46E	72.6	187.9	2.872	-7.35	68.7	S0409	.0719U	9.9693	0.6	F
9026	30431.46	35 50N	35 47E	72.4	187.9	2.872	-6.30	68.7	S0409	.0967U	10.0187	0.6	A
9027	30436.66	35 14N	35 59E	72.9	187.8	2.872	4.90	69.1	S0409	.0719U	9.9363	0.8	A
9028	30440.46	34 59N	35 52E	72.7	187.8	2.872	3.15	69.2	S0409	.0719U	9.9775	0.6	A
9029	30445.06	34 29N	35 50E	72.2	187.8	2.872	5.60	69.5	S0409	.0967U	10.1589	0.8	V
9030	30453.86	33 54N	35 2E	75.9	187.7	2.872	17.85	70.0	S0409	.0719U	9.6807	1.2	V
9031	30455.06	33 43N	35 60E	75.5	187.7	2.872	17.85	70.1	S0409	.0719U	9.7219	0.4	V
9032	30457.86	33 40N	35 59E	76.6	187.7	2.872	18.20	70.1	S0409	.0541U	9.4580	0.4	A
9033	30466.86	32 51N	35 0E	73.4	187.7	2.872	-12.95	70.0	S0409	.0719U	9.8538	0.8	F

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
530 9034	30472.06	32 01N	34 40E	73.2	187.6	3.090	-12.60	70.0	S0409	.07190	9.9198	0.8	A
9035	30480.26	31 56N	34 42E	74.6	187.6	2.872	-17.15	70.4	S0409	.04090	9.6889	0.8	F
9036	30485.46	31 56N	34 42E	74.2	187.5	3.090	-16.45	70.4	S0409	.04090	9.7379	1.0	A
9037	30491.66	31 0N	34 55E	71.9	187.5	3.090	-1.75	71.0	S0409	.07190	10.0765	0.4	F
9038	30496.66	31 7N	34 55E	72.0	187.5	3.090	-0.70	71.0	S0409	.07190	10.0765	0.6	A
9039	30501.26	30 26N	34 55E	72.5	187.5	3.090	3.85	71.4	S0409	.07190	10.0023	0.4	F
9040	30506.46	30 26N	34 54E	72.6	187.4	3.090	4.55	71.4	S0409	.07190	9.9775	0.4	A
9041	30519.06	29 32N	34 60E	76.2	187.4	2.872	15.75	71.9	S0409	.07190	9.4992	1.4	A
9042	30536.46	28 0N	34 24E	72.7	187.3	3.211	3.50	72.2	S0409	.04090	9.9775	0.6	F
9043	30541.86	27 57N	34 24E	72.9	187.3	3.211	4.55	72.2	S0409	.04090	9.9563	0.4	A
9044	30555.06	26 43N	33 57E	72.3	187.2	3.211	-4.90	72.3	S0409	.07190	10.0187	0.4	F
9045	30560.26	26 44N	33 57E	72.3	187.2	3.211	-3.50	72.3	S0409	.07190	10.0270	0.4	A
9046	30595.46	23 50N	32 50E	80.0	187.0	2.872	-27.65	72.1	S0409	.04090	9.0127	1.0	F
9047	30601.26	23 50N	32 50E	79.4	187.0	3.090	-26.95	72.1	S0409	.04090	9.1329	0.6	A
9048	30943.26	0 05S	29 15E	78.7	186.4	3.439	2.45	61.2	S0409	.07190	9.1359	1.0	F
9049	31028.06	5 06S	28 3E	82.0	186.5	3.574	-6.30	56.3	S0409	.07190	8.7301	1.0	F
9050	31038.66	6 4S	26 55E	107.7	186.5	3.211	-42.70	55.5	S0409	.05410	6.7266	0.8	A
9051	31047.86	7 10S	27 24E	87.6	186.5	3.439	-22.40	54.9	S0409	.05410	8.2046	1.0	F
9052	31074.66	8 54S	27 12E	85.3	186.5	3.439	-18.55	53.6	S0409	.07190	8.5427	1.0	V
9053	31095.26	10 30S	26 20E	102.8	186.5	3.090	-37.45	51.8	S0409	.05410	6.9677	1.0	F
9054	31305.86	25 10S	25 41E	111.9	187.4	2.385	29.75	39.6	S0409	.05410	6.4317	0.8	F
9055	31322.66	25 49S	23 33E	106.0	187.1	3.211	-30.10	38.1	S0409	.05410	6.8193	1.2	V
9056	31334.46	26 31S	24 51E	100.5	187.2	2.733	14.70	38.0	S0409	.07190	7.0667	0.8	A
9057	31350.86	27 50S	23 8E	107.9	187.3	3.090	-29.05	36.0	S0409	.05410	6.6214	1.0	F
531 9001	35542.06	48 40N	18 30E	87.3	189.8	2.170	30.45	59.6	S0130	.02260	6.4098	0.6	V
9002	35545.26	48 40N	18 30E	88.7	189.7	2.170	30.80	59.6	S0130	.02260	6.1769	0.6	A
9001	35399.26	59 20N	22 12E	83.8	192.3	1.810	22.75	51.0	S0409	.07190	8.7489	0.4	V
9002	35402.26	59 26N	22 12E	84.0	192.3	1.810	23.10	51.0	S0409	.07190	8.5180	0.6	A
9003	35412.06	57 20N	21 31E	82.4	192.0	2.033	19.25	52.0	S0409	.07190	8.7818	0.4	F
9004	35414.86	57 20N	21 32E	81.7	192.0	1.810	19.95	51.9	S0409	.07190	8.9715	0.8	V
9005	35418.06	57 20N	21 31E	82.5	191.9	1.810	19.95	52.0	S0409	.07190	8.7534	0.6	A
9006	35424.26	56 59N	21 1E	80.7	191.8	2.033	16.45	52.7	S0409	.07190	8.9715	0.6	F
9007	35427.26	56 54N	21 2E	80.0	191.7	2.033	17.15	52.7	S0409	.07190	9.1529	0.6	V
9008	35430.26	56 54N	21 2E	81.2	191.6	2.033	17.85	52.7	S0409	.07190	8.9855	0.4	A
9009	35438.26	56 50N	21 6E	85.4	191.5	1.810	24.85	53.2	S0409	.07190	8.4767	0.6	A
9010	35449.46	56 54N	20 3E	78.0	191.3	2.170	11.20	54.1	S0409	.07190	9.2449	0.8	F
9011	35453.26	56 59N	19 54E	77.7	191.2	2.170	10.15	54.3	S0409	.07190	9.3261	1.0	F
9012	35456.86	56 59N	19 53E	77.6	191.1	2.033	10.50	54.3	S0409	.07190	9.3261	1.2	A
9013	35464.06	56 10N	19 49E	78.0	191.0	2.033	12.25	54.6	S0409	.07190	9.2684	0.4	A
9014	35469.06	53 43N	19 58E	81.4	190.9	2.033	21.35	55.2	S0409	.07190	8.8045	0.6	V
9015	35472.06	53 46N	19 58E	82.5	190.8	2.033	21.70	55.2	S0409	.07190	8.7554	0.8	A
9016	35483.46	53 0N	18 36E	75.5	190.6	2.170	-7.00	55.6	S0409	.07190	9.6064	1.0	A
9017	35490.46	52 26N	17 55E	77.9	190.5	2.033	-19.60	56.0	S0409	.07190	9.4003	0.6	V
9018	35497.06	51 46N	18 6E	75.5	190.4	2.170	-8.75	56.7	S0409	.07190	9.5817	0.6	F
9019	35502.06	51 47N	18 7E	75.2	190.3	2.170	-6.65	56.7	S0409	.07190	9.6394	1.0	A
9020	35513.66	50 31N	17 25E	76.9	190.2	2.170	-18.55	57.4	S0409	.07190	9.5240	0.4	V
9021	35516.46	50 31N	17 24E	77.8	190.1	2.170	-18.55	57.4	S0409	.07190	9.3343	0.4	A
9022	35523.66	50 7N	17 42E	73.5	190.0	2.385	-3.85	58.1	S0409	.07190	9.9693	0.6	V
9023	35528.46	49 50N	17 45E	74.6	189.9	2.385	2.45	58.6	S0409	.07190	9.7854	0.4	F
9024	35533.86	49 50N	17 45E	74.6	189.9	2.385	3.50	58.6	S0409	.07190	9.7054	0.4	A
9025	35555.06	47 42N	17 39E	78.8	189.6	2.511	17.50	60.3	S0409	.07190	9.2106	0.6	F
9026	35559.66	47 26N	17 32E	78.4	189.5	2.511	16.80	60.6	S0409	.07190	9.2601	1.4	F
9027	35565.26	47 26N	17 31E	78.4	189.5	2.511	17.15	60.6	S0409	.07190	9.2271	0.8	A
9028	35569.66	46 43N	17 10E	76.5	189.4	2.511	12.60	61.1	S0409	.07190	9.4910	1.0	F
9029	35575.26	46 43N	17 10E	76.6	189.3	2.511	13.30	61.1	S0409	.07190	9.4498	0.8	A
9030	35582.06	46 14N	17 20E	81.2	189.3	2.385	22.40	61.6	S0409	.05410	8.9055	0.8	A
9031	35598.06	44 53N	15 47E	74.8	189.1	2.511	-14.00	62.2	S0409	.07190	9.6642	1.0	F
9032	35603.46	44 52N	15 47E	74.6	189.0	2.511	-13.30	62.2	S0409	.07190	9.7466	0.8	A
9033	35615.66	43 36N	15 26E	78.9	188.9	2.733	18.90	63.6	S0409	.07190	9.2024	0.8	F
9034	35621.26	43 36N	15 26E	79.1	188.8	2.511	19.60	63.6	S0409	.07190	9.1282	0.8	A
9035	35629.06	43 2N	15 6E	76.2	188.8	2.511	14.00	64.0	S0409	.07190	9.4428	0.4	A
9036	35997.66	17 44N	9 44E	76.7	186.7	3.211	-20.30	71.5	S0409	.05410	9.4499	1.0	A
9037	36051.66	13 49N	8 60E	77.5	186.6	3.211	-22.05	69.9	S0409	.05410	9.4415	1.0	V
532 9001	40850.46	48 20N	4 29W	75.9	189.7	2.511	9.80	59.7	S0409	.09670	9.5487	1.0	F
9002	40855.86	48 20N	4 30W	75.9	189.7	2.385	10.50	59.7	S0409	.09670	9.5322	1.0	A
9003	41154.06	27 50N	9 58W	71.9	187.9	3.090	-1.75	72.1	S0409	.07190	10.0765	1.0	A
533 9001	47194.26	22 46S	42 5W	102.5	187.0	3.211	-28.70	40.9	S0409	.05410	7.0467	1.0	V
9002	47198.06	22 46S	42 5W	103.8	187.0	3.439	-28.70	40.9	S0409	.05410	6.9100	1.0	A
534 9001	52628.06	31 47S	64 24W	106.7	187.5	2.385	19.95	33.1	S0409	.07190	6.7533	1.0	V
9002	52632.06	31 47S	64 24W	108.6	187.6	2.385	20.30	33.1	S0409	.05410	6.5224	1.0	A
535 9001	57082.66	24 01N	77 5W	77.1	187.2	2.872	-23.45	72.0	S0409	.05410	9.3673	0.4	F
9002	57535.26	4 26S	81 17W	97.8	186.4	2.511	30.80	58.1	S0409	.05410	7.3141	0.6	A
536 9001	62112.85	45 4N	93 11W	87.3	189.1	2.385	30.45	62.7	S0409	.05410	8.3448	3.0	F
9002	62339.85	29 39N	98 27W	75.1	187.4	2.872	-19.60	71.3	S0409	.07190	9.6229	3.8	F
9003	62347.45	29 30N	98 29W	74.9	187.4	3.090	-19.25	71.3	S0409	.07190	9.7054	3.6	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
536 9004	62429.85	23 45N	98 57W	73.9	187.0	3.090	4.10	72.9	S0409	.0719U	9.7879	0.8	A
9005	62453.65	22 4N	98 48W	84.3	186.9	2.733	27.65	73.4	S0409	.0541U	8.5510	0.8	A
9006	62467.45	20 46N	99 23W	75.4	186.9	3.211	14.70	72.9	S0409	.0719U	9.6559	0.6	F
9007	62472.85	20 40N	99 21W	76.2	186.9	3.090	16.45	72.9	S0409	.0541U	9.4745	0.6	A
9008	62519.25	17 44N	100 25W	73.2	186.7	3.439	-2.45	71.7	S0409	.0719U	9.9115	0.6	F
9009	62524.65	17 40N	100 25W	73.3	186.7	3.439	-1.40	71.7	S0409	.0719U	9.8703	0.4	A
537 9001	67578.05	34 4N	118 9W	87.2	187.8	2.511	32.55	70.3	S0409	.0541U	8.4355	2.8	V
541 9001	2135.04	53 7N	158 22E	79.1	190.8	2.170	13.65	55.8	S0409	.0541U	9.1612	0.4	F
9002	2137.84	53 7N	158 22E	78.9	190.7	2.170	14.00	55.8	S0409	.0541U	9.3756	0.4	V
9003	2143.44	52 55N	158 26E	80.9	190.6	2.033	18.20	56.0	S0409	.0719U	8.9385	0.6	A
9004	2160.44	51 40N	156 50E	76.6	190.4	2.033	-11.55	57.0	S0409	.0409U	9.4333	1.0	F
9005	2166.04	51 29N	156 49E	76.3	190.3	2.170	-11.20	57.0	S0409	.0409U	9.4992	0.8	A
9006	2172.04	50 55N	156 41E	75.0	190.2	2.170	-9.45	57.5	S0409	.0541U	9.7691	0.4	V
9007	2174.84	50 55N	156 41E	75.8	190.1	2.170	-9.10	57.5	S0409	.0541U	9.5736	0.4	A
9008	2185.84	50 5N	155 23E	88.7	190.0	1.687	-34.65	58.0	S0409	.0409U	8.2459	0.4	V
9009	2189.04	50 5N	155 23E	89.4	189.9	1.687	-34.30	58.0	S0409	.0409U	8.1304	0.4	A
542 9001	7512.04	48 28N	135 23E	92.2	189.8	2.170	33.25	60.0	S0409	.0409U	7.8995	0.6	F
9002	7515.24	48 29N	135 23E	91.4	189.7	2.170	33.60	60.0	S0409	.0409U	8.0397	0.6	V
9003	7522.04	48 2N	135 6E	88.5	189.6	2.170	31.15	60.3	S0409	.0409U	8.3046	0.8	V
9004	7525.24	48 2N	135 7E	89.8	189.6	2.170	31.50	60.3	S0409	.0409U	8.0644	0.8	A
9005	7532.04	47 46N	134 21E	79.9	189.5	2.385	18.90	60.9	S0409	.0719U	9.0869	1.0	F
9006	7537.24	46 52N	134 9E	78.5	189.4	2.385	16.45	61.1	S0409	.0719U	9.2436	0.6	F
9007	7543.24	46 50N	134 17E	81.1	189.4	2.385	21.35	61.2	S0409	.0541U	8.9220	0.8	A
9008	7550.84	45 58N	133 44E	76.8	189.3	2.511	12.60	61.8	S0409	.0719U	9.4580	1.2	F
9009	7554.64	45 53N	133 42E	75.6	189.2	2.511	12.25	61.9	S0409	.0719U	9.7054	1.6	V
9010	7558.04	45 48N	133 37E	75.6	189.2	2.511	12.25	62.0	S0409	.0719U	9.7136	0.4	V
9011	7569.04	44 51N	132 3E	82.9	189.1	2.033	-28.70	62.2	S0409	.0541U	8.7159	1.6	F
9012	7574.24	44 49N	132 8E	79.7	189.0	2.033	-24.15	62.5	S0409	.0541U	9.0540	0.6	F
9013	7577.24	44 48N	132 7E	78.5	189.0	2.033	-23.80	62.5	S0409	.0541U	9.3343	0.4	V
9014	7582.04	43 57N	131 56E	80.4	188.9	2.170	-25.55	62.9	S0409	.0541U	8.9653	2.0	F
9015	7587.84	43 57N	131 56E	79.9	188.9	2.385	-25.20	62.9	S0409	.0541U	9.0952	0.8	A
9016	7596.24	42 54N	132 32E	73.7	188.8	2.733	2.10	64.1	S0409	.0719U	9.8271	0.8	F
9017	7601.44	42 54N	132 32E	73.7	188.7	2.733	2.80	64.1	S0409	.0719U	9.8373	0.8	A
9018	8194.64	1 50N	124 52E	91.1	186.4	2.872	27.65	62.8	S0409	.0541U	7.9820	0.4	F
9019	8197.64	1 54N	124 51E	90.1	186.4	2.872	27.65	62.9	S0409	.0541U	8.1154	0.6	V
9020	8201.04	1 51N	124 51E	91.7	186.4	2.872	28.00	62.9	S0409	.0541U	7.8336	0.6	A
9021	8210.24	0 55N	124 44E	91.6	186.4	2.733	27.65	62.4	S0409	.0541U	7.8936	0.4	A
543 9001	12780.63	51 26N	113 4E	75.2	190.4	2.033	2.45	57.2	S0130	.0226U	9.6301	0.8	F
9002	12786.03	51 26N	113 4E	75.2	190.3	2.033	3.15	57.2	S0130	.0226U	9.6465	0.8	A
9003	12787.63	51 22N	113 1E	75.1	190.3	2.033	3.15	57.3	S0130	.0226U	9.6548	0.6	A
9004	13038.03	33 55N	107 16E	81.8	187.7	2.384	-31.50	69.3	S0130	.0171U	8.8158	0.6	F
9005	13044.03	33 54N	107 17E	81.0	187.7	2.733	-30.80	69.3	S0130	.0171U	8.9869	0.4	A
9006	13090.43	30 17N	106 50E	75.7	187.4	2.872	-21.00	71.1	S0130	.0226U	9.5594	1.2	F
9007	13095.23	30 6N	106 45E	75.3	187.4	2.872	-22.05	71.1	S0130	.0226U	9.7290	0.4	V
9008	13098.03	30 6N	106 45E	76.1	187.4	2.872	-21.70	71.1	S0130	.0226U	9.5441	0.4	A
9009	13208.03	22 0N	105 33E	72.6	186.9	3.211	-7.70	72.6	S0130	.0226U	9.9763	0.4	F
9010	13213.23	22 0N	105 33E	72.6	186.9	3.211	-6.65	72.6	S0130	.0226U	10.0011	0.4	A
9011	13223.03	21 5N	105 31E	72.7	186.9	3.439	-0.35	72.6	S0130	.0226U	9.9641	0.4	F
9012	13228.23	21 5N	105 31E	73.0	186.9	3.211	1.05	72.7	S0130	.0226U	9.9451	0.6	A
9013	13285.63	16 42N	105 1E	76.3	186.7	3.211	12.95	71.8	S0130	.0226U	9.5229	0.6	F
9014	13291.23	16 42N	105 1E	77.0	186.7	3.211	14.00	71.9	S0130	.0226U	9.3992	0.4	A
9001	12882.03	45 0N	110 11E	78.4	189.0	2.385	-23.10	62.2	S0409	.0541U	9.2684	0.6	A
9002	12920.83	42 5N	109 60E	71.7	188.6	2.733	-4.20	64.6	S0409	.0719U	10.2249	0.4	V
9003	12928.23	41 42N	110 26E	75.9	188.6	2.511	15.05	65.1	S0409	.0541U	9.5322	0.4	A
9004	12936.03	40 52N	109 38E	73.1	188.5	2.733	-6.30	65.4	S0409	.0541U	9.8868	0.6	F
9005	12941.23	40 52N	109 38E	73.0	188.5	2.733	-5.25	65.4	S0409	.0541U	9.9363	0.6	A
9006	13316.23	14 54N	103 30E	86.3	186.6	3.090	-35.00	70.1	S0409	.0541U	8.4767	1.0	V
9007	13326.03	14 46N	103 32E	82.4	186.6	3.090	-30.10	69.9	S0409	.0541U	8.8808	0.6	V
9008	13329.43	14 41N	103 30E	83.7	186.5	3.090	-30.45	69.9	S0409	.0409U	8.6664	0.4	A
9009	13348.63	12 56N	104 39E	88.8	186.6	2.872	29.75	70.2	S0409	.0541U	8.1716	0.8	F
9010	13351.83	12 56N	104 39E	88.2	186.6	2.872	30.10	70.2	S0409	.0541U	8.2708	0.8	V
9011	13499.63	2 8N	102 34E	83.2	186.4	3.090	18.55	63.1	S0409	.0541U	8.7818	1.2	V
544 9001	17784.43	72 0N	102 34E	87.8	201.2	0.776	-19.25	36.2	S0409	.0409U	8.1799	0.6	F
9002	18019.43	56 1UN	93 22E	80.9	191.6	2.033	16.10	53.2	S0409	.0719U	8.9468	0.6	F
9003	18022.43	56 1UN	93 22E	80.0	191.6	2.033	16.45	53.2	S0409	.0719U	9.1529	0.6	V
9004	18197.23	44 42N	88 0E	76.4	189.0	2.385	-18.90	62.8	S0409	.0541U	9.4580	0.6	F
9005	18202.83	44 14N	87 60E	76.0	188.9	2.385	-18.20	62.9	S0409	.0541U	9.5570	0.8	A
9006	18208.83	43 50N	87 42E	76.6	188.9	2.385	-21.70	63.4	S0409	.0719U	9.4168	0.4	F
9007	18211.63	43 24N	87 42E	75.6	188.8	2.385	-21.35	63.4	S0409	.0719U	9.7054	0.4	V
9008	18215.83	43 19N	87 35E	77.3	188.8	2.385	-23.80	63.4	S0409	.0719U	9.4003	0.4	A
9009	18226.03	42 14N	87 20E	78.0	188.7	2.385	-23.45	64.2	S0409	.0541U	9.2519	1.0	F
9010	18231.63	42 14N	87 20E	77.4	188.6	2.511	-22.75	64.3	S0409	.0541U	9.3756	0.8	A
9011	18247.03	40 46N	87 14E	74.4	188.5	2.511	-15.05	65.4	S0409	.0719U	9.7054	0.4	F
9012	18252.23	40 47N	87 14E	74.1	188.4	2.733	-14.70	65.4	S0409	.0719U	9.7361	0.4	A
9013	18450.03	26 40N	83 55E	77.8	187.2	2.872	-24.50	71.9	S0409	.0541U	9.2601	0.8	F
9014	18457.43	26 26N	84 18E	71.5	187.2	3.211	-5.60	72.4	S0409	.0719U	10.2579	0.4	V
9015	18467.83	25 58N	84 54E	80.6	187.1	2.872	24.50	73.2	S0409	.0409U	9.1054	1.0	V

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4354 COMMAND ANFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
544 9016	18477.63	24 50N	84 54E	84.7	187.1	2.733	29.40	73.4	S0409	.0541U	8.6499	1.4	V
9017	18483.03	24 47N	84 57E	98.7	187.1	2.511	32.55	73.5	S0409	.0541U	8.1304	0.0	A
9018	18493.83	24 4N	84 7E	73.4	187.0	3.211	6.65	72.9	S0409	.0719U	9.8558	1.4	A
9019	18712.83	9 50N	81 12E	76.1	186.5	3.439	2.10	67.4	S0409	.0719U	9.5240	0.4	F
9020	18718.23	9 50N	81 12E	76.4	186.5	3.439	3.15	67.5	S0409	.0719U	9.4498	0.4	A
545 9001	23351.83	54 54N	69 18E	78.5	191.2	1.810	-18.20	54.1	S0409	.0719U	9.3178	0.4	V
9002	23354.63	54 54N	69 17E	79.3	191.1	2.033	-18.20	54.1	S0409	.0719U	9.1529	0.4	A
9003	23412.03	50 36N	68 21E	74.9	190.1	2.385	-2.45	57.9	S0409	.0719U	9.6642	0.6	F
9004	23417.43	50 33N	68 21E	74.7	190.1	2.385	-1.75	57.9	S0409	.0719U	9.7054	0.8	A
9005	23451.03	47 50N	67 37E	74.4	189.6	2.511	1.75	60.2	S0409	.0541U	9.7384	0.6	F
9006	23456.23	47 50N	67 37E	74.3	189.5	2.511	2.45	60.2	S0409	.0541U	9.7549	0.8	A
9007	23500.03	44 34N	66 16E	74.1	189.0	2.511	-9.80	62.7	S0409	.0541U	9.7531	1.2	F
9008	23505.43	44 34N	66 15E	73.9	189.0	2.511	-9.45	62.7	S0409	.0541U	9.8126	1.2	A
9009	23564.03	40 9N	65 20E	72.7	188.4	2.733	-1.75	66.0	S0409	.0541U	9.9610	1.0	F
9010	23569.23	40 9N	65 21E	72.7	188.4	2.733	-0.70	66.0	S0409	.0541U	9.9775	1.0	A
9011	23574.63	39 47N	65 9E	72.7	188.3	2.872	-0.70	66.6	S0409	.0719U	9.9693	0.4	F
9012	23581.63	39 50N	65 2E	72.6	188.3	2.872	-1.75	66.8	S0409	.0541U	9.9358	0.8	F
9013	23586.83	39 57N	65 2E	72.6	188.2	2.872	-1.05	66.8	S0409	.0541U	9.9940	0.8	A
9014	23754.43	27 45N	62 21E	71.8	187.2	3.211	-6.65	72.2	S0409	.0719U	10.1095	0.8	A
546 5001	28590.62	59 42N	49 15E	79.8	192.7	1.687	-15.05	50.1	S0130	.0315U	9.0529	0.4	F
5002	28593.42	59 42N	49 15E	78.7	192.6	1.687	-14.70	50.1	S0130	.0315U	9.3003	0.8	V
5003	28645.42	55 50N	48 51E	79.0	191.4	2.033	12.60	53.4	S0130	.0226U	9.1766	0.6	A
5004	28695.82	52 9N	47 10E	76.6	190.5	2.385	8.05	56.7	S0130	.0226U	9.4569	2.0	F
5005	28702.02	52 0N	47 7E	76.5	190.4	2.170	8.05	56.7	S0130	.0226U	9.4734	1.6	A
5006	28805.62	45 1N	44 55E	75.9	189.1	2.511	11.55	62.6	S0130	.0226U	9.5806	2.6	A
9001	28590.62	59 42N	49 15E	79.8	192.7	1.687	-15.05	50.1	S0409	.0719U	9.0540	0.4	F
9002	28593.42	59 42N	49 15E	78.7	192.6	1.687	-14.70	50.1	S0409	.0719U	9.3013	0.4	V
9003	28599.82	58 40N	49 38E	77.5	192.5	1.810	1.05	50.9	S0409	.0719U	9.3343	0.6	F
9004	28605.42	58 40N	49 39E	77.3	192.3	1.810	1.75	50.9	S0409	.0719U	9.3673	0.6	A
9005	28625.02	57 1N	48 26E	77.4	191.9	1.810	-9.10	52.3	S0409	.0719U	9.3261	0.4	F
9006	28627.82	57 1N	48 27E	76.4	191.8	1.810	-8.75	52.3	S0409	.0719U	9.5417	0.4	V
9007	28631.62	56 50N	48 5E	78.3	191.7	1.810	-13.30	52.6	S0409	.0719U	9.2189	0.6	F
9008	28637.22	56 50N	48 5E	77.9	191.6	1.810	-12.60	52.6	S0409	.0719U	9.3013	0.6	A
9009	28645.42	56 50N	48 50E	78.9	191.4	2.033	12.60	53.4	S0409	.0719U	9.1777	0.6	A
9010	28663.42	54 10N	48 15E	79.2	191.1	2.170	14.00	54.8	S0409	.0719U	9.1529	0.6	F
9011	28669.22	54 8N	48 14E	79.2	191.0	2.033	14.70	54.8	S0409	.0719U	9.1364	0.6	A
9012	28677.62	53 40N	46 51E	76.8	190.8	2.033	-15.05	55.2	S0409	.0719U	9.5487	0.4	V
9013	28680.42	53 39N	46 51E	77.5	190.8	2.033	-14.70	55.2	S0409	.0719U	9.3673	0.4	A
9014	28695.62	52 9N	47 11E	76.6	190.5	2.385	8.05	56.7	S0409	.0719U	9.4580	2.0	F
9015	28702.02	52 0N	47 7E	76.5	190.4	2.170	8.05	56.7	S0409	.0719U	9.4745	1.6	A
9016	28710.62	51 14N	45 57E	77.6	190.3	2.039	-16.45	57.2	S0409	.0719U	9.3013	0.8	F
9017	28716.22	51 13N	45 57E	77.2	190.2	2.170	-15.75	57.3	S0409	.0719U	9.4003	0.6	A
9018	28730.62	50 0N	45 16E	79.9	190.0	2.033	-24.15	58.1	S0409	.0719U	9.1777	0.6	V
9019	28733.62	50 0N	45 15E	80.7	189.9	2.033	-24.15	58.1	S0409	.0719U	8.9962	0.6	A
9020	28745.02	49 49N	45 49E	74.8	189.8	2.385	2.10	59.4	S0409	.0719U	9.6307	0.8	F
9021	28750.42	49 49N	45 49E	74.8	189.7	2.385	3.15	59.4	S0409	.0719U	9.6972	0.8	A
9022	28773.22	46 50N	44 58E	74.2	189.4	2.511	-5.60	60.9	S0409	.0719U	9.7549	0.8	F
9023	28778.42	46 50N	44 58E	74.0	189.4	2.511	-4.90	60.9	S0409	.0719U	9.8043	1.0	A
9024	28791.22	46 7N	44 13E	77.7	189.2	2.385	-20.65	61.4	S0409	.0719U	9.3508	1.4	A
9025	28815.82	43 50N	44 41E	76.4	189.0	2.733	13.30	63.5	S0409	.0409U	9.4310	0.4	F
9026	28819.62	43 50N	44 42E	75.7	188.9	2.511	14.00	64.5	S0409	.0409U	9.6972	0.4	V
9027	28824.82	43 49N	45 11E	89.8	188.9	2.511	32.55	64.3	S0409	.0309U	8.1057	0.6	F
9028	28828.02	43 42N	45 11E	89.1	188.8	2.511	32.90	64.3	S0409	.0409U	8.2459	0.6	V
9029	28833.62	43 4N	44 48E	82.1	188.8	2.385	24.85	64.3	S0409	.0541U	8.8068	0.8	A
9030	28846.42	41 42N	44 53E	93.2	188.6	2.385	35.70	65.5	S0409	.0309U	7.8088	0.6	F
9031	28849.82	41 42N	44 54E	92.7	188.6	2.170	36.40	65.5	S0409	.0309U	7.9325	0.6	V
9032	28852.82	41 29N	44 48E	91.7	188.6	2.170	35.70	65.6	S0409	.0309U	8.0450	0.8	V
9033	28856.02	41 30N	44 49E	93.2	188.6	2.170	36.05	65.6	S0409	.0309U	7.7676	1.0	A
9034	28862.42	40 51N	44 28E	87.1	188.5	2.385	32.20	66.0	S0409	.0541U	8.4273	0.6	V
9035	28868.82	40 33N	44 9E	84.3	188.4	2.511	28.00	66.4	S0409	.0541U	8.6417	1.0	F
9036	28875.02	40 18N	44 10E	85.0	188.4	2.385	29.05	66.4	S0409	.0541U	8.5015	0.8	A
9037	28959.02	34 44N	41 9E	78.6	187.8	2.511	-26.95	69.1	S0409	.0541U	9.3178	0.6	V
9038	28977.22	33 44N	40 36E	87.5	187.7	2.511	-36.75	69.4	S0409	.0309U	8.3118	1.0	A
9039	28982.22	33 0N	40 17E	95.4	187.6	2.511	-43.05	69.4	S0409	.0309U	7.6192	0.6	A
9040	29481.22	1 42S	35 16E	80.1	186.4	3.439	5.25	60.0	S0409	.0719U	8.9797	1.0	A
9041	29512.42	3 24S	33 38E	104.7	186.4	3.211	-42.35	57.5	S0409	.0541U	6.9265	0.6	A
9042	29521.62	4 16S	34 22E	81.9	186.4	3.574	-13.30	57.5	S0409	.0719U	8.7383	1.2	A
9043	29856.82	27 30S	30 19E	96.2	187.2	3.090	-2.80	36.6	S0409	.0719U	7.4460	1.0	F
9044	29865.22	28 0S	30 1E	96.2	187.3	3.211	-9.45	36.2	S0409	.0719U	7.5120	1.0	V
9045	29869.82	28 0S	30 9E	97.0	187.3	3.211	-4.55	36.1	S0409	.0719U	7.3470	1.2	A
9046	29876.82	28 26S	29 46E	99.2	187.3	3.211	-13.65	35.6	S0409	.0719U	7.1904	1.2	A
9047	29883.22	29 0S	29 55E	97.8	187.4	3.090	-5.60	35.3	S0409	.0719U	7.2811	1.2	A
9048	29891.42	29 37S	30 24E	102.4	187.4	2.733	12.95	34.9	S0409	.0719U	6.9347	1.0	A
547 9001	33749.82	69 11N	35 52E	84.6	198.4	1.332	16.45	41.0	S0409	.0541U	8.6417	0.4	V
9002	33752.82	69 12N	35 51E	85.4	198.2	1.332	16.45	41.0	S0409	.0541U	8.4520	0.4	A
9003	33840.42	60 7N	30 30E	104.7	193.1	1.810	39.55	49.8	S0409	.0541U	6.9430	0.8	F
9004	33885.42	59 49N	30 12E	102.3	193.0	1.810	38.15	50.1	S0409	.0541U	7.1079	0.8	F
9005	33889.02	59 49N	30 11E	100.9	192.9	1.810	38.15	50.1	S0409	.0541U	7.2728	1.0	V
9006	33892.82	59 49N	30 11E	102.5	192.8	1.475	38.85	50.1	S0409	.0541U	7.0584	0.8	A
9007	33923.62	57 50N	26 31E	77.8	192.1	1.910	-10.50	51.8	S0409	.0719U	9.2766	0.4	F
9008	33928.62	57 14N	26 33E	77.0	191.9	1.910	-5.95	52.1	S0409	.0719U	9.3808	1.2	F

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
547 9009	33934.02	57 10N	26 33E	76.8	191.8	2.033	-5.95	52.1	S0409	.07190	9.4333	1.2	A
9010	33951.22	55 07N	26 35E	78.4	191.5	2.170	11.20	53.7	S0409	.07190	9.2354	0.6	F
9011	33956.82	56 07N	26 34E	78.5	191.4	2.033	11.90	53.7	S0409	.07190	9.2149	0.6	A
9012	33965.42	54 08N	26 23E	80.4	191.2	2.170	16.80	54.6	S0409	.07190	9.0210	0.6	F
9013	33968.42	54 07N	26 23E	79.6	191.1	2.170	17.15	54.6	S0409	.07190	9.2189	0.8	V
9014	33976.42	53 50N	25 28E	75.8	191.0	2.170	0.70	55.0	S0409	.07190	9.5405	0.4	F
9015	33981.42	53 40N	24 54E	76.7	190.9	2.033	-11.20	55.2	S0409	.07190	9.4250	1.0	F
9016	33987.02	53 40N	24 55E	76.3	190.8	2.170	-10.50	55.2	S0409	.07190	9.4910	0.8	A
9017	33995.62	53 39N	25 5E	75.8	190.6	2.170	3.85	56.2	S0409	.07190	9.5487	0.6	F
9018	34001.22	53 38N	25 5E	75.8	190.6	2.170	4.55	56.2	S0409	.07190	9.5652	0.6	A
9019	34009.02	50 51N	25 24E	87.3	190.3	2.170	28.65	58.0	S0409	.05410	8.3566	0.4	F
9020	34023.22	50 51N	25 23E	86.1	190.2	2.170	28.35	58.0	S0409	.05410	8.5262	1.2	V
9021	34026.82	50 49N	25 22E	87.1	190.2	2.170	28.35	58.0	S0409	.05410	8.3118	0.8	A
9022	34132.42	43 20N	21 57E	73.2	188.9	2.733	-1.75	63.7	S0409	.07190	9.8951	0.6	F
9023	34137.82	43 19N	21 57E	73.1	188.8	2.733	-1.05	63.8	S0409	.07190	9.9198	0.6	A
9024	34150.22	41 56N	22 45E	89.8	188.7	2.385	33.60	65.3	S0409	.04090	8.1057	0.8	F
9025	34170.62	40 48N	19 54E	95.7	188.5	1.810	-41.65	64.9	S0409	.03090	7.5120	0.8	F
9026	34174.02	40 48N	19 54E	94.2	188.5	2.033	-41.65	64.9	S0409	.03090	7.7758	0.8	V
9027	34179.42	40 07N	20 6E	88.2	188.4	2.385	-36.40	65.2	S0409	.05410	8.2541	0.6	A
9028	34185.62	39 58N	20 6E	83.4	188.4	2.385	-32.55	65.7	S0409	.05410	8.7901	0.4	V
9029	34188.62	39 58N	20 6E	84.0	188.3	2.385	-32.20	65.7	S0409	.05410	8.6582	0.4	A
9030	34201.42	39 58N	20 47E	72.6	188.2	2.872	-2.45	66.8	S0409	.04090	9.9858	1.0	A
9031	34344.62	28 07N	19 19E	84.8	187.3	2.733	28.70	72.6	S0409	.05410	8.5922	0.8	F
9032	34357.22	28 16N	18 7E	73.5	187.3	3.211	-14.00	71.9	S0409	.07190	9.8868	1.0	A
9033	34475.62	20 5N	16 55E	73.1	186.8	3.211	3.15	72.5	S0409	.07190	9.8951	1.2	A
9034	34577.62	12 41N	14 50E	83.0	186.6	3.090	-29.05	69.2	S0409	.04090	8.6911	1.0	F
9035	34590.42	12 10N	15 2E	76.7	186.5	3.439	-16.45	69.2	S0409	.07190	9.4498	1.0	A
9036	34694.42	4 56N	13 44E	79.1	186.4	3.439	-16.80	64.4	S0409	.05410	9.1282	1.2	F
9037	34758.22	0 56N	12 56E	82.4	186.4	3.574	-20.30	61.3	S0409	.05410	8.7571	0.8	A
548 9001	39520.42	37 56N	0 59W	78.9	188.1	2.733	20.30	68.0	S0409	.07190	9.2106	1.0	F
9002	39526.22	37 56N	0 59W	79.5	188.1	2.511	21.70	68.1	S0409	.07190	9.0352	0.8	A
9003	39541.82	33 07N	1 58W	77.2	187.7	2.733	20.65	70.4	S0409	.05410	9.5075	0.8	V
9004	39587.62	33 24N	1 57W	79.5	187.7	2.733	22.75	70.5	S0409	.05410	9.0952	1.0	A
9005	39596.82	32 56N	1 57W	83.2	187.6	2.511	28.35	71.1	S0409	.05410	8.8251	0.8	V
9006	39600.02	32 52N	1 57W	84.2	187.6	2.511	29.05	71.1	S0409	.05410	8.5849	0.6	A
9007	39607.42	31 07N	2 13W	82.7	187.6	2.733	26.25	71.5	S0409	.05410	9.7383	0.6	F
9008	39613.22	31 06N	2 13W	83.3	187.5	2.511	27.30	71.5	S0409	.05410	8.6746	0.8	A
9009	39853.82	15 15N	7 15W	95.4	186.6	2.872	-41.65	70.0	S0409	.03090	7.6027	0.8	A
550 9001	50849.61	11 51S	55 29W	87.7	186.5	3.439	-16.80	50.8	S0409	.07190	8.2046	0.8	F
9002	50862.81	12 56S	54 23W	102.1	186.5	2.733	29.75	50.5	S0409	.05410	7.0352	1.0	F
9003	50873.21	13 0S	54 29W	101.5	186.5	2.385	29.05	50.3	S0409	.05410	7.0337	0.6	A
9004	50925.01	17 1S	56 34W	93.3	186.7	3.439	-21.35	46.1	S0409	.07190	7.6851	1.0	F
9005	50939.01	17 9S	55 15W	105.4	186.7	2.385	29.40	46.3	S0409	.05410	6.7451	0.8	A
9006	50953.21	18 54S	55 15W	111.2	186.8	2.170	34.30	45.2	S0409	.05410	6.5224	1.0	V
9007	50982.41	21 9S	55 49W	108.0	186.9	2.511	29.40	43.0	S0409	.05410	6.6791	1.0	F
9008	50990.21	21 24S	56 5W	101.4	186.9	2.511	23.80	42.7	S0409	.05410	7.1491	1.4	V
9009	51004.41	22 14S	57 28W	94.3	186.9	3.439	-17.15	41.4	S0409	.07190	7.6934	0.8	V
9010	51010.41	22 37S	57 49W	99.5	187.0	3.211	-25.55	40.9	S0409	.07190	7.2811	1.0	V
9011	51017.61	23 24S	57 25W	93.6	187.0	3.211	-8.40	40.4	S0409	.07190	7.6604	0.4	F
9012	51022.61	23 32S	57 15W	92.5	187.0	3.211	-1.05	40.4	S0409	.07190	7.8414	0.8	V
9013	51027.21	24 0S	57 8W	94.9	187.0	3.211	5.95	40.0	S0409	.07190	7.5697	1.0	F
9014	51032.01	23 56S	57 15W	94.4	187.0	3.211	1.75	40.1	S0409	.07190	7.5614	1.0	A
9015	51038.41	24 25S	56 53W	100.3	187.1	2.872	16.80	39.8	S0409	.07190	7.0997	0.8	A
9016	51045.01	25 17S	57 37W	94.6	187.1	3.090	-2.10	38.8	S0409	.07190	7.5779	0.6	F
9017	51048.01	25 15S	57 36W	93.7	187.1	3.090	-1.40	38.8	S0409	.07190	7.7284	1.0	V
9018	51175.61	33 57S	59 12W	101.4	187.7	2.733	4.90	30.7	S0409	.07190	7.1079	0.6	V
9019	51178.41	33 57S	59 12W	103.0	187.8	2.733	5.25	30.7	S0409	.07190	6.8935	0.6	A
551 9001	55693.21	19 54N	71 38W	72.8	186.8	3.439	-2.80	72.4	S0409	.07190	9.9693	1.0	F
9002	55701.21	19 47N	72 11W	78.2	186.8	3.211	-24.15	71.9	S0409	.05410	9.3096	1.2	A
9003	55716.41	19 44N	72 23W	78.4	186.8	3.211	-24.15	71.7	S0409	.05410	9.2601	0.6	A
9004	55832.21	10 20N	73 15W	74.4	186.5	3.439	2.10	68.6	S0409	.07190	9.8456	0.8	V
9005	56154.81	11 50S	77 9W	84.6	186.6	3.439	-0.35	51.1	S0409	.07190	9.6169	0.6	V
9006	56158.41	12 1S	77 8W	85.0	186.6	3.211	2.45	50.9	S0409	.07190	9.5674	0.8	V
9007	56161.61	12 1S	77 8W	86.3	186.6	3.439	2.80	50.9	S0409	.07190	9.3118	0.6	A
552 5001	60793.81	38 47N	90 21W	77.3	188.2	2.511	-23.10	66.7	S0130	.02260	9.3497	0.4	F
5002	60799.21	38 47N	90 21W	77.0	188.2	2.733	-22.75	66.7	S0130	.02260	9.4569	0.6	A
9001	60723.61	38 47N	90 21W	77.3	188.2	2.511	-23.10	66.7	S0409	.07190	9.3508	0.6	F
9002	60729.21	38 47N	90 22W	77.0	188.2	2.733	-22.75	66.7	S0409	.07190	9.4580	0.4	A
9003	61025.61	18 1N	93 28W	81.1	186.8	2.872	23.80	72.5	S0409	.05410	9.0540	0.4	V
9004	61029.61	18 1N	93 28W	82.3	186.7	2.872	24.15	72.5	S0409	.05410	8.7654	0.4	A
553 5001	66103.00	33 26N	113 9W	71.7	187.7	3.090	-5.25	70.1	S0130	.01710	10.0318	0.6	F
5002	66108.20	33 26N	113 9W	71.8	187.7	3.090	-4.20	70.1	S0130	.01710	10.1165	0.6	A
9001	66103.00	33 26N	113 9W	71.8	187.7	3.090	-5.25	70.1	S0409	.05410	10.0930	0.6	F
9002	66108.00	33 26N	113 9W	71.7	187.7	3.090	-4.20	70.1	S0409	.05410	10.1177	0.8	A
9003	66133.00	31 26N	113 31W	71.9	187.5	3.090	-1.40	71.1	S0409	.07190	10.0765	1.0	F
558 9001	5963.99	53 05N	142 32E	78.7	190.8	2.033	12.60	55.6	S0409	.09670	9.1941	0.6	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
559 5001	11117.99	63 46N	125 33E	81.9	194.7	1.687	10.85	46.4	S0130	.03150	8.8138	1.0	F
5002	11123.99	63 42N	125 33E	81.9	194.5	1.475	11.55	46.4	S0130	.03150	8.8385	0.8	A
5003	11463.59	40 17N	116 9E	75.0	188.4	2.733	10.85	66.2	S0130	.01710	9.6630	0.6	F
5004	11468.99	40 17N	116 9E	75.3	188.4	2.733	11.55	66.2	S0130	.01710	9.6218	0.6	A
5005	11644.19	27 05N	112 54E	72.2	187.3	3.211	-6.30	72.2	S0130	.02260	10.0258	0.6	F
5006	11649.39	27 05N	112 54E	72.3	187.3	3.211	-5.25	72.2	S0130	.02260	10.0423	0.8	A
5007	11659.99	26 49N	112 39E	72.3	187.2	3.211	-7.70	72.4	S0130	.02260	10.0011	0.4	F
5008	11665.19	26 49N	112 39E	72.4	187.2	3.211	-6.65	72.4	S0130	.02260	10.0258	0.4	A
9001	11117.99	63 46N	125 33E	81.9	194.7	1.687	10.85	46.4	S0409	.07190	8.8148	0.8	F
9002	11123.99	63 42N	125 33E	81.8	194.5	1.475	11.55	46.4	S0409	.07190	8.8396	0.8	A
9003	11411.59	43 06N	116 21E	75.0	188.9	2.385	-15.40	63.3	S0409	.05410	9.6312	0.8	F
9004	11424.79	43 16N	117 33E	85.7	188.5	2.385	29.05	64.3	S0409	.04090	8.4273	0.4	A
9005	11440.39	42 14N	116 47E	76.3	188.7	2.511	15.75	64.9	S0409	.07190	9.4910	0.6	A
9006	11448.39	41 13N	116 38E	77.8	188.6	2.733	17.65	65.6	S0409	.05410	9.5261	0.8	F
9007	11451.79	41 10N	116 38E	77.3	188.5	2.511	18.90	65.7	S0409	.05410	9.4910	1.2	V
9008	11456.39	41 08N	116 38E	78.9	188.5	2.511	20.30	65.8	S0409	.05410	9.1777	0.4	A
9009	11463.59	40 17N	116 9E	75.1	188.4	2.733	10.85	66.2	S0409	.05410	9.6642	0.6	F
9010	11468.99	40 17N	116 9E	75.2	188.4	2.733	11.55	66.3	S0409	.05410	9.6229	0.6	A
9011	11476.19	39 59N	115 36E	72.2	188.3	2.733	-3.85	66.4	S0409	.07190	10.0435	0.6	A
9012	11479.79	39 54N	115 33E	72.0	188.3	2.733	-2.45	66.7	S0409	.05410	10.1919	0.4	V
9013	11484.59	39 50N	115 27E	72.7	188.3	2.872	-4.20	66.7	S0409	.07190	9.9775	0.4	A
9014	11550.19	34 20N	115 35E	93.7	187.8	2.385	37.45	70.4	S0409	.04090	7.8336	0.6	V
9015	11556.39	34 13N	114 51E	77.3	187.8	2.733	17.85	70.1	S0409	.05410	9.3591	0.4	A
9016	11603.99	30 53N	114 18E	82.6	187.5	2.872	25.90	72.0	S0409	.07190	8.8513	0.6	F
9017	11609.79	30 44N	114 17E	83.0	187.4	2.733	26.60	72.0	S0409	.07190	8.6994	0.8	A
9018	11613.59	30 38N	114 20E	85.9	187.4	2.511	30.10	72.2	S0409	.05410	8.4108	0.6	A
9019	11644.19	27 04N	112 54E	72.3	187.3	3.211	-6.30	72.2	S0409	.07190	10.0270	0.4	F
9020	11649.39	27 04N	112 54E	72.2	187.3	3.211	-5.25	72.2	S0409	.07190	10.0435	0.4	A
9021	11659.99	26 49N	112 39E	72.4	187.2	3.211	-7.70	72.4	S0409	.07190	10.0023	0.4	F
9022	11665.19	26 49N	112 39E	72.3	187.2	3.211	-6.65	72.4	S0409	.07190	10.0270	0.4	A
9023	11996.19	3 06N	108 24E	77.9	186.4	3.574	-18.15	63.9	S0409	.07190	9.2684	1.4	A
560 5001	16928.58	29 09N	91 5E	70.5	187.4	3.090	-8.40	71.6	S0130	.02260	10.2762	0.4	F
5002	16933.58	29 06N	91 5E	70.5	187.4	3.090	-7.70	71.7	S0130	.02260	10.3061	0.4	A
9001	16665.58	47 45N	96 51E	85.4	189.6	2.033	29.40	60.7	S0409	.05410	8.5859	0.4	V
9002	16668.78	47 43N	96 51E	86.7	189.5	2.033	29.75	60.8	S0409	.04090	8.3366	0.4	A
9003	16740.38	42 30N	94 13E	72.9	188.7	2.733	-3.50	64.4	S0409	.05410	9.9280	1.0	F
9004	16928.38	29 08N	91 5E	70.5	187.4	3.090	-8.40	71.6	S0409	.07190	10.2744	0.6	F
9005	16933.58	29 06N	91 5E	70.4	187.4	3.090	-7.70	71.7	S0409	.07190	10.3074	0.4	A
9006	17915.38	37 01S	77 33E	112.6	188.1	2.872	-24.85	26.4	S0409	.07190	6.3905	0.6	V
9007	17919.58	37 01S	77 34E	113.0	188.2	3.090	-24.50	26.5	S0409	.07190	6.2586	0.6	A
561 5001	21995.78	46 26N	72 51E	74.4	189.3	2.385	-13.65	61.3	S0130	.02260	9.8444	0.8	V
5002	22005.78	45 53N	73 32E	76.7	189.2	2.511	13.30	62.1	S0130	.02260	9.4569	0.8	A
5003	22042.38	42 59N	72 44E	76.2	188.8	2.733	13.65	64.3	S0130	.01710	9.5146	0.8	F
5004	22047.78	43 0N	72 45E	76.7	188.8	2.511	15.05	64.3	S0130	.01710	9.4487	0.8	A
5005	22081.18	40 26N	71 45E	73.3	188.4	2.872	4.20	66.1	S0130	.02260	9.9021	0.6	F
5006	22086.38	40 23N	71 45E	73.4	188.4	2.872	5.25	66.1	S0130	.02260	9.8774	0.6	A
5007	22147.58	35 42N	71 21E	84.1	187.9	2.733	29.40	69.5	S0130	.01710	8.6571	1.0	F
5008	22149.18	35 36N	71 19E	84.3	187.9	2.733	29.40	69.6	S0130	.01710	8.6524	0.8	F
5009	22153.78	35 42N	71 21E	84.9	187.9	2.511	30.45	69.5	S0130	.01710	8.5535	0.8	A
5010	22304.18	25 0N	67 27E	82.2	187.1	2.733	-30.80	72.1	S0130	.02260	8.7891	0.8	F
9001	21651.58	69 21N	87 22E	92.6	198.6	1.332	27.30	41.1	S0409	.04090	7.8830	1.0	V
9002	21654.98	69 21N	87 24E	94.0	198.4	1.113	28.00	41.1	S0409	.04090	7.6851	1.0	A
9003	21876.58	54 41N	76 33E	78.3	191.1	2.033	11.20	54.7	S0409	.05410	9.2354	0.8	A
9004	21995.78	46 26N	72 51E	74.4	189.3	2.385	-13.65	61.3	S0409	.07190	9.8456	0.8	V
9005	22005.58	45 53N	73 32E	76.7	189.2	2.511	13.30	62.1	S0409	.07190	9.4580	1.0	A
9006	22042.18	43 0N	72 44E	76.2	188.8	2.733	13.65	64.3	S0409	.05410	9.5157	1.0	F
9007	22047.78	42 59N	72 45E	76.6	188.8	2.511	15.05	64.3	S0409	.05410	9.4498	0.8	A
9008	22065.98	41 47N	71 44E	72.3	188.6	2.733	-6.30	65.2	S0409	.05410	10.0105	0.4	F
9009	22072.38	41 46N	71 9E	77.5	188.5	2.511	-24.85	65.0	S0409	.07190	9.3756	0.4	A
9010	22080.58	40 25N	71 46E	73.3	188.5	2.872	4.20	66.1	S0409	.05410	9.9033	1.2	F
9011	22085.98	40 24N	71 46E	73.3	188.4	2.872	5.25	66.1	S0409	.05410	9.8786	1.6	A
9012	22097.18	39 05N	71 28E	71.2	188.3	2.733	-1.05	66.4	S0409	.05410	10.1919	0.6	A
9013	22146.18	35 48N	71 22E	84.1	187.9	2.733	29.80	69.5	S0409	.04090	8.6499	0.8	F
9014	22147.58	35 42N	71 20E	84.1	187.9	2.733	29.40	69.5	S0409	.04090	8.6582	0.8	F
9015	22148.98	35 36N	71 19E	84.3	187.9	2.733	29.40	69.6	S0409	.04090	8.6334	1.0	F
9016	22157.38	35 26N	71 21E	86.8	187.9	2.511	32.20	69.7	S0409	.04090	8.3283	2.0	A
9017	22165.38	34 40N	71 17E	89.5	187.8	2.385	34.65	70.2	S0409	.04090	8.2046	1.0	V
9018	22168.78	34 39N	71 16E	90.9	187.8	2.385	35.00	70.3	S0409	.04090	7.9325	0.8	A
9019	22173.18	34 7N	71 10E	89.8	187.8	2.385	35.00	70.5	S0409	.04090	8.1716	0.6	V
9020	22176.58	34 7N	71 10E	91.2	187.7	2.385	35.35	70.6	S0409	.04090	7.9078	0.6	A
9021	22186.78	33 1N	70 37E	82.7	187.7	2.733	26.25	70.9	S0409	.04090	8.8066	0.8	F
9022	22192.58	33 2N	70 37E	83.3	187.6	2.511	27.30	70.9	S0409	.04090	8.6429	1.0	A
9023	22204.38	32 43N	70 25E	82.8	187.6	2.511	26.60	71.3	S0409	.04090	8.7324	0.6	A
9024	22303.98	25 0N	67 28E	82.2	187.1	2.733	-30.80	72.1	S0409	.05410	8.7901	1.0	F
9025	22309.98	25 0N	67 27E	81.6	187.1	2.872	-30.10	72.1	S0409	.05410	8.8873	0.8	A
9026	22312.78	24 54N	67 25E	81.7	187.1	2.872	-30.10	72.1	S0409	.05410	8.8890	1.0	A
562 5001	27095.58	60 13N	57 19E	81.6	193.1	1.810	15.05	49.6	S0130	.03150	8.8663	0.8	F
5002	27099.58	60 13N	57 19E	80.8	193.0	1.810	15.40	49.7	S0130	.03150	9.0494	0.4	V
5003	27139.38	58 1N	56 16E	82.3	192.2	2.033	17.85	51.8	S0130	.02260	8.7973	0.6	F

Handle via
BYEMAN Channels
BYE-8915/84

Approved for Release: 2021/01/22 C05132886

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
562 5004	27135.38	58 0N	56 17E	82.6	192.1	1.810	18.90	51.8	SO130	.02260	8.7726	0.6	A
5005	27141.58	57 15N	55 25E	78.0	192.0	2.033	7.00	52.4	SO130	.03150	9.2590	0.8	F
5006	27147.18	57 15N	55 24E	78.0	191.8	2.033	7.35	52.4	SO130	.03150	9.2755	0.8	A
5007	27156.98	56 17N	54 17E	77.5	191.6	1.810	-9.80	53.1	SO130	.03150	9.3085	0.6	F
5008	27162.58	56 17N	54 17E	77.3	191.5	2.033	-9.45	53.1	SO130	.03150	9.3745	0.6	A
5009	27211.58	52 35N	52 51E	76.2	190.6	2.170	-9.80	56.3	SO130	.02260	9.4652	1.0	F
5010	27217.18	52 34N	52 51E	76.1	190.5	2.170	-9.10	56.4	SO130	.02260	9.5311	0.8	A
5011	27225.18	51 40N	52 19E	77.3	190.4	2.033	-15.40	57.1	SO130	.02260	9.3250	1.0	F
5012	27230.78	51 40N	52 19E	77.1	190.3	2.170	-15.05	57.1	SO130	.02260	9.4074	1.0	A
5013	28017.78	2 55S	40 13E	94.6	186.4	3.090	-34.30	58.0	SO130	.02260	7.5853	0.6	F
5014	28021.18	2 55S	40 13E	93.0	186.4	3.090	-33.60	58.1	SO130	.02260	7.8491	0.6	V
5015	28024.58	2 55S	40 13E	94.0	186.4	3.439	-33.60	58.1	SO130	.02260	7.7090	0.6	A
9001	26946.98	67 31N	64 1E	99.5	197.2	1.332	34.65	42.9	SO409	.04090	7.3470	0.6	V
9002	26990.58	67 31N	64 2E	101.2	197.0	1.113	35.35	42.9	SO409	.04090	7.1409	0.6	A
9003	27085.18	61 20N	56 37E	78.5	193.4	1.687	-10.85	48.6	SO409	.07190	9.3096	0.6	V
9004	27088.18	61 19N	56 37E	79.3	193.3	1.687	-10.50	48.6	SO409	.07190	9.1364	0.4	A
9005	27095.58	60 18N	57 19E	81.7	193.1	1.810	15.05	49.6	SO409	.07190	8.8643	0.4	F
9006	27098.58	60 17N	57 19E	80.8	193.0	1.810	15.40	49.7	SO409	.07190	9.0705	0.4	V
9007	27104.98	59 42N	56 44E	79.6	192.9	1.810	9.80	50.2	SO409	.07190	9.0069	0.8	F
9008	27110.58	59 42N	56 45E	79.6	192.7	1.810	10.50	50.2	SO409	.07190	9.0469	0.8	A
9009	27128.38	58 4N	56 18E	82.4	192.5	2.033	17.85	51.7	SO409	.07190	8.7983	1.6	F
9010	27134.38	58 4N	56 19E	82.6	192.1	1.810	18.90	51.7	SO409	.07190	8.7736	1.6	A
9011	27141.58	57 15N	55 25E	78.1	192.0	2.033	7.00	52.4	SO409	.07190	9.2601	0.4	F
9012	27147.18	57 15N	55 24E	78.0	191.8	2.033	7.35	52.4	SO409	.07190	9.2766	0.8	A
9013	27156.98	56 17N	54 17E	77.5	191.6	1.810	-9.80	53.1	SO409	.07190	9.3096	0.4	F
9014	27162.58	56 17N	54 16E	77.3	191.5	2.033	-9.45	53.1	SO409	.07190	9.3756	0.4	A
9015	27211.58	52 35N	52 51E	76.3	190.6	2.170	-9.80	56.3	SO409	.07190	9.4663	0.8	F
9016	27216.98	52 34N	52 51E	76.0	190.5	2.170	-9.10	56.3	SO409	.07190	9.5322	1.0	A
9017	27225.18	51 40N	52 19E	77.4	190.4	2.033	-15.40	57.1	SO409	.07190	9.3261	0.8	F
9018	27230.78	51 40N	52 19E	77.1	190.3	2.170	-15.05	57.1	SO409	.07190	9.4085	0.8	A
9019	27395.18	40 16N	48 10E	91.5	184.4	2.033	-39.55	65.5	SO409	.03090	8.0067	0.8	V
9020	27398.38	40 15N	48 11E	92.1	184.4	2.033	-39.20	65.5	SO409	.03090	7.8995	1.0	A
9021	27416.98	38 48N	48 16E	79.0	184.2	2.385	-28.70	66.7	SO409	.05410	9.2949	0.6	V
9022	27431.38	37 22N	49 37E	85.1	184.1	2.733	28.35	68.5	SO409	.05410	8.5510	1.4	F
9023	27435.38	37 16N	49 37E	84.8	184.1	2.511	29.40	68.6	SO409	.05410	8.6664	0.8	V
9024	27438.58	37 16N	49 37E	86.1	184.1	2.514	29.75	68.6	SO409	.05410	8.4325	0.8	A
9025	27568.58	29 2N	46 54E	73.3	187.3	3.090	7.35	72.4	SO409	.07190	9.9063	1.2	F
9026	27575.38	27 50N	47 10E	79.7	187.3	2.872	22.05	72.9	SO409	.05410	9.1447	1.4	F
9027	27583.58	27 21N	46 51E	74.7	187.2	3.090	11.90	72.7	SO409	.07190	9.6807	1.2	A
9028	27611.58	25 1N	46 35E	78.0	187.1	3.090	19.25	73.2	SO409	.05410	9.3261	1.0	F
9029	27617.78	24 59N	46 24E	75.3	187.1	3.090	13.65	73.1	SO409	.07190	9.5082	1.0	A
9030	27750.18	15 31N	44 13E	72.7	186.7	3.439	-4.90	71.0	SO409	.04090	9.9775	1.0	F
9031	27755.38	15 34N	44 13E	72.7	186.7	3.439	-3.85	71.0	SO409	.04090	9.9528	1.0	A
9032	27757.18	15 24N	44 12E	72.7	186.7	3.439	-3.85	70.9	SO409	.04090	9.9610	0.4	A
9033	27761.78	15 4N	44 15E	72.9	186.6	3.439	1.40	70.9	SO409	.07190	9.9280	0.6	A
9034	27779.58	13 53N	44 30E	82.5	186.5	3.090	23.10	70.6	SO409	.05410	8.4148	0.8	F
9035	27785.58	13 43N	44 30E	83.3	186.6	2.872	24.15	70.6	SO409	.05410	8.6664	0.6	A
9036	27791.78	12 47N	44 2E	75.5	186.6	3.090	9.80	70.0	SO409	.07190	9.7054	0.4	V
9037	27804.18	12 0N	43 17E	76.2	186.6	3.439	-17.50	69.8	SO409	.07190	9.6064	0.8	V
9038	27809.78	11 57N	43 9E	77.6	186.6	3.439	-20.65	68.7	SO409	.07190	9.4415	0.4	V
9039	27812.58	11 56N	43 9E	78.3	186.6	3.439	-19.95	68.8	SO409	.05410	9.2601	0.4	A
9040	27819.58	10 46N	42 34E	89.8	186.5	2.872	-36.40	67.9	SO409	.05410	8.0315	0.4	F
9041	27822.78	10 46N	42 35E	87.9	186.5	3.090	-35.70	67.9	SO409	.05410	8.3283	0.4	V
9042	27831.38	9 54N	43 14E	74.4	186.5	3.439	-4.55	68.1	SO409	.07190	9.7501	0.8	F
9043	27836.58	9 55N	43 14E	74.5	186.5	3.439	-3.50	68.1	SO409	.07190	9.7954	1.0	A
9044	27845.78	5 56N	43 35E	97.7	186.5	2.733	35.35	66.2	SO409	.03090	7.4460	1.0	F
9045	27976.18	0 42N	40 53E	89.5	186.4	3.439	-30.80	60.8	SO409	.05410	8.0892	1.0	A
9046	28017.78	2 55S	40 13E	94.7	186.4	3.090	-34.30	58.0	SO409	.05410	7.5462	0.4	F
9047	28021.18	2 55S	40 13E	93.0	186.4	3.090	-33.60	58.1	SO409	.05410	7.8508	0.4	V
9048	28073.58	6 48S	39 17E	105.3	186.3	2.872	-40.60	54.7	SO409	.05410	6.7946	0.6	F
9049	28077.38	6 48S	39 17E	103.9	186.3	3.090	-40.60	54.7	SO409	.05410	7.0172	0.6	V
9050	28119.98	4 48S	39 46E	83.6	186.3	3.439	-35.60	52.7	SO409	.07190	8.7159	1.0	V
563 5001	32438.78	58 1N	33 2E	77.5	192.2	1.810	-7.35	51.6	SO130	.03150	9.3085	0.8	F
5002	32444.38	58 1N	33 2E	77.3	192.1	1.810	-6.65	51.6	SO130	.03150	9.3745	0.8	A
5003	32449.78	56 41N	32 20E	77.4	191.8	1.810	-9.80	52.8	SO130	.03150	9.3167	0.8	F
5004	32444.38	56 41N	32 20E	77.2	191.6	1.810	-9.10	52.8	SO130	.03150	9.3909	0.8	A
5005	32550.58	50 16N	30 20E	74.9	190.1	2.385	1.40	58.4	SO130	.02260	9.6713	2.6	F
5006	32564.18	49 52N	30 0E	74.7	189.9	2.385	-3.50	58.7	SO130	.02260	9.7125	0.4	A
5007	32574.18	48 46N	30 4E	75.7	189.8	2.511	8.05	59.7	SO130	.02260	9.6723	0.6	F
5008	32579.78	48 45N	30 3E	75.8	189.7	2.385	8.75	59.7	SO130	.02260	9.5558	0.4	A
5009	32655.98	43 14N	27 55E	73.7	188.9	2.733	-8.05	63.9	SO130	.03150	9.8114	0.8	F
5010	32661.38	43 13N	27 55E	73.5	188.8	2.733	-7.00	63.9	SO130	.03150	9.8692	0.6	A
5011	32667.38	42 27N	27 42E	73.6	188.7	2.733	-8.40	64.5	SO130	.03150	9.8279	0.4	F
5012	32672.58	42 27N	27 42E	73.5	188.7	2.733	-7.70	64.5	SO130	.03150	9.8774	0.6	A
5013	33609.18	22 27S	15 3E	94.9	186.9	3.211	-15.40	41.1	SO130	.03150	7.5523	0.4	F
5014	33612.58	22 27S	15 3E	93.7	186.9	3.211	-14.70	41.1	SO130	.03150	7.7419	0.4	V
5015	33615.97	22 26S	15 3E	95.0	187.0	3.439	-14.70	41.1	SO130	.03150	7.5606	0.4	A
9001	32438.78	58 1N	33 2E	77.5	192.2	1.810	-7.35	51.6	SO409	.07190	9.3096	1.6	F
9002	32444.38	58 1N	33 2E	77.3	192.1	1.810	-6.65	51.6	SO409	.07190	9.3756	1.6	A
9003	32446.58	57 52N	32 58E	77.2	192.0	1.810	-6.65	51.7	SO409	.07190	9.3754	0.6	A
9004	32450.98	57 43N	32 38E	76.7	191.9	1.810	-9.80	52.1	SO409	.07190	9.5405	0.4	V
9005	32453.78	57 43N	32 38E	77.5	191.9	1.810	-9.45	52.1	SO409	.07190	9.3508	0.4	A
9006	32458.78	56 41N	32 20E	77.5	191.8	1.810	-9.80	52.8	SO409	.07190	9.3178	0.8	F
9007	32464.18	56 41N	32 20E	77.2	191.6	1.810	-9.10	52.8	SO409	.07190	9.3920	1.0	A

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
563 9008	32475.38	55 06N	31 17E	82.5	191.4	1.687	-23.45	53.6	S0409	.07190	8.7406	0.4	F
9009	32484.78	54 52N	32 4E	76.3	191.2	2.170	2.10	54.5	S0409	.07190	9.4745	1.0	F
9010	32490.38	54 51N	32 3E	76.2	191.1	2.033	2.45	54.5	S0409	.07190	9.5075	0.8	A
9011	32521.78	52 20N	31 10E	75.9	190.6	2.170	4.55	56.7	S0409	.07190	9.5322	0.8	F
9012	32527.18	52 21N	31 11E	75.9	190.5	2.170	5.25	56.7	S0409	.07190	9.5405	0.4	A
9013	32534.98	51 59N	31 20E	78.4	190.4	2.170	16.45	57.4	S0409	.07190	9.3508	0.6	V
9014	32537.98	51 54N	31 20E	79.5	190.3	2.170	16.80	57.4	S0409	.07190	9.1117	0.6	A
9015	32561.38	49 52N	30 0E	73.8	190.0	2.385	-3.85	58.7	S0409	.07190	9.9280	0.4	V
9016	32564.18	49 51N	30 0E	74.6	189.9	2.385	-3.50	58.7	S0409	.07190	9.7136	0.4	A
9017	32570.18	49 1N	30 15E	76.6	189.8	2.511	10.85	59.5	S0409	.07190	9.4663	0.4	F
9018	32574.18	48 50N	30 4E	75.7	189.8	2.511	8.05	59.7	S0409	.07190	9.5735	0.6	F
9019	32579.58	48 46N	30 3E	75.7	189.7	2.385	8.75	59.7	S0409	.07190	9.5570	0.6	A
9020	32589.38	47 47N	29 13E	74.6	189.6	2.385	-8.05	60.4	S0409	.07190	9.6972	0.6	F
9021	32594.58	47 47N	29 13E	74.4	189.5	2.385	-7.35	60.4	S0409	.07190	9.7549	0.6	A
9022	32610.98	46 15N	29 13E	74.9	189.3	2.511	6.30	61.7	S0409	.07190	9.6807	1.6	F
9023	32616.38	46 15N	29 13E	74.9	189.3	2.511	7.00	61.8	S0409	.07190	9.6724	0.6	A
9024	32626.18	45 16N	27 59E	79.1	189.1	2.170	-23.10	62.2	S0409	.07190	9.1117	1.0	F
9025	32629.58	45 16N	27 58E	78.0	189.1	2.385	-23.10	62.2	S0409	.07190	9.3920	0.4	V
9026	32638.38	44 24N	28 29E	73.7	189.0	2.733	0.35	63.1	S0409	.07190	9.8373	1.0	F
9027	32643.78	44 24N	28 29E	73.6	188.9	2.733	1.05	63.1	S0409	.07190	9.8456	0.6	A
9028	32651.58	43 51N	28 7E	73.3	188.9	2.733	-3.85	63.8	S0409	.04090	9.8786	0.8	F
9029	32655.98	43 15N	27 55E	73.7	188.8	2.733	-6.05	63.9	S0409	.09670	9.8126	0.6	F
9030	32661.38	43 15N	27 55E	73.5	188.8	2.733	-7.00	63.9	S0409	.09670	9.8703	0.6	A
9031	32667.38	42 26N	27 42E	73.6	188.7	2.733	-8.40	64.5	S0409	.09670	9.8291	0.4	F
9032	32672.58	42 27N	27 42E	73.4	188.7	2.733	-7.70	64.5	S0409	.09670	9.8784	0.4	A
9033	32684.98	41 40N	27 55E	75.1	188.6	2.733	10.85	65.7	S0409	.07190	9.6642	0.6	F
9034	32690.38	41 10N	27 55E	75.2	188.5	2.733	11.55	65.7	S0409	.07190	9.6229	0.6	A
9035	32702.18	40 26N	27 59E	79.5	188.4	2.511	21.00	66.4	S0409	.04090	9.1084	0.6	A
9036	32718.78	39 7N	26 34E	74.7	188.3	2.733	-18.20	66.7	S0409	.07190	9.8208	0.4	V
9037	32728.98	39 42N	27 1E	73.1	188.2	2.872	3.85	67.4	S0409	.04090	9.9115	0.6	A
9038	32770.98	35 22N	25 11E	85.7	187.9	2.385	-34.30	68.6	S0409	.05410	8.4190	0.6	F
9039	32775.78	35 14N	25 20E	79.8	187.9	2.385	-28.70	68.8	S0409	.04090	9.1359	1.0	V
9040	32931.98	24 10N	23 19E	76.6	187.0	3.090	-22.40	72.4	S0409	.05410	9.4250	0.4	F
9041	32937.58	24 14N	23 18E	76.3	187.0	3.090	-21.70	72.4	S0409	.05410	9.5157	0.4	A
9042	33145.58	8 20N	20 39E	76.8	186.3	3.574	-13.30	67.0	S0409	.07190	9.4250	1.0	A
9043	33202.18	5 53N	20 39E	78.0	186.5	3.439	7.35	65.6	S0409	.07190	9.2436	1.0	A
9044	33309.78	1 20S	19 1E	80.3	186.4	3.574	-9.10	59.7	S0409	.07190	8.9880	0.8	A
9045	33317.38	1 34S	18 17E	93.1	186.4	3.439	-33.60	58.9	S0409	.05410	7.7976	1.0	A
9046	33495.97	14 40S	16 5E	97.8	186.6	3.211	-30.45	47.9	S0409	.04090	7.3223	0.8	F
9047	33510.18	15 10S	16 4E	95.9	186.7	3.439	-27.30	47.5	S0409	.05410	7.5120	1.4	A
9048	33535.18	17 0S	15 9E	113.4	186.7	2.672	-41.65	45.5	S0409	.04090	6.3905	0.6	V
9049	33604.97	22 26S	15 3E	94.8	186.9	3.211	-15.40	41.1	S0409	.07190	7.5532	0.4	F
9050	33612.37	22 26S	15 3E	93.7	186.9	3.211	-14.70	41.1	S0409	.07190	7.7428	0.6	V
9051	33623.18	22 51S	14 27E	104.8	187.0	3.439	-29.75	40.5	S0409	.05410	6.8440	1.2	A
564 9001	37725.17	59 41N	12 37E	80.1	192.7	1.810	12.60	50.2	S0409	.07190	9.0375	0.6	A
9002	37743.37	58 19N	11 28E	76.5	192.3	1.810	2.45	51.4	S0409	.09670	9.5735	0.8	V
9003	37750.97	57 44N	11 50E	80.4	192.1	1.810	16.80	52.8	S0409	.07190	9.1199	1.0	V
9004	37769.17	57 29N	10 33E	77.6	191.9	1.810	-9.80	52.1	S0409	.07190	9.3426	1.2	A
9005	37774.77	56 15N	10 15E	75.6	191.8	2.033	-4.20	53.2	S0409	.07190	9.6307	1.6	V
9006	38055.17	36 40N	5 5E	81.2	188.0	2.733	23.80	68.8	S0409	.05410	8.9633	1.0	F
9007	38061.97	36 15N	5 20E	90.7	188.0	2.511	34.65	69.4	S0409	.05090	8.0480	1.0	F
9008	38068.57	36 16N	5 20E	91.5	187.9	2.170	35.70	69.4	S0409	.05090	7.9078	1.0	A
9009	38075.77	35 40N	4 32E	75.6	187.9	2.733	14.70	69.3	S0409	.07190	9.5735	0.8	A
9010	38049.77	34 40N	3 22E	74.5	187.8	2.733	-20.65	69.3	S0409	.07190	9.6456	1.2	V
9011	38099.97	33 51N	2 52E	81.8	187.7	2.511	-31.15	69.5	S0409	.05410	8.8396	0.6	F
9012	38105.77	33 51N	2 53E	81.1	187.7	2.733	-30.45	69.5	S0409	.05410	8.9715	0.8	A
9013	38119.17	33 31N	2 42E	79.6	187.6	2.733	-28.00	70.2	S0409	.05410	9.0622	1.0	F
566 9001	49232.97	1 45S	46 1W	105.1	186.4	2.170	38.15	60.7	S0409	.05410	6.8111	1.0	A
9002	49361.97	11 0S	49 9W	93.0	186.5	2.733	22.75	52.0	S0409	.05410	7.8253	1.0	V
9003	49391.17	13 20S	48 5W	109.4	186.6	2.385	35.35	50.1	S0409	.05410	6.6131	0.8	F
9004	49398.57	13 30S	48 44W	90.8	186.6	2.872	17.15	49.7	S0409	.07190	8.0067	1.0	U
9005	49400.17	13 36S	48 45W	90.7	186.6	2.872	17.15	49.6	S0409	.07190	8.0232	0.6	V
9006	49411.57	14 30S	49 56W	91.5	186.6	3.439	-21.70	48.2	S0409	.05410	7.8419	1.0	F
9007	49422.37	14 40S	50 38W	109.6	186.6	3.439	-39.90	47.7	S0409	.05410	6.5802	1.0	A
9008	49463.77	17 49S	50 56W	101.1	186.7	3.211	-32.20	45.0	S0409	.05410	7.1821	1.0	V
9009	49498.97	20 30S	51 9W	97.1	186.8	3.211	-28.45	42.7	S0409	.07190	7.3655	0.8	F
9010	49503.57	20 34S	51 7W	95.3	186.9	3.439	-22.05	42.7	S0409	.07190	7.6192	1.0	V
9011	49510.77	20 43S	51 33W	105.7	186.9	3.439	-32.90	42.3	S0409	.05410	6.7946	0.8	A
9012	49515.37	21 05S	51 48W	109.0	186.9	3.211	-35.70	41.5	S0409	.05410	6.5489	1.0	F
9013	49520.37	21 50S	51 49W	107.9	186.9	3.211	-34.30	41.2	S0409	.05410	6.6049	1.0	F
9014	49525.97	22 4S	51 55W	108.9	186.9	3.090	-35.70	41.1	S0409	.05410	6.6544	1.0	V
9015	49529.97	22 19S	51 58W	108.7	186.9	3.090	-35.35	40.8	S0409	.05410	6.6626	0.8	V
9016	49536.57	22 29S	52 4W	112.2	187.0	3.211	-36.75	40.7	S0409	.05410	6.3905	0.8	A
9017	49548.37	23 05S	51 36W	96.1	187.0	3.211	-16.80	39.7	S0409	.07190	7.4460	1.0	F
9018	49556.97	23 25S	52 20W	112.4	187.0	3.211	-36.05	39.4	S0409	.05410	6.3740	0.8	A
9019	49558.37	23 30S	52 21W	112.4	187.0	3.211	-36.05	39.3	S0409	.05410	6.3740	1.2	A
9020	49572.97	23 42S	51 31W	93.2	187.1	3.211	-3.50	38.5	S0409	.07190	7.7676	0.8	V
568 9001	59601.16	14 50N	89 11W	82.8	186.6	3.211	-30.10	70.1	S0409	.05410	8.7654	1.4	A
569 5001	64603.76	35 0N	106 33W	71.1	187.9	3.090	-2.80	69.4	S0130	.02260	10.1907	0.4	F
5002	64604.96	35 0N	106 33W	71.2	187.8	3.090	-1.75	69.4	S0130	.02260	10.1990	0.6	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
569 9001	64603.76	35 0N	106 34W	71.1	187.9	3.090	-2.80	69.4	S0409	.07190	10.1319	0.6	F
9002	64608.96	35 7N	106 33W	71.1	187.8	3.090	-1.75	69.4	S0409	.07190	10.2002	0.6	A
9003	64676.96	29 59N	106 57W	81.1	187.4	2.872	25.55	72.3	S0409	.05410	8.9980	1.2	F
9004	64683.56	29 57N	107 15W	75.2	187.4	2.872	16.10	72.1	S0409	.07190	9.6312	0.8	A
9005	64693.36	29 50N	107 45W	71.0	187.3	3.211	1.40	72.0	S0409	.07190	10.2156	0.8	A
9006	64718.96	27 50N	109 7W	85.7	187.2	2.511	-35.00	71.7	S0409	.05410	8.3943	1.0	F
9007	64726.96	27 0N	108 56W	79.4	187.2	3.090	-28.00	71.9	S0409	.05410	9.1612	0.8	A
9008	64735.16	26 57N	108 40W	78.1	187.2	3.211	-12.95	72.4	S0409	.07190	9.9280	0.8	A
9009	64740.76	25 43N	109 5W	77.5	187.1	2.872	-24.15	72.2	S0409	.05410	9.3096	1.0	F
9010	64770.56	23 54N	109 49W	86.3	187.0	2.733	-36.40	72.0	S0409	.05410	8.4952	0.8	V
9011	64780.76	23 26N	109 48W	82.4	187.0	2.872	-31.15	72.1	S0409	.05410	8.7406	1.0	F
9012	64786.96	23 26N	109 56W	85.2	187.0	2.872	-34.30	72.0	S0409	.05410	8.5345	1.0	A
570 9001	70730.55	21 43S	138 53W	93.3	186.9	3.090	7.00	41.9	S0409	.07190	7.7016	1.4	F
9002	70733.95	21 43S	138 53W	92.5	186.9	3.090	7.35	42.0	S0409	.07190	7.8336	1.0	V
9003	70739.75	22 10S	138 44W	95.3	186.9	2.872	14.70	41.7	S0409	.05410	7.5697	1.2	V
9004	70743.35	22 10S	138 44W	97.5	186.9	2.872	15.40	41.7	S0409	.05410	7.3058	1.2	A
571 9001	75686.75	2 6N	157 27W	82.3	186.4	3.439	-21.70	62.2	S0409	.05410	8.7654	1.0	F
9002	75692.75	2 5N	157 26W	81.7	186.4	3.574	-19.95	62.2	S0409	.05410	8.8561	0.8	A
573 9001	85380.75	64 40N	177 45E	88.6	195.4	1.687	26.25	45.7	S0409	.05410	8.1716	0.6	F
9002	85383.95	64 40N	177 45E	87.5	195.3	1.475	26.60	45.7	S0409	.05410	8.3449	0.5	V
9003	85387.15	64 40N	177 45E	88.8	195.1	1.475	26.95	45.7	S0409	.05410	8.1304	0.6	A
574 9001	4366.34	59 57N	150 55E	76.2	192.9	1.687	-4.90	50.0	S0409	.05410	9.4328	1.0	F
9002	4371.34	59 56N	150 50E	76.1	192.8	1.687	-3.15	50.3	S0409	.05410	9.4910	0.8	F
9003	4375.94	59 56N	151 2E	76.1	192.7	1.687	1.75	50.3	S0409	.05410	9.5240	0.4	A
9004	4592.74	48 54N	146 36E	90.8	189.0	2.170	35.00	63.6	S0409	.04090	8.0978	0.4	V
9005	4595.94	48 54N	146 36E	92.3	189.0	2.170	35.35	63.6	S0409	.04090	7.8418	0.4	A
9006	4880.74	24 49N	141 20E	79.2	187.1	2.872	21.35	73.3	S0409	.05410	9.2684	1.0	V
9007	5420.94	12 10S	133 20E	99.6	186.6	3.211	-30.45	50.0	S0409	.05410	7.2893	0.8	V
9008	5424.54	12 10S	133 20E	100.5	186.6	3.439	-30.10	50.0	S0409	.05410	7.1656	0.8	A
575 9001	9861.14	47 42N	123 59E	73.2	189.5	2.511	-2.80	60.9	S0409	.07190	9.8868	0.6	F
9002	9866.34	47 42N	123 59E	73.1	189.4	2.511	-2.10	60.9	S0409	.07190	9.9198	0.6	A
9003	9885.34	45 48N	122 40E	81.4	189.2	2.033	-28.00	61.9	S0409	.05410	8.8643	0.6	F
9004	9889.34	45 48N	122 40E	80.2	189.2	2.033	-27.65	61.9	S0409	.07190	9.1447	0.6	V
9005	9938.74	41 54N	123 27E	85.5	188.7	2.511	29.05	65.5	S0409	.04090	8.5180	0.8	F
9006	9944.74	41 54N	123 26E	85.7	188.6	2.385	29.40	65.5	S0409	.04090	8.4356	1.0	A
9007	10054.14	34 19N	120 16E	73.3	187.8	2.872	-15.75	69.6	S0409	.07190	10.0023	0.6	V
9008	10091.54	31 50N	120 15E	73.7	187.5	3.090	7.70	71.4	S0409	.07190	9.8456	0.4	F
9009	10096.74	31 50N	120 15E	73.9	187.5	3.090	8.40	71.4	S0409	.07190	9.7961	0.4	A
9010	10107.54	30 42N	120 15E	77.0	187.5	3.090	16.45	72.0	S0409	.05410	9.4415	0.8	F
9011	10112.94	30 42N	120 15E	77.6	187.4	2.872	17.85	72.0	S0409	.05410	9.3261	1.0	A
9012	10175.14	24 0N	119 13E	76.1	187.1	3.090	13.30	73.0	S0409	.05410	9.4992	0.6	A
9013	10196.14	24 0N	117 40E	87.3	187.1	2.733	-36.40	72.0	S0409	.04090	8.3943	0.6	V
9014	10199.34	24 0N	117 40E	88.0	187.0	2.733	-36.05	72.0	S0409	.04090	8.2623	0.6	A
9015	10655.54	7 10S	112 45E	85.4	186.5	3.439	-9.45	54.8	S0409	.07190	8.5262	0.8	V
9016	10658.74	7 11S	112 45E	86.4	186.5	3.439	-8.75	54.8	S0409	.07190	8.3201	0.6	A
9017	10662.94	7 24S	112 43E	86.0	186.5	3.439	-8.05	54.2	S0409	.05410	8.3778	0.6	F
9018	10669.14	7 24S	112 43E	86.2	186.5	3.439	-4.90	54.2	S0409	.05410	8.3283	0.6	A
576 9001	15080.94	53 47N	104 7E	73.9	190.3	2.170	-0.70	55.5	S0130	.03150	9.8114	0.4	A
9002	15090.14	52 50N	103 29E	74.5	190.7	2.170	-8.75	56.3	S0130	.03150	9.6878	0.6	F
9003	15095.54	52 50N	103 29E	74.4	190.6	2.170	-8.05	56.3	S0130	.03150	9.7537	0.6	A
9004	15255.94	41 26N	100 14E	71.9	188.5	2.733	-2.10	65.4	S0130	.02260	10.0754	0.4	F
9005	15261.14	41 26N	100 14E	71.9	188.5	2.733	-1.40	65.4	S0130	.02260	10.0835	0.4	A
9006	15267.74	40 40N	100 3E	71.9	188.5	2.733	-1.40	66.0	S0130	.02260	10.0670	0.4	F
9007	15272.94	40 39N	100 3E	72.0	188.4	2.733	-0.35	66.0	S0130	.02260	10.0793	0.4	A
9008	15591.94	18 32N	94 59E	75.6	186.8	3.211	-16.80	71.7	S0130	.02260	9.6795	0.6	V
9001	14898.74	65 50N	111 34E	81.3	195.5	1.475	15.75	44.5	S0409	.07190	8.8974	0.6	A
9002	15078.14	53 49N	104 7E	73.1	190.9	2.170	-1.05	55.5	S0409	.07190	10.0270	0.4	V
9003	15080.94	53 47N	104 7E	73.9	190.8	2.170	-0.70	55.5	S0409	.07190	9.8126	0.4	A
9004	15090.14	52 50N	103 29E	74.6	190.7	2.170	-8.75	56.3	S0409	.07190	9.6489	0.6	F
9005	15095.54	52 49N	103 29E	74.4	190.6	2.170	-8.05	56.3	S0409	.07190	9.7549	0.6	A
9006	15103.34	52 12N	104 6E	77.3	190.4	2.170	15.05	57.0	S0409	.07190	9.3673	0.6	A
9007	15107.74	51 49N	104 7E	80.7	190.4	2.385	21.70	57.7	S0409	.07190	8.9980	1.4	F
9008	15112.94	51 31N	104 17E	83.7	190.3	2.170	25.90	57.7	S0409	.05410	8.6499	1.8	A
9009	15242.74	42 29N	101 9E	77.3	188.4	2.511	19.95	65.0	S0409	.05410	9.4992	0.4	V
9010	15247.14	41 59N	101 3E	78.8	188.7	2.511	21.00	65.3	S0409	.07190	9.2354	1.0	F
9011	15255.94	41 26N	100 14E	71.9	188.6	2.733	-2.10	65.4	S0409	.07190	10.0765	0.4	F
9012	15261.14	41 26N	100 14E	71.9	188.5	2.733	-1.40	65.4	S0409	.07190	10.0847	0.4	A
9013	15267.54	40 40N	100 3E	72.0	188.5	2.733	-1.40	66.0	S0409	.07190	10.0682	0.4	F
9014	15272.74	40 40N	100 3E	72.0	188.4	2.733	-0.35	66.0	S0409	.07190	10.0765	0.4	A
9015	15285.14	39 47N	99 29E	92.6	188.3	2.033	-41.65	65.9	S0409	.04090	7.9078	0.4	V
9016	15288.54	39 46N	98 31E	91.8	188.3	2.033	-40.25	66.0	S0409	.04090	7.9243	0.8	A
9017	15538.34	21 50N	96 4E	73.9	186.9	3.211	1.75	72.8	S0409	.07190	9.8126	0.6	F
9018	15543.74	21 29N	96 4E	74.1	186.9	3.211	2.80	72.8	S0409	.07190	9.7631	0.6	A
9019	15551.94	21 30N	95 24E	77.9	186.9	3.211	-21.70	72.3	S0409	.05410	9.3178	1.2	A
9020	15561.14	20 49N	94 53E	86.3	186.9	2.872	-33.60	71.8	S0409	.05410	8.3613	1.0	F

Handle via
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BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
576 9021	15575.34	19 46N	96 13E	84.4	186.8	2.733	25.55	73.0	S0409	.05410	8.5262	1.0	A
577 5001	20363.74	55 0N	83 0E	76.7	191.3	2.170	11.20	54.5	S0130	.03150	9.4404	0.6	F
5002	20369.34	55 0N	82 59E	76.7	191.2	2.033	11.55	54.5	S0130	.03150	9.4322	0.6	A
5003	20469.54	47 50N	80 27E	75.8	189.6	2.511	13.30	60.7	S0130	.02260	9.5641	0.6	F
5004	20475.14	47 52N	80 26E	76.0	189.5	2.385	14.00	60.7	S0130	.02260	9.5229	0.6	A
5005	20511.54	45 0N	78 29E	77.1	189.1	2.335	-22.05	62.5	S0130	.01710	9.3580	0.4	F
5006	20516.94	45 0N	78 29E	76.9	189.1	2.385	-21.35	62.5	S0130	.01710	9.4569	0.6	A
5007	20547.94	42 36N	78 17E	71.8	188.7	2.733	-7.00	64.5	S0130	.03150	10.0753	0.6	F
5008	20552.94	42 36N	78 17E	71.7	188.7	2.733	-5.95	64.6	S0130	.03150	10.1165	0.6	A
5009	20709.14	31 24N	76 22E	79.4	187.5	2.872	21.35	71.7	S0130	.01710	9.1601	1.0	F
5010	20714.94	31 24N	76 22E	79.9	187.5	2.733	22.05	71.7	S0130	.01710	9.0529	1.0	A
9001	20363.74	55 0N	83 0E	76.8	191.3	2.170	11.20	54.5	S0409	.07190	9.4415	0.6	F
9002	20369.34	55 0N	82 59E	76.7	191.2	2.033	11.55	54.5	S0409	.07190	9.4333	0.4	A
9003	20373.94	54 48N	82 33E	74.9	191.1	2.033	3.50	54.7	S0409	.05410	9.6724	0.4	A
9004	20469.54	47 50N	80 26E	75.8	189.6	2.511	13.30	60.7	S0409	.05410	9.5652	0.6	F
9005	20474.94	47 50N	80 26E	76.0	189.5	2.385	14.00	60.7	S0409	.05410	9.5240	0.6	A
9006	20484.34	47 0N	79 43E	72.9	189.4	2.511	-1.05	61.1	S0409	.05410	10.1857	1.2	V
9007	20499.14	46 57N	79 40E	72.9	189.4	2.511	-0.70	61.3	S0409	.07190	9.9363	0.6	A
9008	20511.34	45 0N	78 29E	77.2	189.1	2.385	-22.05	62.5	S0409	.05410	9.3591	0.6	F
9009	20516.94	45 0N	78 29E	76.8	189.1	2.385	-21.35	62.5	S0409	.05410	9.4580	0.4	A
9010	20525.34	44 24N	77 57E	81.8	189.0	2.170	-30.80	62.9	S0409	.05410	8.9468	0.4	V
9011	20529.34	44 24N	77 57E	82.5	188.9	2.385	-30.80	62.9	S0409	.05410	8.8066	0.4	A
9012	20547.74	42 36N	78 17E	71.8	188.7	2.733	-7.00	64.5	S0409	.09670	10.0765	0.6	F
9013	20552.94	42 36N	78 17E	71.7	188.7	2.733	-5.95	64.6	S0409	.09670	10.1177	0.6	A
9014	20664.74	34 54N	76 10E	73.5	187.8	2.872	-12.95	69.6	S0409	.05410	9.8673	1.0	F
9015	20670.14	34 54N	76 10E	73.3	187.8	2.872	-11.90	69.6	S0409	.05410	9.9033	0.8	A
9016	20683.14	32 52N	75 9E	85.6	187.7	2.385	-34.65	69.9	S0409	.04090	8.4190	1.0	F
9017	20695.34	32 52N	75 9E	84.9	187.6	2.733	-34.30	69.9	S0409	.04090	8.5592	1.0	A
9018	20709.14	31 24N	76 22E	79.4	187.5	2.872	21.35	71.7	S0409	.05410	9.1612	1.0	F
9019	20714.74	31 24N	76 22E	79.8	187.5	2.733	22.05	71.7	S0409	.04090	9.0540	1.0	A
9020	20723.74	30 42N	76 22E	85.1	187.5	2.733	28.70	72.3	S0409	.04090	8.5510	1.2	F
9021	20729.94	30 42N	76 22E	85.9	187.4	2.511	29.75	72.3	S0409	.04090	8.4108	1.0	A
9022	20746.74	29 18N	75 46E	77.4	187.3	2.872	17.50	72.4	S0409	.05410	9.3343	1.0	A
9023	20808.93	24 30N	73 54E	77.0	187.1	3.090	-21.70	72.4	S0409	.05410	9.3756	0.8	F
9024	20815.74	24 30N	73 41E	80.9	187.0	3.090	-28.35	72.2	S0409	.05410	8.9797	1.0	A
9025	20843.14	22 17N	73 13E	82.8	186.9	2.872	-29.75	72.1	S0409	.05410	8.6994	0.8	F
9026	20848.93	22 16N	73 13E	82.5	186.9	3.090	-29.40	72.1	S0409	.05410	8.8066	1.0	A
9027	20896.74	18 30N	72 52E	78.0	186.8	3.211	-20.65	71.8	S0409	.07190	9.2436	0.6	F
9028	20896.33	18 30N	72 51E	77.8	186.8	3.211	-19.95	71.8	S0409	.07190	9.3096	0.6	A
57A 5001	25626.73	58 10N	60 42E	82.4	192.3	1.475	-25.20	51.4	S0130	.02260	8.7396	0.6	F
5002	25629.73	58 10N	60 42E	81.3	192.2	1.687	-25.20	51.4	S0130	.02260	9.0044	0.6	V
5003	25633.13	58 14N	60 38E	83.4	192.1	1.687	-26.95	51.4	S0130	.02260	8.7149	1.0	A
5004	25649.13	56 50N	60 38E	75.7	191.7	1.810	-13.65	52.7	S0130	.02260	9.6795	0.6	V
5005	25667.33	55 40N	60 13E	75.2	191.4	2.033	-9.80	54.0	S0130	.03150	9.5371	0.8	F
5006	25672.73	55 40N	60 13E	75.1	191.3	2.033	-9.10	54.0	S0130	.03150	9.6630	0.8	A
5007	25766.13	48 42N	57 58E	73.3	189.8	2.385	-5.60	59.8	S0130	.02260	9.8609	0.8	F
5008	25771.33	48 42N	57 58E	73.3	189.7	2.385	-4.90	59.8	S0130	.02260	9.9021	0.8	A
9001	25580.33	61 16N	63 9E	76.4	193.5	1.687	-5.25	48.8	S0409	.05410	9.4498	0.8	F
9002	25585.73	61 16N	63 10E	76.2	193.3	1.687	-4.55	48.8	S0409	.05410	9.5075	0.8	A
9003	25626.73	58 10N	60 42E	82.5	192.3	1.475	-25.20	51.4	S0409	.07190	8.7406	0.6	F
9004	25633.13	58 14N	60 38E	83.3	192.1	1.687	-26.95	51.4	S0409	.07190	8.7159	1.4	A
9005	25641.73	57 12N	60 41E	77.5	191.9	1.810	-16.10	52.4	S0409	.05410	9.3096	0.4	F
9006	25646.13	56 50N	60 39E	76.6	191.8	1.810	-13.65	52.7	S0409	.07190	9.4250	0.4	F
9007	25648.93	56 50N	60 38E	75.6	191.7	1.810	-13.65	52.7	S0409	.07190	9.6307	1.0	V
9008	25655.33	56 14N	60 38E	75.1	191.6	2.033	-7.35	53.4	S0409	.07190	9.6229	0.8	F
9009	25660.73	56 14N	60 39E	74.9	191.5	2.033	-6.65	53.4	S0409	.07190	9.6807	0.8	A
9010	25667.13	55 27N	60 13E	75.3	191.4	2.033	-9.80	54.0	S0409	.07190	9.5982	1.0	F
9011	25672.53	55 27N	60 13E	75.0	191.3	2.033	-9.10	54.0	S0409	.07190	9.6642	1.0	A
9012	25677.93	55 4N	60 9E	74.6	191.2	2.033	-7.00	54.4	S0409	.05410	9.7219	0.4	A
9013	25698.73	53 10N	60 25E	79.5	190.8	2.170	18.90	56.2	S0409	.07190	9.1364	0.4	F
9014	25701.53	53 10N	60 26E	78.7	190.7	2.170	19.25	56.2	S0409	.07190	9.3261	0.4	V
9015	25704.13	52 50N	60 22E	78.8	190.7	2.170	19.60	56.4	S0409	.07190	9.3096	0.4	U
9016	25706.93	52 50N	60 22E	79.9	190.6	2.170	19.95	56.4	S0409	.07190	9.0705	0.4	A
9017	25710.93	52 40N	60 6E	77.7	190.6	2.170	15.75	56.6	S0409	.07190	9.3261	0.4	A
9018	25712.73	52 37N	60 3E	77.6	190.5	2.170	15.75	56.7	S0409	.07190	9.3343	0.8	A
9019	25725.13	51 42N	59 54E	81.6	190.3	2.385	22.75	57.9	S0409	.07190	8.8973	0.6	F
9020	25728.13	51 42N	59 54E	80.9	190.3	2.170	23.45	57.9	S0409	.07190	9.0705	0.6	V
9021	25731.13	51 42N	59 54E	82.0	190.3	2.170	23.80	57.9	S0409	.07190	8.8231	0.4	A
9022	25734.93	51 0N	59 45E	81.0	190.2	2.170	22.40	58.1	S0409	.07190	8.9385	0.4	A
9023	25738.53	50 54N	59 36E	80.1	190.1	2.170	21.00	58.3	S0409	.07190	9.0375	0.4	A
9024	25754.93	49 57N	57 21E	85.1	189.9	2.033	-32.20	58.5	S0409	.05410	8.5262	1.0	A
9025	25765.93	48 42N	57 58E	73.4	189.8	2.385	-5.60	59.8	S0409	.07190	9.8621	0.8	F
9026	25771.33	48 42N	57 58E	73.2	189.7	2.385	-4.90	59.8	S0409	.07190	9.9033	0.8	A
9027	25777.73	48 10N	58 17E	74.8	189.6	2.385	9.80	60.4	S0409	.07190	9.6807	0.6	B
9028	25789.13	47 9N	57 5E	76.0	189.5	2.385	-18.20	60.9	S0409	.07190	9.5075	0.8	F
9029	25794.53	47 9N	57 5E	75.6	189.4	2.385	-17.50	60.9	S0409	.07190	9.5982	1.0	A
9030	25904.93	39 1N	56 22E	86.2	188.3	2.511	30.10	67.6	S0409	.04090	8.4520	1.0	F
9031	25911.13	39 1N	56 22E	86.8	188.2	2.385	30.80	67.6	S0409	.03090	8.3201	1.0	A
9032	25925.73	37 47N	54 41E	74.7	188.1	2.733	-16.80	67.7	S0409	.04090	9.6889	0.6	F
9033	25938.13	36 50N	54 4E	81.9	188.0	2.511	-30.10	68.0	S0409	.05410	8.8066	0.6	F
9034	25941.53	36 50N	54 3E	80.9	188.0	2.511	-30.10	68.0	S0409	.05410	9.0540	0.6	V
9035	25996.33	33 7N	53 25E	76.4	187.7	2.733	-24.15	70.1	S0409	.04090	9.6064	0.8	V

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
578 9036	26005.93	32 40N	52 41E	94.2	187.6	2.385	-42.70	69.8	S0409	.0309U	7.7264	0.6	A
9037	26043.53	29 41N	52 33E	81.1	187.4	2.733	-30.10	71.3	S0409	.0541U	8.9055	1.2	F
9038	26049.33	29 41N	52 33E	80.5	187.4	2.872	-29.40	71.3	S0409	.0541U	9.0210	1.2	A
9039	26100.53	25 42N	52 25E	73.1	187.1	3.211	-4.20	72.7	S0409	.0719U	9.9115	0.6	F
9040	26105.93	25 41N	52 25E	73.1	187.1	3.211	-3.50	72.7	S0409	.0719U	9.9063	0.6	A
9041	26315.53	11 19N	49 9E	84.8	186.5	3.439	-28.00	68.3	S0409	.0541U	8.5510	1.0	A
9042	26339.93	9 35N	49 8E	79.5	186.5	3.439	-17.15	67.5	S0409	.0541U	9.1034	1.0	A
579 9001	30861.73	63 2N	41 36E	78.5	194.3	1.475	-14.00	47.2	S0130	.0315U	9.1931	1.2	F
9002	30868.33	62 58N	40 35E	86.2	194.1	1.332	-29.75	47.2	S0130	.0315U	8.4840	0.4	V
9003	30871.33	62 58N	40 36E	86.9	194.0	1.332	-29.40	47.2	S0130	.0226U	8.3521	0.6	A
9004	30935.53	58 3N	38 50E	78.8	192.2	1.687	-18.90	51.6	S0130	.0315U	9.1683	0.6	F
9005	30941.13	58 3N	38 50E	78.5	192.1	1.810	-18.55	51.6	S0130	.0315U	9.2425	0.6	A
9006	30959.13	56 29N	38 5E	79.0	191.7	1.687	-20.30	53.0	S0130	.0226U	9.1354	0.6	F
9007	30964.93	56 29N	38 5E	78.5	191.6	1.810	-19.60	53.1	S0130	.0315U	9.2343	0.6	A
9008	30969.33	56 9N	38 13E	76.3	191.5	2.033	-13.65	53.4	S0130	.0315U	9.5229	0.6	A
9009	30972.93	55 54N	38 4E	76.5	191.4	2.033	-14.70	53.6	S0130	.0315U	9.4981	0.6	A
9010	30978.53	55 42N	37 13E	83.2	191.3	1.810	-28.00	54.1	S0130	.0226U	8.6489	0.8	F
9011	30992.13	54 11N	37 52E	74.2	191.0	2.170	-3.15	55.2	S0130	.0315U	9.7372	0.5	F
9012	31045.73	50 36N	35 45E	80.4	190.1	2.033	-25.55	58.1	S0130	.0226U	8.9869	0.8	F
9013	31051.53	50 36N	35 45E	79.8	190.1	2.170	-24.85	58.1	S0130	.0226U	9.1024	0.8	A
9014	31063.33	49 16N	36 39E	76.0	189.9	2.511	12.60	59.5	S0130	.0226U	9.5641	2.8	F
9015	31074.13	48 36N	35 50E	73.3	189.7	2.385	-5.60	59.9	S0130	.0226U	9.8609	0.8	F
9016	31085.53	47 52N	35 13E	75.7	189.6	2.170	-17.15	60.4	S0130	.0226U	9.5229	0.6	F
9017	31091.13	47 31N	35 12E	75.5	189.5	2.385	-16.80	60.4	S0130	.0226U	9.6136	0.6	A
9018	31101.93	47 15N	34 18E	87.4	189.4	2.033	-35.00	60.7	S0130	.0226U	8.3273	2.6	A
9019	31123.53	45 3N	35 58E	86.7	189.1	2.385	30.10	63.2	S0130	.0226U	8.3933	0.8	F
9020	31129.93	45 3N	35 57E	87.2	189.1	2.170	30.80	63.2	S0130	.0226U	8.2944	0.6	A
9021	31343.33	30 16N	31 25E	72.1	187.4	3.090	3.15	71.8	S0130	.0226U	10.1742	0.4	V
9022	31355.73	29 15N	31 9E	72.6	187.4	3.090	-4.20	72.0	S0130	.0171U	9.9763	0.8	F
9023	32195.73	27 42S	21 25E	108.0	187.2	2.511	20.30	36.5	S0130	.0226U	6.6866	0.8	V
9001	30861.53	63 3N	41 36E	78.6	194.3	1.475	-14.00	47.2	S0409	.0719U	9.1941	1.4	F
9002	30868.33	62 52N	40 35E	86.2	194.1	1.332	-29.75	47.2	S0409	.0719U	8.4850	0.4	V
9003	30871.33	62 52N	40 36E	86.9	194.0	1.332	-29.40	47.2	S0409	.0719U	8.3531	0.6	A
9004	30959.13	56 29N	38 5E	79.0	191.7	1.687	-20.30	53.1	S0409	.0719U	9.1364	0.6	F
9005	30964.73	56 29N	38 6E	78.5	191.6	1.810	-19.60	53.1	S0409	.0719U	9.2354	0.6	A
9006	30969.33	56 8N	38 13E	76.3	191.5	2.033	-13.65	53.4	S0409	.0719U	9.5240	0.6	A
9007	30972.73	55 52N	38 5E	76.4	191.4	2.033	-14.70	53.6	S0409	.0719U	9.4992	0.6	A
9008	30978.53	55 14N	37 13E	83.2	191.3	1.810	-28.00	54.1	S0409	.0719U	8.6499	0.6	F
9009	30984.53	55 11N	37 13E	82.8	191.2	1.810	-27.65	54.1	S0409	.0719U	8.7571	0.6	A
9010	30991.93	54 11N	37 52E	74.3	191.0	2.170	-3.15	55.2	S0409	.0719U	9.7384	0.8	F
9011	30997.33	54 11N	37 52E	74.1	190.9	2.170	-2.45	55.2	S0409	.0719U	9.7796	0.6	A
9012	31025.13	51 54N	37 17E	74.3	190.5	2.385	4.20	57.2	S0409	.0719U	9.7549	0.4	F
9013	31027.93	51 54N	37 17E	73.4	190.4	2.385	4.55	57.2	S0409	.0719U	9.9858	0.4	V
9014	31045.73	50 36N	35 45E	80.4	190.1	2.033	-25.55	58.1	S0409	.0719U	8.9880	0.8	F
9015	31051.33	50 36N	35 45E	79.8	190.1	2.170	-24.85	58.1	S0409	.0719U	9.1064	1.0	A
9016	31074.13	49 36N	35 50E	73.4	189.7	2.385	-5.60	59.9	S0409	.0719U	9.8621	0.8	F
9017	31079.33	49 36N	35 50E	73.2	189.7	2.385	-4.90	59.9	S0409	.0719U	9.9033	0.6	A
9018	31085.53	47 51N	35 12E	75.8	189.6	2.170	-17.15	60.4	S0409	.0719U	9.5240	0.6	F
9019	31090.93	47 31N	35 12E	75.5	189.5	2.385	-16.80	60.4	S0409	.0719U	9.6147	0.6	A
9020	31111.73	46 14N	34 47E	74.1	189.3	2.385	-15.75	61.7	S0409	.0719U	9.8868	0.8	V
9021	31200.93	39 57N	32 52E	78.1	188.4	2.385	-24.15	66.2	S0409	.0719U	9.2519	0.6	F
9022	31206.53	39 57N	32 52E	77.5	188.3	2.511	-23.45	66.2	S0409	.0719U	9.3591	0.6	A
9023	31247.33	35 11N	33 23E	88.2	187.9	2.511	32.20	70.1	S0409	.0541U	8.2623	0.4	F
9024	31270.33	35 11N	33 23E	87.6	187.9	2.511	32.55	70.1	S0409	.0541U	8.3860	0.4	V
9025	31277.33	34 44N	33 1E	81.1	187.8	2.511	25.55	70.2	S0409	.0541U	9.0622	0.6	V
9026	31280.33	34 44N	33 1E	82.3	187.8	2.511	25.90	70.2	S0409	.0541U	8.7818	0.6	A
9027	31328.93	31 6N	31 24E	72.5	187.5	3.090	-4.90	71.3	S0409	.0719U	9.9340	1.0	F
9028	31335.73	30 50N	31 30E	73.0	187.5	3.090	3.50	71.7	S0409	.0719U	9.9445	0.4	F
9029	31339.13	30 42N	31 28E	73.0	187.5	3.090	3.85	71.8	S0409	.0409U	9.9363	0.8	F
9030	31343.13	30 17N	31 25E	72.1	187.4	3.090	3.15	71.8	S0409	.0719U	10.1754	0.6	V
9031	31348.33	30 7N	31 15E	72.6	187.4	3.090	-1.75	71.7	S0409	.0719U	9.9858	1.6	A
9032	31355.53	29 16N	31 2E	72.6	187.4	3.090	-4.20	72.0	S0409	.0409U	9.9775	1.0	F
9033	31360.73	29 16N	31 2E	72.6	187.3	3.090	-3.15	72.0	S0409	.0409U	9.9775	1.0	A
9034	31941.33	10 37S	23 11E	95.8	186.5	3.574	-26.60	51.5	S0409	.0541U	7.5037	1.0	A
9035	32145.93	27 40S	21 25E	108.0	187.2	2.511	20.30	36.5	S0409	.0541U	6.6374	0.6	V
9036	32149.73	27 42S	21 25E	109.8	187.3	2.511	20.65	36.5	S0409	.0541U	6.4565	0.8	A
9037	32241.33	34 2S	18 47E	107.9	187.7	3.090	-15.75	30.0	S0409	.0719U	6.6709	0.8	V
9038	32285.33	34 2S	18 48E	109.2	187.8	3.090	-15.05	30.0	S0409	.0719U	6.5059	0.8	A
580 5001	36341.13	51 33N	13 35E	85.8	190.3	1.687	-33.25	57.2	S0130	.0226U	8.5335	0.8	V
5002	36344.33	51 33N	13 35E	86.5	190.2	2.033	-33.25	57.2	S0130	.0226U	8.4015	0.6	A
5003	36355.33	50 31N	13 51E	75.8	190.1	2.170	-19.25	58.2	S0130	.0226U	9.6650	0.6	V
9001	36217.13	59 47N	18 44E	75.8	192.8	1.810	8.05	50.3	S0409	.0967U	9.6642	0.6	V
9002	36223.93	59 25N	17 60E	74.6	192.6	1.810	-3.85	50.6	S0409	.0719U	9.8126	0.4	V
9003	36229.73	59 12N	17 41E	75.9	192.5	1.810	-8.75	50.7	S0409	.0967U	9.5487	0.6	A
9004	36303.13	52 27N	15 20E	74.2	190.6	2.385	3.15	56.8	S0409	.0719U	9.7551	0.6	F
9005	36328.53	52 26N	15 20E	74.2	190.5	2.170	4.20	56.8	S0409	.0719U	9.7714	0.4	A
9006	36338.13	51 32N	13 34E	87.2	190.3	1.687	-33.60	57.2	S0409	.0541U	8.2623	0.6	F
9007	36344.33	51 33N	13 35E	86.4	190.2	2.033	-33.25	57.2	S0409	.0541U	8.4025	0.6	A
9008	36349.93	51 7N	13 47E	80.3	190.2	2.033	-25.55	57.6	S0409	.0719U	9.0457	0.4	A
9009	36358.33	50 7N	13 43E	76.9	190.0	2.170	-19.60	58.5	S0409	.0719U	9.3834	0.4	F
9010	36364.13	49 44N	13 24E	79.7	190.0	2.033	-24.85	58.8	S0409	.0541U	9.0622	0.6	F
9011	36369.73	49 43N	13 23E	79.3	189.9	2.170	-24.50	58.8	S0409	.0541U	9.1529	0.6	A

Handle via
BYEMAN Channels
BYE-8915/84

Approved for Release: 2021/01/22 C05132886

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
592 9006	13672.69	47 24N	107 28E	76.5	189.4	2.385	-23.45	60.8	S0409	.0541U	9.5075	0.6	A
9007	13685.69	46 9N	108 37E	78.6	189.3	2.385	23.45	62.3	S0409	.0719U	9.3426	1.0	V
9008	13796.09	38 50N	106 14E	74.9	188.2	2.733	15.05	67.8	S0409	.0719U	9.7054	0.6	F
9009	13800.49	38 50N	106 14E	75.2	188.2	2.733	15.75	67.8	S0409	.0719U	9.6229	0.6	A
9010	13809.09	37 55N	105 40E	71.6	186.1	2.872	2.45	68.2	S0409	.0719U	10.1507	0.4	F
9011	13816.69	37 21N	106 16E	81.1	188.1	2.385	26.60	68.7	S0409	.0541U	8.9138	0.6	A
9012	13837.49	35 42N	104 17E	81.0	187.9	2.511	-31.15	68.8	S0409	.0409U	8.9055	0.8	F
9013	13845.89	35 20N	105 0E	70.7	187.9	2.872	-2.10	69.4	S0409	.0719U	10.2579	0.4	A
9014	13895.49	31 56N	104 19E	72.4	187.5	3.090	2.80	71.3	S0409	.0719U	10.0270	0.4	F
9015	13900.69	31 39N	104 19E	72.6	187.5	3.090	3.85	71.4	S0409	.0719U	9.9775	0.4	A
9016	13908.69	30 43N	104 7E	72.6	187.5	3.090	2.80	71.7	S0409	.0719U	10.0023	1.4	F
9017	13914.09	30 42N	104 7E	72.8	187.4	3.090	3.85	71.7	S0409	.0719U	9.9445	1.0	A
9018	13916.09	30 34N	104 6E	72.8	187.4	3.090	3.85	71.8	S0409	.0719U	9.9445	0.6	A
9019	13925.29	29 55N	103 44E	72.5	187.4	3.090	-3.15	72.0	S0409	.0541U	10.0023	0.4	F
9020	13930.49	29 39N	103 44E	72.6	187.4	3.090	-2.45	72.0	S0409	.0541U	9.9858	0.4	A
9021	13962.29	27 21N	103 46E	76.9	187.2	2.872	17.50	72.9	S0409	.0541U	9.4003	0.6	A
9022	13969.69	26 52N	103 6E	72.3	187.2	3.211	-3.85	72.6	S0409	.0719U	10.0270	0.4	F
9023	13974.49	26 34N	103 4E	72.9	187.2	3.211	-4.55	72.6	S0409	.0719U	9.9445	0.4	A
9024	13984.09	25 52N	102 52E	72.5	187.1	3.211	-5.60	72.7	S0409	.0719U	10.0023	0.8	F
9025	13989.29	25 32N	102 52E	72.5	187.1	3.211	-4.55	72.7	S0409	.0719U	9.9940	0.8	A
593 9001	18886.69	53 51N	86 52E	87.5	190.8	1.810	-35.35	55.4	S0409	.0541U	8.3283	0.6	A
9002	19010.69	44 54N	86 19E	83.0	189.1	2.170	28.70	63.4	S0409	.0541U	8.8643	0.8	V
9003	19017.89	44 40N	85 31E	72.8	189.0	2.385	7.35	63.3	S0409	.0541U	9.9610	0.4	A
9004	19026.29	44 7N	85 8E	71.2	186.9	2.733	-0.35	63.7	S0409	.0541U	10.1919	0.6	A
9005	19056.09	42 11N	83 47E	78.5	188.6	2.511	-28.00	64.7	S0409	.0719U	9.2849	0.6	A
9006	19230.89	29 59N	80 36E	91.1	187.4	2.385	-40.60	71.0	S0409	.0409U	8.0480	0.6	V
9007	19270.69	28 26N	80 24E	79.9	187.2	2.872	-25.90	72.2	S0409	.0541U	9.0457	0.6	F
9008	19284.29	26 27N	80 24E	79.3	187.1	3.090	-25.20	72.2	S0409	.0541U	9.1612	0.8	A
9009	19325.69	23 11N	79 59E	76.7	187.0	3.090	-18.55	72.5	S0409	.0541U	9.4333	1.0	F
9010	19331.09	23 1.4N	79 59E	76.2	187.0	3.211	-17.15	72.5	S0409	.0541U	9.5157	1.0	A
9011	19410.29	17 24N	78 31E	86.9	186.7	2.872	-32.20	71.0	S0409	.0541U	8.2871	0.6	F
9012	19413.49	17 21N	78 30E	85.7	186.7	3.090	-32.20	71.0	S0409	.0541U	8.5427	0.6	V
9013	19473.49	12 50N	77 41E	90.0	186.6	3.090	-33.95	69.0	S0409	.0541U	7.9385	1.0	F
9014	19479.89	12 50N	77 41E	89.4	186.6	3.211	-33.25	69.0	S0409	.0541U	8.1057	1.0	A
9015	19533.09	8 46N	78 9E	83.1	186.5	3.211	14.35	67.5	S0409	.0541U	8.7406	0.6	F
9016	19536.09	8 46N	78 9E	82.5	186.5	3.211	15.05	67.5	S0409	.0541U	8.8643	0.6	V
594 9001	23892.49	73 51N	80 32E	77.0	203.0	0.986	-3.85	37.3	S0409	.0967U	9.5075	0.4	V
9002	23895.69	73 50N	80 22E	77.9	202.8	0.986	-5.60	37.3	S0409	.0541U	9.2931	0.4	A
9003	24218.29	51 55N	65 40E	73.7	190.4	2.385	8.05	57.7	S0409	.0719U	9.8456	0.6	F
9004	24223.69	51 52N	65 40E	73.8	190.3	2.170	9.10	57.7	S0409	.0719U	9.8291	0.6	A
9005	24231.29	50 50N	66 8E	82.5	190.2	2.033	26.60	58.4	S0409	.0719U	8.7654	0.4	A
9006	24300.69	45 59N	63 19E	72.5	189.3	2.511	-9.10	62.1	S0409	.0719U	9.9358	0.4	F
9007	24305.89	45 59N	63 19E	72.4	189.2	2.511	-8.40	62.1	S0409	.0719U	10.0352	0.4	A
9008	24310.49	45 40N	63 14E	72.3	189.1	2.511	-8.40	62.4	S0409	.0541U	10.0352	1.2	A
9009	24420.69	37 59N	61 54E	77.0	188.1	2.733	18.20	68.4	S0409	.0541U	9.4415	0.8	F
9010	24426.09	37 39N	61 55E	77.7	186.1	2.511	19.60	68.5	S0409	.0541U	9.3178	1.0	A
9011	24443.89	36 26N	61 29E	75.4	188.0	2.733	14.70	69.1	S0409	.0719U	9.5982	0.6	A
9012	24491.29	32 50N	59 16E	87.2	187.6	2.385	-36.75	70.0	S0409	.0309U	8.2706	0.8	F
9013	24694.29	19 17N	57 5E	78.6	186.3	3.211	-19.60	71.9	S0409	.0541U	9.2271	0.8	A
595 5001	29571.68	48 42N	42 8E	72.2	189.7	2.385	-5.25	60.0	S0130	.0226U	10.0753	3.4	A
5002	29626.88	44 57N	40 8E	81.2	189.0	2.170	-29.75	62.9	S0312	.0315U	8.8798	1.0	F
5003	29632.28	44 26N	39 54E	84.2	189.0	2.033	-34.30	63.0	S0312	.0315U	8.7066	0.8	V
5004	29635.48	44 27N	39 54E	84.9	188.9	2.033	-33.95	63.0	S0312	.0315U	8.5829	0.6	A
5005	29702.08	39 46N	39 32E	71.8	186.3	2.733	-9.45	66.7	S0312	.0226U	10.1350	1.2	A
5006	29842.68	28 22N	36 34E	79.5	187.3	2.872	-26.60	71.8	S0312	.0315U	9.0694	1.2	F
5007	29848.48	28 22N	36 33E	79.2	187.3	2.872	-25.90	71.8	S0312	.0315U	9.1683	1.2	A
5008	30247.68	1 48N	31 44E	88.8	186.4	3.439	-25.55	61.7	S0312	.0171U	8.1047	0.8	F
5009	30251.68	1 43N	31 45E	88.0	186.4	3.439	-24.50	61.7	S0312	.0315U	8.2861	0.8	V
5010	30255.08	1 44N	31 44E	89.0	186.4	3.439	-24.15	61.7	S0312	.0315U	8.1212	0.6	A
5011	30270.48	0 20N	32 35E	88.4	186.4	3.090	18.55	61.3	S0312	.0315U	8.1872	0.6	V
5012	30273.48	0 21N	32 35E	89.7	186.4	2.872	18.90	61.3	S0312	.0315U	8.0140	1.0	A
5013	30277.28	0 0N	32 29E	88.7	186.4	3.090	16.80	61.1	S0312	.0315U	8.0965	0.6	A
5014	30298.08	1 1oS	31 50E	84.4	186.4	3.439	0.70	59.7	S0312	.0226U	8.5252	0.6	A
5015	30313.88	2 0oS	30 43E	97.2	186.4	3.211	-33.60	58.1	S0312	.0315U	7.5028	0.8	V
5016	30389.68	7 5oS	31 37E	105.5	186.5	2.385	31.85	54.6	S0312	.0226U	6.8845	1.0	V
5017	30399.48	8 4oS	31 21E	103.1	186.5	2.733	28.00	53.8	S0312	.0226U	7.0081	0.8	F
5018	30408.68	8 5oS	31 20E	104.6	186.5	2.511	29.05	53.7	S0312	.0315U	6.8350	1.0	A
5019	30489.08	14 29S	28 24E	110.1	186.6	3.211	-36.05	47.7	S0312	.0315U	6.5712	1.0	V
5020	30493.28	15 3S	28 18E	112.0	186.6	3.211	-36.40	47.1	S0312	.0315U	6.3650	1.0	F
5021	30497.88	15 22S	28 20E	109.5	186.6	3.211	-33.60	46.9	S0312	.0315U	6.5134	1.2	F
5022	30502.08	15 23S	28 20E	107.8	186.7	3.211	-32.90	46.9	S0312	.0315U	6.7113	0.8	V
5023	30506.28	15 24S	28 19E	108.8	186.7	3.439	-33.25	46.9	S0312	.0315U	6.6124	0.6	A
5024	30564.08	19 9S	28 37E	97.3	186.8	3.211	2.80	43.3	S0312	.0315U	7.3709	0.8	F
5025	30566.08	20 7S	28 36E	98.2	186.8	3.211	2.80	43.2	S0312	.0315U	7.3050	1.0	F
5026	30569.68	20 7S	28 34E	97.2	186.8	3.211	2.10	43.1	S0312	.0315U	7.4369	0.6	V
5027	30579.48	20 27S	27 48E	102.1	186.9	3.439	-19.95	42.5	S0312	.0315U	7.0081	0.8	A
5028	30585.88	21 7S	27 30E	105.1	186.9	3.439	-25.55	41.8	S0312	.0315U	6.8762	1.0	V
5029	30594.48	22 1S	27 50E	99.5	186.9	3.439	-10.50	41.2	S0312	.0315U	7.1895	1.2	F
5030	30606.68	22 52S	27 58E	99.5	187.0	3.211	-1.05	40.5	S0312	.0315U	7.1895	1.2	F
5031	30614.88	23 0S	27 31E	100.3	187.0	3.211	-12.95	40.1	S0312	.0315U	7.1978	1.2	V
5032	30621.68	23 8S	27 38E	99.3	187.0	3.211	-6.30	39.8	S0312	.0315U	7.2740	1.2	V
5033	30665.08	26 9S	27 47E	107.1	187.2	2.733	16.10	37.3	S0312	.0315U	6.7278	1.0	V

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
580 9012	36454.33	43 40N	11 15E	87.0	188.9	2.033	-36.05	63.3	S0409	.04090	8.4273	0.6	V
9013	36457.53	43 40N	11 15E	87.6	186.8	3.033	-35.70	63.3	S0409	.04090	8.3056	0.6	A
9014	36477.13	42 4N	12 45E	80.6	188.7	2.385	24.85	65.4	S0409	.05410	9.0952	1.0	V
9015	36589.33	34 30N	10 30E	75.3	187.8	2.733	13.65	70.1	S0409	.07190	9.6064	0.8	A
9016	36696.93	27 7N	9 19E	85.2	187.2	2.511	28.70	73.2	S0409	.05410	8.4767	1.0	A
9017	36896.93	13 6N	5 14E	84.4	186.6	3.090	-28.70	69.2	S0409	.05410	8.5345	1.0	F
9018	36898.53	12 56N	5 13E	84.5	186.6	3.090	-28.70	69.2	S0409	.05410	8.5262	1.0	F
9019	36907.53	12 50N	5 52E	76.4	186.6	3.439	1.05	69.6	S0409	.05410	9.4498	0.8	A
581 9001	41997.32	27 7N	13 25W	73.3	187.2	3.090	4.20	72.7	S0409	.07190	9.8868	0.8	F
9002	42077.52	21 37N	14 58W	75.3	186.9	3.211	-15.75	72.4	S0409	.07190	9.5900	1.0	F
9003	42137.32	17 34N	14 43W	84.6	186.7	2.733	26.25	72.4	S0409	.05410	8.6499	1.0	V
9004	42152.92	16 40N	14 57W	84.0	186.7	2.733	23.80	72.0	S0409	.05410	8.5674	1.0	A
9005	42162.92	15 34N	14 57W	89.3	186.7	2.733	30.10	71.7	S0409	.05410	8.0974	1.0	F
9006	42168.32	15 2GN	15 5W	85.9	186.7	2.733	26.95	71.6	S0409	.05410	8.5180	1.0	V
9007	42190.32	14 11N	16 3W	75.8	186.6	3.439	-2.80	70.4	S0409	.07190	9.5322	1.0	A
9008	42209.92	13 49N	16 14W	76.3	186.6	3.439	-0.35	69.7	S0409	.05410	9.4580	1.0	A
582 9001	47924.32	19 10S	43 41W	93.5	186.7	3.574	-16.45	47.4	S0409	.05410	7.6504	1.0	A
9002	47979.92	19 30S	43 53W	94.3	186.8	3.211	3.85	43.7	S0409	.07190	7.6109	1.0	F
9003	47983.32	19 30S	43 54W	93.5	186.8	3.211	4.20	43.7	S0409	.07190	7.7428	0.8	V
9004	47987.32	19 34S	43 57W	93.7	186.8	3.211	4.20	43.5	S0409	.07190	7.7264	0.8	V
9005	48009.72	21 34S	45 28W	111.0	186.9	3.090	-33.60	41.4	S0409	.05410	6.4295	0.8	F
9006	48022.12	22 29S	44 34W	96.0	186.9	3.211	-3.15	41.0	S0409	.07190	7.4525	0.4	F
9007	48025.72	22 30S	44 38W	95.1	186.9	3.211	-2.80	41.0	S0409	.07190	7.6027	0.4	V
9008	48032.52	22 30S	44 28W	97.0	187.0	3.090	6.30	40.7	S0409	.07190	7.4542	0.4	V
9009	48036.12	22 30S	44 27W	98.6	187.0	3.090	7.00	40.7	S0409	.07190	7.2151	0.6	A
583 9001	53195.52	10 47S	65 22W	99.5	186.5	3.211	-30.80	51.2	S0409	.07190	7.1304	1.2	F
9002	53159.52	10 48S	65 24W	98.7	186.5	3.439	-31.15	51.2	S0409	.07190	7.3665	0.6	V
9003	53516.52	35 47S	69 33W	106.1	187.8	2.872	-5.95	28.8	S0409	.07190	6.7121	0.6	F
9004	53524.32	35 47S	69 34W	106.6	187.9	2.872	-5.25	28.8	S0409	.07190	6.6544	0.6	A
584 9001	57967.51	23 4N	81 11W	78.5	187.0	3.090	-23.80	72.4	S0409	.07190	9.2024	0.8	F
9002	57980.31	22 50N	80 26W	77.4	186.9	3.090	15.05	73.1	S0409	.07190	9.3920	0.6	F
9003	57985.91	22 50N	80 26W	78.0	186.9	2.872	16.45	73.2	S0409	.07190	9.2401	0.6	A
585 9001	63188.91	28 39N	102 5W	75.4	187.3	2.872	-19.95	71.8	S0409	.07190	9.5817	0.8	F
9002	63199.11	27 57N	102 12W	74.9	187.3	3.090	-19.25	72.0	S0409	.07190	9.6559	0.8	F
9003	63203.51	27 50N	102 4W	73.2	187.2	3.090	-13.30	72.1	S0409	.07190	9.9115	0.8	A
9004	63217.11	27 42N	102 1W	72.3	187.2	3.211	-3.15	72.5	S0409	.07190	10.0270	1.0	A
9005	63238.51	25 34N	102 12W	72.5	187.1	3.211	2.10	72.9	S0409	.07190	9.9858	0.8	A
9006	63256.71	24 15N	102 9W	75.9	187.0	2.872	15.05	73.2	S0409	.05410	9.5240	1.0	A
9007	63267.31	23 15N	102 49W	72.2	187.0	3.211	-6.30	72.8	S0409	.07190	10.0552	0.8	F
9008	63273.51	22 56N	102 41W	71.7	187.0	3.211	2.80	72.9	S0409	.07190	10.2249	1.0	V
9009	63302.71	20 47N	103 24W	74.3	186.9	3.211	-14.00	72.3	S0409	.07190	9.7466	0.8	F
9010	63308.31	20 46N	103 28W	74.2	186.8	3.211	-13.30	72.3	S0409	.07190	9.7714	0.6	A
9011	63317.51	19 45N	103 29W	73.3	186.8	3.211	-6.65	72.3	S0409	.07190	9.8786	0.8	F
9012	63324.11	19 38N	103 22W	73.6	186.8	3.211	0.70	72.4	S0409	.07190	9.8291	0.9	A
590 9001	3038.30	48 6N	153 17E	77.0	189.7	2.511	17.50	60.7	S0409	.05410	9.4415	0.8	F
9002	3043.90	48 6N	153 17E	77.2	189.6	2.385	18.20	60.7	S0409	.05410	9.3756	0.8	A
9003	3053.90	47 6N	152 17E	72.2	189.5	2.511	-3.50	61.2	S0409	.05410	10.0352	0.4	F
9004	3059.10	47 6N	152 17E	72.1	189.4	2.511	-2.80	61.2	S0409	.05410	10.0600	0.4	A
591 9001	8398.69	44 37N	129 42E	72.5	189.0	2.733	5.25	63.3	S0409	.07190	9.9858	0.8	F
9002	8404.49	44 34N	129 44E	73.0	189.0	2.511	4.05	63.4	S0409	.07190	9.9115	0.8	A
9003	8411.69	44 30N	129 21E	71.7	188.9	2.733	-0.70	63.6	S0409	.07190	10.0347	1.2	A
9004	8421.49	43 24N	129 23E	73.2	188.8	2.733	9.80	64.6	S0409	.07190	9.8468	0.4	F
9005	8428.69	42 47N	129 45E	81.7	188.7	2.511	25.90	65.2	S0409	.05410	8.6890	0.4	F
9006	8433.29	42 30N	129 43E	83.0	188.7	2.511	27.30	65.5	S0409	.05410	8.7489	0.6	F
9007	8442.69	41 56N	128 52E	71.5	188.6	2.733	2.45	65.3	S0409	.05410	10.1177	0.4	A
9008	8447.29	41 40N	128 38E	71.1	188.6	2.733	0.00	65.7	S0409	.07190	10.1672	0.4	F
9009	8452.29	40 56N	128 46E	73.0	188.5	2.733	7.70	66.1	S0409	.07190	9.9198	0.4	F
9010	8460.69	40 47N	128 3E	72.6	188.4	2.733	-15.75	65.9	S0409	.07190	9.9775	0.4	A
9011	8467.89	39 56N	127 49E	74.0	188.4	2.733	-16.80	66.4	S0409	.05410	9.7584	0.8	F
9012	8473.29	39 50N	127 49E	73.8	188.3	2.733	-16.10	66.4	S0409	.05410	9.8126	1.0	A
9013	8478.49	39 12N	127 30E	74.1	188.3	2.511	-21.70	66.8	S0409	.05410	9.4828	1.2	F
9014	8486.09	38 56N	127 57E	71.4	188.2	2.733	-0.35	67.5	S0409	.07190	10.1342	0.6	F
9015	8491.29	38 50N	127 57E	71.4	188.2	2.872	0.00	67.5	S0409	.07190	10.1259	0.6	A
9016	8501.09	37 59N	127 6E	76.7	188.1	2.511	-22.75	67.8	S0409	.05410	9.4085	0.4	F
9017	8503.89	37 59N	127 6E	75.5	188.1	2.733	-22.40	67.8	S0409	.05410	9.6807	0.4	V
9018	8517.89	36 27N	127 23E	71.9	188.0	2.872	-2.10	68.8	S0409	.05410	10.0600	0.8	F
9019	8523.09	36 27N	127 24E	71.9	188.0	2.872	-1.05	68.8	S0409	.05410	10.0517	0.8	A
592 9001	13604.69	51 40N	108 42E	79.3	190.4	1.810	-25.90	57.3	S0409	.05410	9.1034	0.4	F
9002	13608.89	51 42N	108 51E	75.7	190.3	2.033	-19.60	57.6	S0409	.04090	9.5487	0.6	F
9003	13616.09	51 12N	109 13E	72.3	190.2	2.385	-7.35	57.9	S0409	.04090	10.0436	0.4	A
9004	13661.69	47 47N	107 23E	80.1	189.6	2.033	-28.70	60.5	S0409	.05410	9.0127	1.0	F
9005	13667.09	47 24N	107 28E	76.9	189.5	2.170	-23.80	60.8	S0409	.05410	9.3920	0.6	F

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REV	FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
595	5034	30672.0A	26 50S	27 31E	105.A	187.2	2.872	10.15	37.0	S0312	.0315U	6.7196	1.0	A
	5035	30685.4A	29 13S	26 47E	103.6	187.3	3.211	-4.85	35.5	S0312	.0315U	6.8927	0.6	F
	5036	30693.6A	28 0S	25 54E	115.1	187.3	3.439	-28.00	35.2	S0312	.0315U	6.2001	1.2	A
	5037	30702.0A	29 3S	26 19E	104.A	187.3	3.211	-12.25	34.6	S0312	.0415U	6.8762	0.8	V
	5038	30759.2A	33 10S	26 31E	114.8	187.6	2.511	16.80	31.1	S0312	.0315U	6.2166	1.0	F
	9001	29152.8A	76 14N	62 42E	80.1	208.0	0.629	-11.20	34.5	S0409	.0967U	9.0045	0.8	F
	9002	29159.6A	76 14N	62 41E	79.9	207.3	0.776	-11.20	34.5	S0409	.0967U	9.0622	0.5	A
	9003	29237.6A	70 52N	54 8E	79.0	199.9	0.986	-14.35	39.9	S0409	.0719U	9.1364	1.0	F
	9004	29243.2A	70 52N	54 9E	78.7	199.6	0.986	-14.00	39.9	S0409	.0719U	9.2106	1.0	A
	9005	29283.2A	67 59N	53 3E	80.2	197.3	1.475	17.15	43.1	S0409	.0719U	9.0375	0.6	F
	9006	29289.0A	67 59N	53 3E	80.1	197.0	1.332	17.50	43.1	S0409	.0719U	9.0375	0.6	A
	9007	29431.8A	59 20N	44 47E	82.1	192.1	1.687	-28.00	51.5	S0409	.0719U	8.8478	0.8	A
	9008	29453.4A	56 45N	43 13E	97.8	191.7	1.332	-43.05	52.8	S0409	.0719U	7.4872	1.0	V
	9009	29457.0A	56 45N	43 12E	98.8	191.6	1.332	-43.05	52.8	S0409	.0719U	7.3553	1.0	A
	9010	29464.8A	56 4N	43 59E	79.7	191.4	1.810	-25.20	53.6	S0409	.0719U	9.1117	0.4	A
	9011	29471.0A	55 27N	43 49E	77.8	191.3	1.810	-23.45	54.1	S0409	.0719U	9.4250	0.6	V
	9012	29476.8A	54 52N	43 24E	81.6	191.2	1.687	-28.00	54.6	S0409	.0719U	8.8478	1.0	F
	9013	29482.6A	54 52N	43 24E	81.2	191.1	1.810	-27.65	54.6	S0409	.0719U	8.9468	1.0	A
	9014	29501.8A	53 14N	44 3E	72.2	190.7	2.170	4.55	56.3	S0409	.0719U	10.1672	0.8	V
	9015	29508.8A	52 50N	43 26E	73.3	190.6	2.170	-10.15	56.4	S0409	.0719U	9.9033	0.4	A
	9016	29524.4A	51 90N	43 30E	73.3	190.4	2.385	6.30	57.8	S0409	.0719U	9.8951	0.8	F
	9017	29529.8A	51 90N	43 30E	73.4	190.3	2.170	7.35	57.8	S0409	.0719U	9.8868	0.6	A
	9018	29582.4A	47 32N	42 14E	73.4	189.5	2.511	8.40	61.1	S0409	.0719U	9.8868	1.0	F
	9019	29587.6A	47 26N	42 14E	73.6	189.5	2.511	9.10	61.1	S0409	.0719U	9.8538	1.0	A
	9020	29599.0A	46 27N	41 32E	72.0	189.3	2.511	-3.50	61.8	S0409	.0719U	10.0600	0.6	F
	9021	29604.0A	46 26N	41 32E	72.0	189.3	2.511	-2.45	61.8	S0409	.0719U	10.0447	1.0	A
	9022	29647.4A	43 8N	40 35E	71.9	188.8	2.733	-3.50	64.4	S0409	.0409U	10.0847	0.6	F
	9023	29652.6A	43 8N	40 35E	71.9	188.8	2.733	-2.80	64.4	S0409	.0409U	10.1012	0.6	A
	9024	29752.4A	36 14N	37 36E	93.7	187.9	2.170	-42.35	68.2	S0409	.0309U	7.8006	0.8	V
	9025	29755.8A	36 14N	37 36E	94.5	187.9	2.385	-42.35	68.2	S0409	.0309U	7.7016	1.0	A
	9026	29773.0A	34 54N	37 39E	83.8	187.8	2.385	-32.90	69.3	S0409	.0409U	8.6887	0.6	F
	9027	29779.0A	34 54N	37 38E	83.2	187.8	2.733	-32.55	69.4	S0409	.0409U	8.7406	0.8	A
	9028	29785.2A	33 45N	37 14E	90.2	187.7	2.170	-38.85	69.6	S0409	.0309U	7.9757	1.0	F
	9029	29791.6A	33 44N	37 14E	89.6	187.7	2.385	-38.50	69.6	S0409	.0309U	8.1222	1.0	A
	9030	29807.2A	32 12N	37 10E	83.3	187.6	2.511	-32.20	70.4	S0409	.0409U	8.6499	1.0	F
	9031	29813.2A	32 12N	37 9E	82.9	187.6	2.733	-31.85	70.4	S0409	.0409U	8.7918	0.8	A
	9032	29820.6A	31 27N	37 17E	76.1	187.5	2.872	-22.75	70.9	S0409	.0409U	9.6312	1.0	V
	9033	29862.4A	28 45N	36 34E	79.5	187.3	2.872	-26.60	71.8	S0409	.0541U	9.0705	1.0	F
	9034	29868.2A	28 45N	36 33E	79.1	187.3	2.872	-25.90	71.8	S0409	.0541U	9.1694	0.8	A
	9035	30214.4A	4 28N	32 35E	81.7	186.4	3.574	-9.80	64.0	S0409	.0409U	8.8231	1.0	A
	9036	30238.0A	2 51N	32 17E	82.5	186.4	3.574	-10.85	62.8	S0409	.0409U	8.7324	1.0	A
	9037	30266.8A	0 21N	32 35E	89.7	186.4	3.090	18.20	61.3	S0409	.0541U	8.0644	0.8	F
	9038	30270.0A	0 21N	32 35E	89.0	186.4	3.090	18.55	61.3	S0409	.0541U	8.1881	0.6	V
	9039	30346.0A	6 7S	30 12E	93.4	186.5	3.439	-26.25	55.2	S0409	.0541U	7.7341	1.0	V
	9040	30635.2A	24 26S	28 44E	120.4	187.1	2.033	30.45	39.6	S0409	.0541U	5.8710	1.0	A
	9041	30642.4A	25 26S	28 18E	112.8	187.1	2.385	23.45	38.5	S0409	.0541U	6.3493	1.0	F
	9042	30648.0A	25 40S	27 56E	106.8	187.1	2.733	15.05	38.1	S0409	.0541U	6.7039	0.8	F
	9043	30651.8A	25 40S	27 56E	106.2	187.1	2.733	15.75	38.1	S0409	.0541U	6.7863	0.8	V
	9044	30655.8A	24 47S	27 45E	105.A	187.1	2.733	12.95	37.6	S0409	.0541U	6.7616	0.6	F
	9045	30659.6A	24 47S	27 45E	105.0	187.2	2.733	13.30	37.6	S0409	.0541U	6.8605	0.6	V
596	5001	34712.0A	59 20N	24 40E	74.1	192.7	2.033	3.50	50.7	S0312	.0415U	9.7867	0.4	F
	5002	34717.2A	59 19N	24 41E	74.2	192.6	1.810	4.55	50.7	S0312	.0415U	9.7950	0.6	A
	5003	34757.2A	56 24N	23 20E	73.9	191.7	2.033	6.30	53.5	S0312	.0415U	9.8197	0.4	F
	5004	34762.4A	56 25N	23 20E	74.0	191.6	2.033	7.00	53.5	S0312	.0415U	9.8114	0.6	A
	5005	34796.2A	53 53N	20 58E	80.9	190.9	1.810	-27.65	55.4	S0312	.0315U	8.9127	0.6	F
	5006	34799.2A	53 52N	20 57E	80.0	190.9	1.810	-27.65	55.5	S0312	.0315U	9.1518	0.6	V
	5007	34810.4A	52 54N	20 39E	80.3	190.7	1.810	-26.95	56.3	S0312	.0315U	8.9787	0.4	F
	5008	34845.6A	50 20N	21 28E	78.2	190.1	2.385	19.95	58.9	S0312	.0315U	9.3003	0.4	F
	5009	34848.4A	50 20N	21 28E	77.5	190.1	2.170	20.65	58.9	S0312	.0315U	9.4734	0.4	V
	5010	34852.0A	50 5N	21 26E	78.1	190.0	2.170	21.70	59.1	S0312	.0315U	9.4074	0.4	V
	5011	34854.8A	50 5N	21 26E	79.3	190.0	2.170	22.05	59.1	S0312	.0315U	9.1518	0.4	A
	5012	34910.2A	46 18N	20 7E	78.0	189.3	2.385	20.30	62.2	S0312	.0315U	9.2898	0.6	A
	5013	34961.4A	42 27N	18 42E	73.7	188.7	2.733	10.15	65.0	S0312	.0415U	9.5609	0.6	F
	5014	34966.6A	42 26N	18 42E	74.0	188.7	2.511	11.20	65.1	S0312	.0415U	9.6062	0.6	A
	5015	35112.2A	32 24N	15 6E	82.1	187.6	2.511	-31.50	70.4	S0312	.0315U	8.9127	0.6	V
	5016	35115.2A	32 24N	15 6E	83.0	187.6	2.733	-31.50	70.4	S0312	.0315U	8.7726	0.6	A
	5017	35120.2A	32 9N	15 4E	82.2	187.5	2.733	-30.45	70.5	S0312	.0315U	8.8550	0.6	A
	5018	35186.6A	27 2N	14 27E	75.3	187.2	3.090	-17.15	72.3	S0312	.0315U	9.5971	0.8	F
	5019	35192.0A	27 2N	14 27E	75.1	187.2	3.090	-16.10	72.3	S0312	.0315U	9.6630	0.8	A
	9001	34380.2A	80 56N	58 2E	79.5	223.3	0.417	1.75	29.5	S0409	.0541U	9.1941	0.6	V
	9002	34383.2A	80 56N	57 60E	80.3	222.5	0.417	1.75	29.5	S0409	.0541U	9.0045	0.6	A
	9003	34726.4A	58 27N	24 30E	75.6	192.4	2.033	11.20	51.7	S0409	.0719U	9.5900	1.0	F
	9004	34732.0A	58 27N	24 29E	75.7	192.2	1.810	11.90	51.7	S0409	.0719U	9.5817	0.8	A
	9005	34749.0A	57 5N	24 5E	76.7	191.9	2.033	17.15	53.0	S0409	.0719U	9.5570	0.4	V
	9006	34751.8A	57 5N	24 5E	77.A	191.8	1.810	17.85	53.0	S0409	.0719U	9.3096	0.4	A
	9007	34817.4A	52 22N	21 12E	72.9	190.6	2.170	-8.05	56.9	S0409	.0719U	9.9198	1.4	F
	9008	34822.6A	52 22N	21 12E	72.6	190.5	2.170	-7.35	56.9	S0409	.0719U	9.9693	1.4	A
	9009	34891.2A	47 22N	18 59E	78.2	189.3	2.170	-24.85	60.9	S0409	.0719U	9.2271	0.8	F
	9010	34896.6A	47 23N	18 59E	77.8	189.4	2.385	-24.50	60.9	S0409	.0719U	9.3343	1.0	A
	9011	34919.8A	45 22N	19 0E	72.1	189.2	2.511	-6.65	62.7	S0409	.0719U	10.0435	0.6	F
	9012	34925.0A	45 22N	19 1E	72.0	189.1	2.511	-5.60	62.7	S0409	.0719U	10.0765	0.6	A
	9013	35186.4A	27 2N	14 27E	75.3	187.2	3.090	-17.15	72.3	S0409	.0719U	9.5982	1.0	F
	9014	35191.8A	27 2N	14 27E	75.1	187.2	3.090	-16.10	72.3	S0409	.0719U	9.6642	1.0	A
	9015	35308.4A	19 0N	12 53E	77.6	186.8	3.211	-17.50	71.8	S0409	.0541U	9.3178	1.0	A

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
596 9016	35312.68	18 43N	12 48E	78.3	186.8	3.211	-18.90	71.7	S0409	.05410	9.2436	1.0	A
9017	35460.28	8 27N	12 4E	91.2	186.5	2.733	26.60	67.6	S0409	.05410	7.8583	0.6	A
597 5001	40131.68	51 33N	0 8W	79.0	190.4	2.170	21.35	57.9	S0312	.03150	9.2096	0.8	F
5002	40137.48	51 32N	0 9W	79.4	190.3	2.033	22.05	57.9	S0312	.03150	9.1894	0.6	A
9001	40160.68	49 40N	1 37W	72.2	190.0	2.385	-2.10	59.2	S0409	.09670	10.0352	0.4	F
9002	40166.88	49 40N	1 37W	72.2	189.9	2.385	-1.40	59.3	S0409	.09670	10.0617	0.4	A
9003	40396.88	33 33N	5 8W	81.1	187.7	2.511	26.95	70.9	S0409	.04090	9.0457	1.0	V
598 9001	46273.87	5 34S	35 16W	86.3	186.5	3.439	-0.35	55.8	S0409	.05410	8.4190	0.6	V
9002	46277.07	5 34S	35 16W	87.5	186.5	3.439	0.00	55.8	S0409	.05410	8.1799	0.6	A
599 5001	51716.47	15 39S	60 14W	115.2	186.7	3.090	-38.15	46.5	S0312	.03150	6.1919	1.0	F
5002	51727.87	16 10S	59 29W	94.0	186.7	3.439	-10.85	46.5	S0312	.03150	7.7007	1.0	V
5003	51741.27	16 10S	59 45W	96.2	186.8	3.439	-6.30	44.7	S0312	.03150	7.4206	0.4	A
5004	51804.87	22 0S	60 37W	99.8	186.9	3.439	-12.25	41.2	S0312	.03150	7.1648	0.4	F
5005	51812.47	22 0S	60 37W	98.8	186.9	3.439	-11.90	41.2	S0312	.03150	7.3152	1.0	V
5006	52078.47	40 23S	63 39W	114.3	188.4	2.385	12.95	24.2	S0312	.04150	6.0105	1.0	F
9001	51652.87	11 42S	59 21W	90.5	186.3	3.439	-2.10	51.0	S0409	.05410	7.9408	1.0	F
9002	51663.87	12 10S	59 15W	92.4	186.6	3.211	7.00	50.4	S0409	.05410	7.7323	1.0	F
9003	51670.67	12 11S	58 1W	96.7	186.6	2.072	16.10	50.5	S0409	.05410	7.3718	1.0	A
9004	51737.07	17 14S	59 0W	96.2	186.7	3.214	6.65	45.9	S0409	.05410	7.4625	0.8	F
9005	51745.47	17 0S	58 54W	100.2	186.7	2.072	15.40	46.1	S0409	.05410	7.0947	1.0	A
9006	51775.27	19 19S	59 4W	106.7	186.8	2.511	22.05	44.1	S0409	.05410	6.6544	1.0	A
9007	51819.67	22 19S	60 2W	101.6	186.9	2.072	9.45	41.2	S0409	.05410	6.9925	1.0	A
9008	51824.67	22 20S	59 32W	114.9	187.0	2.170	27.30	40.8	S0409	.05410	6.1596	0.8	A
9009	52011.47	35 40S	63 26W	110.6	187.9	2.072	-8.40	28.3	S0409	.07190	6.4255	1.2	F
9010	52017.87	36 14S	63 8W	110.8	187.9	2.733	1.75	28.0	S0409	.07190	6.4255	1.0	F
9011	52020.67	36 26S	63 11W	110.9	187.9	2.733	1.75	27.8	S0409	.07190	6.4070	1.0	F
9012	52027.27	36 20S	63 7W	111.8	188.0	2.733	3.50	27.9	S0409	.07190	6.3163	1.0	A
9013	52030.87	36 34S	63 9W	112.1	188.0	2.733	4.20	27.7	S0409	.07190	6.2916	1.0	A
9014	52033.87	36 40S	63 13W	112.2	188.0	2.733	3.85	27.5	S0409	.07190	6.2916	0.8	A
9015	52037.67	37 0S	63 15W	112.5	188.1	2.733	4.20	27.2	S0409	.07190	6.2668	1.0	A
9016	52042.47	37 20S	63 26W	112.7	188.1	2.733	4.20	26.4	S0409	.07190	6.3080	0.8	F
9017	52051.07	38 41S	62 16W	136.6	188.2	1.810	32.20	26.1	S0409	.05410	5.1948	1.0	F
9018	52056.07	38 41S	62 16W	136.0	188.2	1.810	32.55	26.1	S0409	.05410	5.2526	1.0	V
9019	52061.27	38 41S	62 17W	138.1	188.2	1.475	32.90	26.1	S0409	.05410	5.0711	1.0	A
600 5001	56489.67	20 41N	74 54W	74.7	186.9	3.211	-6.65	72.5	S0312	.04150	9.7043	0.6	F
5002	56500.47	19 59N	75 4W	74.9	186.8	3.211	-7.70	72.3	S0312	.03150	9.6713	0.4	F
5003	56509.87	19 59N	75 5W	75.1	186.8	3.439	-7.35	72.3	S0312	.03150	9.6548	0.4	A
9001	56446.07	24 0N	74 31W	76.0	187.0	3.211	-16.80	72.6	S0409	.05410	9.8405	0.6	A
9002	56463.47	22 54N	74 51W	77.8	186.9	3.211	-20.65	72.4	S0409	.05410	9.3178	1.0	A
9003	56495.27	20 40N	74 55W	74.7	186.6	3.211	-6.30	72.5	S0409	.07190	9.6807	0.6	A
606 5001	1369.45	58 50N	163 50E	77.6	192.6	1.810	13.30	51.3	S0312	.05390	9.3415	0.4	F
5002	1372.25	58 50N	163 50E	76.8	192.5	1.810	13.65	51.3	S0312	.05390	9.5476	0.4	V
5003	1378.65	58 54N	163 34E	76.3	192.4	1.810	12.60	51.7	S0312	.05390	9.6136	0.4	V
5004	1381.45	58 54N	163 34E	77.3	192.3	1.810	12.95	51.7	S0312	.05390	9.3909	0.4	A
5005	1456.45	57 10N	159 46E	81.0	190.4	1.810	-26.25	56.1	S0312	.03150	8.9045	0.4	F
9001	1369.45	58 50N	163 50E	77.7	192.6	1.810	13.30	51.3	S0409	.09670	9.5426	0.4	F
9002	1372.25	58 50N	163 50E	76.8	192.5	1.810	13.65	51.3	S0409	.09670	9.5487	0.4	V
9003	1389.65	57 57N	162 8E	76.2	192.1	1.687	-16.10	52.1	S0409	.05410	9.6147	0.4	V
9004	1392.45	57 57N	162 2E	77.0	192.0	1.687	-16.10	52.1	S0409	.05410	9.4250	0.4	A
9005	1397.85	57 10N	162 6E	74.7	191.9	1.810	-7.00	52.8	S0409	.07190	9.6807	1.0	F
9006	1402.25	56 50N	161 56E	74.5	191.8	1.810	-8.05	53.1	S0409	.05410	9.7054	0.4	F
9007	1407.65	56 50N	161 56E	74.3	191.7	2.033	-7.70	53.1	S0409	.05410	9.7631	0.4	A
9008	1414.25	56 20N	160 52E	81.1	191.6	1.810	-26.95	53.4	S0409	.05410	9.0210	0.6	V
9009	1417.25	56 20N	160 51E	82.0	191.5	1.810	-26.95	53.4	S0409	.05410	8.8478	0.6	A
9010	1440.85	53 7N	160 1E	76.1	190.7	2.033	-18.90	56.3	S0409	.09670	9.6394	0.4	V
9011	1463.65	53 7N	160 1E	76.9	190.6	2.033	-18.55	56.3	S0409	.09670	9.4580	0.4	A
9012	2682.85	30 40S	143 5E	105.8	187.5	3.090	-4.20	33.0	S0409	.05410	6.8028	1.4	V
607 5001	6834.25	48 46N	135 48E	87.1	189.8	1.810	-34.65	59.7	S0312	.03150	8.2696	0.4	F
5002	6837.25	48 47N	135 49E	85.8	189.7	1.810	-34.30	59.7	S0312	.03150	8.5335	0.4	V
5003	6909.85	43 32N	135 9E	73.5	188.9	2.511	-12.60	64.1	S0312	.03150	9.8444	0.4	F
5004	6915.05	43 32N	135 10E	73.4	188.8	2.733	-11.90	64.1	S0312	.03150	9.9186	0.8	A
9001	6809.25	50 24N	137 20E	73.6	190.1	2.170	-8.40	58.7	S0409	.05410	9.8373	0.4	F
9002	6814.45	50 20N	137 20E	73.4	190.0	2.385	-6.05	58.7	S0409	.05410	9.8868	0.4	A
9003	6842.45	48 27N	135 26E	92.2	189.6	1.687	-39.90	59.9	S0409	.04090	7.9408	0.8	V
9004	6845.85	48 26N	135 25E	93.3	189.6	1.687	-39.90	59.9	S0409	.04090	7.8006	0.8	A
9005	6895.25	44 26N	135 56E	73.0	189.0	2.733	4.55	63.6	S0409	.05410	9.9363	0.4	F
9006	6900.45	44 29N	135 56E	73.1	189.0	2.511	5.60	63.6	S0409	.05410	9.9198	0.4	A
9007	6906.65	43 56N	135 14E	72.8	188.9	2.511	-12.95	63.8	S0409	.05410	10.0765	0.6	V
9008	6909.85	43 32N	135 9E	73.6	188.9	2.511	-12.60	64.1	S0409	.07190	9.8456	0.4	F
9009	6915.05	43 32N	135 9E	73.3	188.8	2.733	-11.90	64.1	S0409	.07190	9.9198	0.4	A
608 5001	11802.25	71 40N	128 55E	78.9	201.0	1.115	1.75	39.3	S0312	.04150	9.1519	0.6	F

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
608 5002	11807.85	71 40N	128 56E	78.8	200.5	1.113	2.10	39.3	S0312	.04150	9.1931	0.6	A
5003	12261.45	40 47N	111 60E	76.7	188.5	2.511	-23.10	65.9	S0312	.03150	9.4239	0.6	F
5004	12267.05	40 46N	112 0E	76.2	188.4	2.511	-22.05	65.9	S0312	.03150	9.5476	0.6	A
5005	12313.65	37 28N	111 58E	72.5	188.1	2.872	5.60	68.5	S0312	.03150	10.0093	0.4	A
5006	12328.25	36 27N	111 52E	73.5	188.0	2.733	10.85	69.2	S0312	.03150	9.8692	0.4	A
5007	12335.45	35 56N	111 23E	72.1	187.9	2.872	-1.05	69.4	S0312	.03150	10.0423	0.4	F
5008	12604.65	10 49N	106 44E	79.5	186.5	3.439	7.70	68.6	S0312	.04150	9.1189	0.6	F
5009	12697.65	10 46N	106 43E	78.9	186.5	3.211	8.40	68.6	S0312	.04150	9.2755	0.6	V
9001	11802.05	71 40N	128 56E	79.0	201.0	1.113	1.75	39.3	S0409	.09670	9.1529	0.6	F
9002	11807.85	71 40N	128 55E	78.8	200.5	1.113	2.10	39.3	S0409	.09670	9.1941	0.6	A
9003	12089.85	52 42N	116 50E	77.8	190.6	2.170	17.50	57.2	S0409	.05410	9.3426	1.6	F
9004	12095.45	52 42N	116 50E	78.0	190.5	2.170	18.20	57.3	S0409	.05410	9.2849	1.6	A
9005	12110.85	51 0N	115 27E	73.3	190.3	2.170	-7.70	58.2	S0409	.05410	9.8786	0.8	F
9006	12116.05	51 0N	115 27E	73.1	190.4	2.385	-7.35	58.2	S0409	.05410	9.9198	1.0	A
9007	12261.05	40 48N	112 0E	76.7	188.5	2.511	-23.10	65.9	S0409	.07190	9.4250	0.6	F
9008	12266.45	40 46N	112 1E	76.2	188.4	2.511	-22.05	65.9	S0409	.07190	9.5467	1.0	A
9009	12289.25	39 51N	111 37E	75.2	188.3	2.511	-20.30	67.2	S0409	.07190	9.6064	0.4	F
9010	12294.65	39 49N	111 37E	74.9	188.2	2.733	-19.95	67.2	S0409	.07190	9.6972	0.4	A
9011	12299.45	39 47N	111 11E	80.2	188.2	2.511	-29.05	67.5	S0409	.05410	8.9880	0.4	F
9012	12302.45	39 46N	111 11E	79.0	188.2	2.511	-28.70	67.5	S0409	.05410	9.2684	0.4	V
9013	12314.25	37 28N	111 58E	72.6	188.1	2.872	5.60	68.5	S0409	.05410	10.0105	0.6	A
9014	12318.25	37 10N	111 47E	72.0	188.0	2.872	1.05	68.6	S0409	.05410	10.0682	0.4	A
9015	12322.25	36 56N	111 50E	72.7	188.0	2.872	5.95	68.8	S0409	.05410	9.9693	0.6	A
9016	12334.25	35 40N	111 24E	72.2	187.9	2.872	-1.05	69.4	S0409	.05410	10.0435	1.2	F
9017	12346.45	34 24N	112 20E	93.9	187.8	2.511	36.75	70.7	S0409	.04090	7.7676	1.0	F
9018	12349.85	34 14N	112 23E	93.3	187.8	2.170	37.45	70.7	S0409	.04090	7.8450	0.8	V
9019	12353.25	34 4N	112 20E	94.9	187.8	2.170	37.80	70.7	S0409	.04090	7.6192	0.8	A
9020	12813.25	3 1N	105 42E	90.4	186.4	2.872	21.70	63.4	S0409	.05410	7.9408	0.4	A
609 9001	17571.24	40 49N	89 49E	77.9	188.5	2.385	-24.85	65.9	S0409	.05410	9.2684	1.2	F
9002	17576.24	40 49N	89 50E	77.3	188.4	2.511	-23.80	65.9	S0409	.05410	9.4003	1.0	A
9003	17804.04	24 39N	87 25E	79.9	187.1	2.872	19.95	73.4	S0409	.05410	9.1117	0.6	F
9004	17834.04	22 43N	86 21E	74.7	187.0	3.211	-9.80	72.7	S0409	.07190	9.6807	0.4	F
9005	17836.84	22 40N	86 21E	73.9	187.0	3.211	-9.45	72.7	S0409	.07190	9.9198	0.4	V
610 5001	22666.04	55 26N	73 18E	74.4	191.4	2.170	4.55	54.5	S0312	.04150	9.7455	0.6	F
5002	22671.44	55 26N	73 18E	74.5	191.3	2.170	5.25	54.5	S0312	.04150	9.7455	0.6	A
5003	22678.04	54 57N	73 23E	76.3	191.1	2.033	12.60	55.0	S0312	.04150	9.5064	1.6	A
5004	22969.44	41 29N	69 12E	78.1	188.6	2.511	19.95	66.0	S0312	.03150	9.3250	0.4	F
5005	22917.64	30 20N	68 41E	84.0	188.2	2.511	29.75	68.3	S0312	.03150	8.7561	0.4	V
5006	23043.04	29 50N	66 32E	81.5	187.4	2.511	24.85	72.5	S0312	.02260	8.8798	0.6	A
5007	23058.64	28 40N	64 56E	79.6	187.3	2.872	-28.35	71.7	S0312	.02260	9.1931	0.4	V
5008	23061.44	28 40N	64 56E	80.5	187.3	3.090	-28.35	71.7	S0312	.02260	9.0564	0.6	A
9001	22666.04	55 26N	73 18E	74.5	191.4	2.170	4.55	54.5	S0409	.07190	9.7466	0.6	F
9002	22671.24	55 26N	73 18E	74.5	191.3	2.170	5.25	54.5	S0409	.07190	9.7466	0.6	A
9003	22709.84	52 26N	72 2E	73.5	190.6	2.170	2.10	57.1	S0409	.07190	9.8621	0.6	F
9004	22715.24	52 27N	72 2E	73.5	190.5	2.170	2.80	57.1	S0409	.07190	9.8703	0.6	A
9005	22728.64	51 12N	71 26E	73.0	190.3	2.385	-2.45	58.1	S0409	.07190	9.9198	0.6	F
9006	22734.04	51 12N	71 23E	73.0	190.2	2.385	-3.15	58.1	S0409	.07190	9.9363	0.6	A
9007	22743.44	50 58N	71 46E	76.1	190.1	2.170	16.45	59.0	S0409	.05410	9.6559	0.4	V
9008	22746.24	50 58N	71 46E	77.1	190.0	2.170	16.80	59.0	S0409	.05410	9.4003	0.4	A
9009	22772.44	48 26N	70 12E	72.8	189.7	2.385	-11.90	60.3	S0409	.05410	10.0765	0.8	V
9010	22789.44	46 57N	70 51E	79.3	189.4	2.385	21.35	61.9	S0409	.05410	9.1694	0.6	F
9011	22792.44	46 56N	70 50E	78.5	189.4	2.385	21.70	61.9	S0409	.05410	9.3426	0.4	V
9012	22795.24	46 56N	70 51E	79.7	189.4	2.170	22.40	61.9	S0409	.05410	9.0869	0.4	A
9013	22856.04	42 26N	69 29E	79.1	188.7	2.511	21.35	65.4	S0409	.05410	9.2106	0.8	F
9014	22861.64	42 24N	69 29E	79.4	188.7	2.385	22.05	65.4	S0409	.05410	9.1117	0.8	A
9015	22874.04	41 20N	69 16E	79.7	188.6	2.511	23.80	66.2	S0409	.05410	9.2189	0.4	V
9016	22876.84	41 21N	69 16E	80.9	188.5	2.511	24.15	66.2	S0409	.05410	8.9550	0.6	A
9017	22910.84	38 44N	68 50E	87.1	188.2	2.511	31.50	68.2	S0409	.04090	8.3695	0.6	F
9018	22914.04	38 44N	68 50E	86.5	188.2	2.511	31.85	68.2	S0409	.04090	8.5015	0.6	V
9019	22926.44	37 59N	67 32E	72.2	188.1	2.872	-4.20	68.2	S0409	.05410	10.0435	0.8	F
9020	22931.64	37 59N	67 32E	72.2	188.1	2.872	-3.50	68.2	S0409	.05410	10.0435	0.8	A
9021	22936.64	37 14N	67 24E	72.3	188.0	2.872	-5.25	68.4	S0409	.05410	10.0352	0.6	A
9022	22945.24	36 44N	67 13E	72.4	188.0	2.872	-7.00	68.8	S0409	.05410	10.0187	0.8	A
9023	22971.44	34 50N	67 49E	84.9	187.8	2.385	30.45	70.4	S0409	.05410	8.5015	1.0	A
9024	23058.44	28 49N	64 56E	79.6	187.3	2.872	-28.35	71.7	S0409	.05410	9.1941	0.6	U
9025	23061.44	28 40N	64 56E	80.5	187.3	3.090	-28.35	71.7	S0409	.04090	9.0375	0.4	A
611 5001	27934.24	58 10N	52 40E	76.3	192.3	2.033	10.50	52.1	S0312	.04150	9.5064	0.6	F
5002	27939.64	58 11N	52 40E	76.4	192.2	1.810	11.20	52.1	S0312	.04150	9.5064	0.6	A
5003	27963.24	58 10N	51 17E	74.0	191.6	2.033	-1.75	53.7	S0312	.05390	9.7367	0.6	F
5004	27968.64	58 10N	51 17E	74.0	191.5	2.033	-1.40	53.7	S0312	.05390	9.8114	0.4	A
5005	27976.84	55 27N	51 58E	81.0	191.4	2.033	22.05	54.5	S0312	.03150	8.9540	0.6	A
5006	27994.84	54 10N	49 29E	80.9	191.0	1.810	-25.90	55.3	S0312	.03150	8.9292	0.8	F
5007	28000.44	54 10N	49 29E	80.5	190.9	2.033	-25.55	55.3	S0312	.03150	9.0447	1.0	A
5008	28029.84	51 50N	48 34E	81.9	190.4	1.810	-28.00	57.3	S0312	.03150	8.8158	0.6	F
5009	28032.84	51 49N	48 34E	80.7	190.4	1.810	-27.65	57.3	S0312	.03150	9.0776	0.6	V
5010	28036.44	51 48N	48 38E	79.8	190.3	2.033	-25.20	57.4	S0312	.03150	9.1271	0.6	A
5011	28064.44	49 26N	48 10E	76.1	189.9	2.170	-18.55	59.4	S0312	.03150	9.4981	0.6	F
5012	28069.84	49 26N	48 12E	75.9	189.8	2.170	-17.85	59.4	S0312	.03150	9.5888	0.6	A
5013	28142.44	43 59N	47 38E	76.4	189.0	2.511	15.75	64.1	S0312	.04150	9.5229	0.6	F
5014	28146.04	43 58N	47 38E	76.8	188.9	2.385	16.80	64.1	S0312	.04150	9.4404	0.6	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
611 5015	28156.24	43 1N	47 31E	78.7	188.8	2.511	20.30	64.9	S0312	.04150	9.2590	0.6	F
5016	28141.84	43 1N	47 30E	79.1	188.8	2.385	21.00	64.9	S0312	.04150	9.1683	0.6	A
5017	28226.24	38 00N	44 58E	77.9	188.2	2.511	-26.60	67.3	S0312	.03150	9.4074	0.6	V
5018	28229.24	38 02N	44 58E	78.6	188.2	2.511	-26.25	67.4	S0312	.03150	9.2590	0.6	A
5019	28240.24	35 58N	44 59E	72.2	187.9	2.872	-5.60	69.2	S0312	.03150	10.0505	0.6	F
5020	28245.44	35 56N	44 58E	72.2	187.9	2.872	-4.90	69.2	S0312	.03150	10.0588	0.6	A
5021	28302.24	32 4N	44 17E	73.3	187.6	2.872	2.80	71.3	S0312	.03150	9.9186	0.4	A
5022	28800.44	1 10S	36 50E	110.4	186.4	2.872	-42.35	58.8	S0312	.02260	6.4805	1.0	F
5023	28804.64	1 16S	36 49E	109.0	186.4	3.090	-42.35	58.8	S0312	.02260	6.6783	0.8	V
9001	27870.64	62 44N	56 3E	85.7	194.0	1.475	26.60	48.0	S0409	.05410	8.4520	0.4	A
9002	27994.64	54 13N	49 29E	80.9	191.0	1.810	-25.90	55.3	S0409	.07190	8.9303	1.0	F
9003	28000.44	54 12N	49 29E	80.5	190.9	2.033	-25.55	55.3	S0409	.07190	9.0457	0.8	A
9004	28009.04	53 9N	50 7E	73.6	190.8	2.170	0.35	56.5	S0409	.07190	9.8436	0.8	F
9005	28014.64	53 6N	50 6E	73.5	190.7	2.170	1.05	56.5	S0409	.07190	9.8621	0.6	A
9006	28029.84	51 49N	48 33E	81.9	190.4	1.810	-28.00	57.3	S0409	.07190	8.8148	0.6	F
9007	28032.84	51 49N	48 34E	80.7	190.4	1.810	-27.65	57.4	S0409	.07190	9.0787	0.6	V
9008	28064.44	49 26N	48 10E	76.2	189.8	2.170	-18.55	59.4	S0409	.07190	9.4492	0.6	F
9009	28069.84	49 26N	48 10E	75.8	189.8	2.170	-17.85	59.4	S0409	.07190	9.5900	0.6	A
9010	28079.84	48 19N	48 25E	72.9	189.7	2.385	-0.70	60.5	S0409	.07190	9.9445	0.4	F
9011	28085.04	48 19N	48 26E	72.9	189.6	2.385	0.35	60.5	S0409	.07190	9.9528	0.4	A
9012	28107.44	46 20N	47 54E	72.9	189.3	2.511	1.40	62.1	S0409	.07190	9.9528	0.6	F
9013	28112.64	46 20N	47 54E	72.9	189.3	2.511	2.10	62.1	S0409	.07190	9.9528	1.0	A
9014	28140.84	41 23N	46 29E	72.1	188.6	2.733	-3.15	65.8	S0409	.04090	10.0800	1.0	F
9015	28146.04	41 23N	46 29E	72.1	188.5	2.733	-2.45	65.8	S0409	.04090	10.0682	0.8	A
9016	28155.24	40 46N	46 19E	72.4	188.4	2.733	1.75	66.3	S0409	.04090	10.0105	0.8	A
9017	28300.84	33 8N	44 36E	73.3	187.7	2.872	4.55	70.8	S0409	.07190	9.9115	1.6	F
9018	28306.24	33 7N	44 36E	73.5	187.6	2.872	5.60	70.9	S0409	.07190	9.8538	1.6	A
9019	29171.04	26 0S	32 20E	120.8	187.2	3.211	-33.95	66.9	S0409	.05410	8.9040	0.6	A
9020	29194.84	27 5S	32 27E	108.7	187.3	3.211	-21.00	35.3	S0409	.05410	6.6214	0.8	V
9021	29198.84	27 5S	32 28E	109.9	187.3	3.211	-20.30	35.3	S0409	.05410	6.4730	0.6	A
612 5001	33118.04	66 40N	34 20E	79.1	196.4	1.332	-15.75	44.1	S0312	.05390	9.1271	0.4	F
5002	33120.84	66 40N	34 20E	78.2	196.3	1.332	-15.75	44.1	S0312	.05390	9.3662	0.4	V
5003	33207.24	60 44N	29 59E	84.4	193.2	1.332	-28.35	49.6	S0312	.03150	8.5582	0.6	F
5004	33216.04	60 4N	30 29E	76.1	193.0	1.687	-12.25	50.3	S0312	.04150	9.4316	0.8	F
5005	33221.04	59 40N	30 9E	77.2	192.8	1.687	-16.10	50.5	S0312	.04150	9.3497	0.4	F
5006	33226.64	59 40N	30 8E	77.0	192.7	1.687	-15.75	50.5	S0312	.04150	9.4239	0.4	A
5007	33230.24	59 39N	30 0E	77.1	192.6	1.687	-16.10	50.7	S0312	.04150	9.4322	0.8	A
5008	33235.24	58 47N	29 50E	75.9	192.5	1.687	-12.60	51.4	S0312	.04150	9.5311	0.8	F
5009	33240.84	58 46N	29 50E	75.7	192.3	1.687	-12.25	51.4	S0312	.04150	9.5371	0.6	A
5010	33247.64	56 21N	30 35E	87.1	191.7	2.033	29.40	53.9	S0312	.03150	8.3521	1.2	F
5011	33273.44	56 20N	30 35E	67.1	191.6	1.810	28.75	53.9	S0312	.03150	8.3556	1.4	A
5012	33366.24	49 40N	27 16E	75.9	190.0	2.385	14.00	59.5	S0312	.03150	9.5641	0.6	F
5013	33371.64	49 40N	27 17E	76.3	189.9	2.170	15.05	59.5	S0312	.03150	9.5229	0.6	A
5014	33465.44	43 17N	24 8E	76.5	188.8	2.385	-22.75	64.2	S0312	.03150	9.5848	0.6	V
5015	33476.84	42 24N	23 40E	81.5	188.7	2.170	-30.10	64.7	S0312	.03150	8.8550	0.4	F
5016	33478.44	42 24N	23 39E	80.6	188.7	2.170	-30.10	64.7	S0312	.03150	9.0859	0.4	V
5017	33483.44	41 52N	23 38E	79.4	188.6	2.385	-27.30	65.1	S0312	.03150	9.0941	0.6	F
5018	33489.04	41 50N	23 38E	79.1	188.5	2.385	-26.60	65.1	S0312	.03150	9.2094	0.6	A
5019	33537.44	38 0N	23 34E	72.6	188.2	2.733	2.10	68.1	S0312	.03150	10.0011	0.6	F
5020	33538.84	37 59N	23 32E	72.6	188.2	2.733	2.10	68.1	S0312	.03150	10.0011	0.4	F
5021	33544.04	37 59N	23 32E	72.7	188.1	2.733	2.80	68.1	S0312	.03150	9.9846	0.4	A
9001	33095.04	68 39N	37 49E	79.6	196.0	1.332	12.25	42.3	S0409	.07190	9.0952	0.8	F
9002	33090.64	69 40N	37 49E	79.5	197.7	1.332	12.60	42.3	S0409	.07190	9.1034	1.0	A
9003	33126.44	66 0N	34 43E	76.9	196.0	1.332	-0.70	44.8	S0409	.07190	9.4498	0.4	F
9004	33129.44	65 59N	34 42E	75.5	195.9	1.332	-0.70	44.8	S0409	.07190	9.6972	0.4	V
9005	33132.24	65 58N	34 42E	76.3	195.8	1.332	-0.35	44.8	S0409	.07190	9.4910	0.4	A
9006	33215.24	60 1N	30 31E	76.2	193.0	1.687	-12.25	50.2	S0409	.07190	9.4928	0.8	F
9007	33220.04	59 49N	30 11E	77.3	192.8	1.687	-16.10	50.5	S0409	.07190	9.3508	0.8	F
9008	33225.64	59 49N	30 10E	77.0	192.7	1.687	-15.75	50.5	S0409	.07190	9.4258	0.8	A
9009	33235.24	58 46N	29 50E	75.8	192.5	1.687	-12.60	51.4	S0409	.07190	9.5522	0.6	F
9010	33240.64	58 47N	29 50E	75.7	192.3	1.687	-12.25	51.4	S0409	.07190	9.5962	0.6	A
9011	33244.04	55 27N	28 35E	74.2	191.4	2.033	-8.05	54.4	S0409	.07190	9.7466	0.6	F
9012	33289.84	55 24N	28 45E	73.7	191.3	2.033	-2.45	54.5	S0409	.07190	9.8373	0.4	A
9013	33321.04	53 10N	27 41E	73.9	190.7	2.033	-4.10	56.3	S0409	.07190	9.8208	0.6	A
9014	33333.24	52 14N	27 50E	73.1	190.5	2.033	5.60	57.3	S0409	.07190	10.0352	0.6	V
9015	33366.04	49 46N	27 17E	76.0	190.0	2.385	14.00	59.5	S0409	.07190	9.5652	0.8	F
9016	33371.44	49 47N	27 17E	76.2	189.9	2.170	15.05	59.5	S0409	.07190	9.5240	0.8	A
9017	33431.44	45 24N	25 5E	73.1	189.2	2.385	-11.90	62.7	S0409	.04090	9.8951	0.8	F
9018	33433.04	45 17N	25 3E	73.2	189.1	2.385	-11.90	62.8	S0409	.04090	9.8786	0.6	F
9019	33437.44	44 59N	24 59E	73.2	189.1	2.385	-11.20	63.1	S0409	.04090	9.8868	0.8	F
9020	33442.64	44 59N	24 59E	73.0	189.0	2.385	-10.50	63.1	S0409	.04090	9.9445	1.0	A
9021	33444.84	44 59N	24 56E	73.0	189.0	2.385	-10.50	63.2	S0409	.04090	9.9363	0.6	A
9022	33450.64	44 0N	24 26E	76.5	189.0	2.385	-21.00	63.6	S0409	.07190	9.4498	0.8	F
9023	33456.04	44 7N	24 26E	76.2	189.9	2.385	-20.30	63.6	S0409	.07190	9.5405	0.8	A
9024	33470.04	43 8N	24 1PE	74.4	188.8	2.385	-16.10	64.4	S0409	.07190	9.7531	0.8	A
9025	33499.64	40 40N	23 3E	87.2	188.5	2.170	-35.70	65.7	S0409	.03090	8.2541	0.8	F
9026	33502.84	40 40N	23 3E	85.8	188.5	2.170	-35.35	65.7	S0409	.04090	8.5262	0.6	V
9027	33508.24	40 39N	22 58E	87.0	188.4	2.385	-35.70	65.9	S0409	.04090	8.3613	0.6	A
9028	33515.64	39 40N	22 29E	95.9	188.3	1.810	-42.35	66.3	S0409	.03090	7.4872	0.6	F
9029	33521.64	39 39N	22 28E	84.3	188.3	2.033	-32.55	66.8	S0409	.04090	8.5542	0.8	F
9030	33533.24	38 23N	23 34E	72.3	188.2	2.733	-0.35	67.9	S0409	.04090	10.0270	1.0	F
9031	34306.44	14 47S	14 33E	110.3	186.6	2.511	30.80	48.3	S0409	.05410	6.5637	1.2	V
615 5001	50187.63	11 40S	52 17W	91.1	186.6	3.439	-2.45	50.5	S0312	.03150	7.8656	0.8	A

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
615 5002	50228.43	14 35S	52 43W	93.3	186.6	3.439	0.00	48.0	S0312	.03150	7.6677	1.0	A
5003	50355.83	23 14S	54 6W	101.6	187.0	3.090	7.35	40.1	S0312	.03150	7.0081	1.0	A
5004	50360.23	24 3S	54 11W	102.1	187.0	3.090	8.40	39.4	S0312	.03150	7.0164	1.0	F
9001	50171.03	11 1S	53 7W	107.3	186.5	3.211	-35.35	50.6	S0409	.05410	6.6544	0.8	F
9002	50181.43	11 47S	52 22W	90.8	186.6	3.439	-6.30	50.4	S0409	.05410	7.9079	1.0	F
9003	50194.43	12 16S	51 51W	97.1	186.6	2.872	16.80	50.3	S0409	.05410	7.3388	1.0	A
9004	50200.63	13 43S	52 9W	96.3	186.6	3.090	14.00	49.0	S0409	.05410	7.4707	1.0	F
9005	50213.23	13 36S	52 15W	95.0	186.6	3.090	10.50	49.1	S0409	.05410	7.5057	0.8	A
9006	50221.43	14 3S	52 55W	93.4	186.6	3.574	-10.50	48.3	S0409	.05410	7.6604	0.8	A
9007	50233.23	14 54S	52 40W	94.1	186.6	3.211	3.85	47.7	S0409	.05410	7.5362	0.8	A
9008	50239.03	15 19S	52 30W	97.3	186.7	3.090	12.60	47.5	S0409	.05410	7.3223	0.8	A
9009	50247.03	15 53S	52 14W	105.5	186.7	2.511	24.15	47.2	S0409	.05410	6.7368	0.8	A
9010	50276.43	18 21S	53 1W	98.9	186.6	3.090	12.25	44.7	S0409	.05410	7.2563	1.0	F
9011	50283.63	18 50S	53 10W	98.5	186.8	3.090	10.15	44.2	S0409	.05410	7.2393	1.0	F
9012	50288.43	19 1S	52 60W	101.3	186.8	2.872	17.15	44.2	S0409	.05410	7.1409	0.8	V
9013	50293.43	19 31S	53 11W	100.5	186.8	3.090	13.30	43.7	S0409	.05410	7.1409	1.0	F
9014	50298.43	19 51S	53 20W	99.6	186.9	3.090	10.85	43.3	S0409	.05410	7.1986	1.0	F
9015	50306.43	19 55S	53 11W	103.3	186.9	2.733	16.80	43.3	S0409	.05410	6.8770	0.8	A
9016	50325.63	21 16S	53 23W	105.1	186.9	2.733	17.85	42.2	S0409	.05410	6.7533	1.0	A
9017	50346.43	23 12S	53 29W	111.2	187.0	2.733	23.80	40.4	S0409	.05410	6.4482	1.0	F
9018	50349.23	24 3S	54 57W	102.6	187.0	3.439	-14.35	39.0	S0409	.05410	6.9512	1.0	A
9019	50371.83	24 15S	54 59W	102.7	187.1	3.439	-14.35	38.9	S0409	.05410	6.9547	1.2	A
9020	50382.43	25 26S	55 59W	119.6	187.1	3.090	-34.65	37.4	S0409	.05410	5.9452	1.0	F
9021	50565.43	37 43S	57 25W	111.1	188.1	2.733	-0.35	26.3	S0409	.07190	6.4565	0.4	V
9022	50570.63	37 43S	57 25W	112.8	188.1	2.733	0.35	26.4	S0409	.07190	6.2586	0.4	A
616 9001	55147.62	11 27N	69 40W	87.5	186.8	2.872	24.15	69.3	S0409	.05410	8.3118	1.0	F
9002	55153.22	9 16N	70 13W	82.8	186.5	3.090	18.20	67.8	S0409	.05410	8.8313	1.0	V
9003	55158.22	8 40N	70 13W	87.3	186.5	3.090	22.05	67.5	S0409	.05410	8.3201	1.0	F
9004	55209.42	7 15N	70 45W	82.0	186.5	3.211	10.85	66.3	S0409	.05410	8.8396	0.8	F
9005	55214.02	7 6N	70 44W	82.1	186.5	3.211	12.95	66.2	S0409	.05410	8.9055	1.4	V
9006	55224.82	6 29N	71 45W	85.1	186.5	3.439	-24.85	65.1	S0409	.05410	8.5839	0.8	V
9007	55233.82	6 1N	71 21W	80.4	186.4	3.574	-4.55	65.1	S0409	.05410	8.9715	1.0	A
9008	55242.02	5 29N	71 39W	81.9	186.4	3.574	-13.30	64.6	S0409	.05410	8.8148	1.0	A
9009	55405.02	12 3S	75 12W	100.4	186.6	3.439	-29.05	49.8	S0409	.03090	7.2316	0.6	V
9010	55408.62	12 3S	75 12W	101.5	186.6	3.439	-29.70	49.8	S0409	.03090	7.0852	0.6	A
618 5001	65426.82	34 17N	110 1W	71.3	187.8	2.872	0.35	70.3	S0312	.03150	10.1660	0.6	F
5002	65431.82	34 17N	110 1W	71.5	187.7	2.872	1.05	70.3	S0312	.03150	10.1495	0.8	A
9001	65426.82	34 16N	110 1W	71.3	187.8	2.872	0.35	70.3	S0409	.05410	10.1672	0.6	F
9002	65431.82	34 17N	110 1W	71.4	187.7	2.872	1.05	70.3	S0409	.05410	10.1507	0.6	A
9003	65481.02	30 50N	109 59W	85.3	187.5	2.385	29.75	72.3	S0409	.05410	8.4520	1.0	A
623 5001	53B4.20	47 19N	142 47E	72.5	189.5	2.511	0.70	61.5	S0312	.03150	9.9928	0.6	F
5002	5398.21	46 42N	142 49E	73.7	189.3	2.511	8.40	62.0	S0312	.03150	9.8509	0.4	A
5003	5405.21	46 05N	142 6E	72.6	189.2	2.511	-8.05	62.5	S0312	.03150	9.9763	0.4	F
5004	5410.40	45 50N	142 6E	72.6	189.2	2.511	-7.35	62.5	S0312	.03150	10.0176	0.4	A
9001	53B4.41	47 18N	142 47E	72.5	189.5	2.511	0.70	61.5	S0409	.05410	9.9940	0.8	F
9002	5399.60	47 18N	142 47E	72.6	189.4	2.511	1.40	61.5	S0409	.05410	10.0023	1.0	A
9003	5405.00	46 05N	142 6E	72.7	189.3	2.511	-8.05	62.5	S0409	.05410	9.9775	0.4	F
9004	5410.20	45 53N	142 6E	72.5	189.2	2.511	-7.35	62.5	S0409	.05410	10.0187	0.4	A
624 5001	10564.80	56 50N	124 54E	77.6	191.8	2.033	18.20	53.4	S0312	.03150	9.4447	0.8	V
5002	10582.00	55 16N	124 44E	88.4	191.2	1.810	31.50	55.1	S0312	.02260	8.2114	0.6	A
5003	10738.00	44 34N	120 39E	82.2	189.0	2.170	26.25	63.9	S0312	.03150	8.8303	0.6	A
5004	10788.80	40 45N	119 8E	74.3	188.5	2.733	11.90	66.5	S0312	.03150	9.7785	0.6	F
5005	10794.20	40 45N	119 8E	74.6	188.4	2.733	12.60	66.6	S0312	.03150	9.7207	0.6	A
9001	10768.80	42 12N	118 51E	72.8	188.7	2.733	-11.90	65.2	S0409	.05410	9.9445	0.8	F
9002	10774.00	42 12N	118 51E	72.6	188.6	2.733	-10.85	65.2	S0409	.05410	10.0105	0.8	A
9003	10782.80	41 30N	119 34E	77.9	188.6	2.511	20.30	66.1	S0409	.05410	9.2849	1.0	A
9004	10883.60	34 16N	117 15E	72.4	187.9	2.872	0.35	70.3	S0409	.05410	10.0187	0.8	F
9005	10888.80	34 16N	117 15E	72.5	187.7	2.872	1.05	70.3	S0409	.05410	10.0023	0.8	A
625 5001	16106.60	40 15N	97 22E	81.4	188.4	2.385	27.30	67.1	S0312	.02260	9.0199	0.6	V
5002	16109.60	40 15N	97 22E	82.7	188.4	2.385	27.65	67.1	S0312	.02260	8.7561	0.6	A
5003	16143.80	37 58N	95 43E	70.4	188.1	2.872	-7.35	68.3	S0312	.03150	10.2897	0.6	F
5004	16148.80	37 58N	95 43E	70.5	188.1	2.872	-6.65	68.3	S0312	.03150	10.3144	0.8	A
9001	16100.40	40 29N	97 21E	80.5	188.5	2.511	24.85	66.9	S0409	.05410	9.0375	0.8	F
9002	16262.20	29 51N	93 50E	72.2	187.4	3.090	-12.95	71.9	S0409	.05410	10.0600	0.4	A
626 5001	21296.20	53 1N	78 39E	74.4	190.7	2.170	8.75	56.8	S0312	.03150	9.7455	0.6	F
5002	21231.60	53 1N	78 39E	74.6	190.6	2.170	9.45	56.8	S0312	.03150	9.7290	0.6	A
5003	21257.60	50 47N	78 30E	83.0	190.2	2.170	26.25	58.9	S0312	.03150	8.7726	0.4	F
5004	21260.60	50 47N	78 30E	82.3	190.2	2.170	26.60	58.9	S0312	.03150	8.9292	0.4	V
5005	21323.00	46 53N	75 24E	79.1	189.3	2.385	-26.25	61.5	S0312	.02260	9.1931	0.8	A
5006	21380.60	42 49N	73 51E	87.8	188.7	2.033	-37.80	64.4	S0312	.02260	8.3438	0.4	V
5007	21383.80	42 49N	73 51E	88.5	188.7	2.033	-37.45	64.4	S0312	.02260	8.2284	0.8	A

Handle via
BYEMAN Channels
BYE-8915/84

Approved for Release: 2021/01/22 C05132886

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
626 5008	21507.80	33 46N	72 50E	72.1	187.7	3.090	-3.15	70.5	S0312	.03150	10.0588	0.6	F
5009	21513.00	33 46N	72 50E	72.2	187.7	3.090	-2.10	70.5	S0312	.03150	10.0588	0.6	A
5010	21559.80	30 14N	71 25E	80.1	187.4	2.733	-27.30	71.4	S0312	.02260	9.0117	0.6	F
5011	21563.20	30 12N	71 25E	78.9	187.4	2.733	-26.60	71.5	S0312	.02260	9.2920	0.4	V
5012	21566.00	30 12N	71 25E	79.7	187.4	2.733	-26.25	71.5	S0312	.02260	9.1354	0.4	A
9001	21023.80	66 37N	86 12E	77.8	196.5	1.476	9.80	44.4	S0409	.05410	9.3013	0.8	F
9002	21029.20	66 37N	86 13E	77.8	196.2	1.332	10.50	44.4	S0409	.05410	9.3013	1.0	A
9003	21265.80	50 14N	78 23E	84.6	190.1	2.170	28.35	59.4	S0409	.05410	8.6004	0.6	F
9004	21268.80	50 12N	78 23E	83.9	190.1	2.170	28.70	59.4	S0409	.05410	8.7571	0.6	V
9005	21272.00	50 12N	78 23E	85.2	190.0	2.170	29.05	59.4	S0409	.05410	8.5015	0.6	A
9006	21364.60	43 56N	75 14E	71.8	188.9	2.733	-3.50	64.3	S0409	.05410	10.0930	0.6	F
9007	21369.80	43 56N	75 14E	71.7	188.8	2.733	-2.45	64.3	S0409	.05410	10.1095	0.4	A
9008	21533.60	31 57N	72 43E	73.9	187.6	3.090	8.40	71.5	S0409	.05410	9.8208	0.4	F
9009	21538.80	31 57N	72 43E	74.2	187.5	2.872	9.45	71.5	S0409	.05410	9.7631	0.6	A
9010	21603.80	27 6N	71 42E	74.9	187.2	3.090	8.75	72.9	S0409	.07190	9.6389	1.0	F
9011	21609.20	27 6N	71 43E	75.3	187.2	3.090	9.80	73.0	S0409	.07190	9.5982	1.0	A
627 5001	26507.39	54 54N	56 6E	78.1	191.2	1.810	-21.70	54.9	S0312	.03150	9.2425	1.0	F
5002	26514.19	54 50N	56 4E	77.8	191.1	2.033	-21.35	55.0	S0312	.03150	9.3415	0.6	A
5003	26562.59	51 48N	55 17E	74.5	190.4	2.170	-14.00	57.7	S0312	.04150	9.7125	0.6	F
5004	26568.19	51 47N	54 47E	78.5	190.3	2.033	-23.80	57.9	S0312	.03150	9.2096	0.8	F
5005	26567.79	51 47N	54 47E	78.2	190.2	2.170	-23.45	57.9	S0312	.03150	9.2920	0.8	A
5006	27081.39	15 24N	46 54E	76.8	186.7	3.439	-11.55	70.6	S0312	.03150	9.4157	0.6	F
5007	27086.99	15 24N	46 54E	76.9	186.6	3.439	-10.50	70.6	S0312	.03150	9.4239	0.6	A
5008	27094.79	14 41N	46 40E	77.1	186.6	3.439	-15.40	70.2	S0312	.03150	9.4981	0.6	V
5009	27100.19	14 39N	46 39E	80.4	186.6	3.439	-21.00	70.0	S0312	.03150	9.0199	0.6	A
5010	27167.79	9 40N	45 33E	82.9	186.5	3.211	-23.80	67.2	S0312	.03150	8.8138	1.0	V
5011	27203.39	6 59N	45 20E	81.2	186.5	3.439	-14.35	65.6	S0312	.03150	8.8880	0.6	F
5012	27209.19	6 59N	45 21E	81.2	186.5	3.574	-13.30	65.6	S0312	.03150	8.9045	0.6	A
5013	27223.19	5 56N	45 19E	80.7	186.5	3.439	-8.40	64.7	S0312	.03150	8.9457	0.6	F
5014	27226.19	5 56N	45 19E	79.9	186.4	3.439	-7.70	64.7	S0312	.03150	9.1436	0.6	V
5015	27235.19	5 55N	44 41E	88.3	186.4	3.439	-26.60	64.1	S0312	.03150	8.1954	0.6	A
9001	26310.99	67 60N	64 45E	76.6	197.4	1.332	1.05	43.1	S0409	.05410	9.4415	0.4	F
9002	26313.79	67 59N	64 45E	75.6	197.3	1.332	1.40	43.1	S0409	.05410	9.6807	0.4	V
9003	26316.59	67 59N	64 44E	76.4	197.1	1.332	1.40	43.1	S0409	.07190	9.4745	0.4	A
9004	26322.39	67 59N	63 30E	77.2	196.9	1.332	-9.80	43.7	S0409	.05410	9.3508	0.6	F
9005	26327.99	67 58N	63 31E	76.9	196.8	1.332	-9.10	43.7	S0409	.05410	9.4168	0.8	A
9006	26508.59	54 49N	56 4E	78.2	191.2	1.810	-21.70	55.0	S0409	.07190	9.2436	0.6	F
9007	26514.19	54 49N	56 4E	77.9	191.1	2.033	-21.35	55.0	S0409	.07190	9.3426	0.6	A
9008	26524.19	53 44N	55 58E	74.9	190.9	2.033	-14.00	56.0	S0409	.07190	9.6559	1.0	F
9009	26529.59	53 44N	55 59E	74.5	190.8	2.170	-13.30	56.0	S0409	.07190	9.7301	0.8	A
9010	26537.59	52 48N	55 48E	73.7	190.7	2.170	-9.80	56.8	S0409	.07190	9.8208	0.6	F
9011	26542.99	52 48N	55 48E	73.4	190.6	2.170	-9.10	56.9	S0409	.07190	9.8786	0.6	A
9012	26558.19	51 47N	54 47E	78.5	190.3	2.033	-23.80	57.9	S0409	.07190	9.2106	0.8	F
9013	26563.79	51 47N	54 47E	78.2	190.2	2.170	-23.45	57.9	S0409	.07190	9.2931	0.8	A
9014	26605.79	48 10N	54 1E	75.0	189.5	2.170	-16.80	60.6	S0409	.07190	9.6394	0.8	F
9015	26611.19	48 10N	54 0E	74.8	189.5	2.385	-16.45	60.6	S0409	.07190	9.7136	0.8	A
9016	26721.39	40 5N	53 1E	81.1	188.4	2.511	24.50	67.2	S0409	.04090	8.9797	0.6	F
9017	26727.19	40 5N	53 1E	81.6	188.4	2.385	25.20	67.2	S0409	.04090	8.8561	0.8	A
9018	26785.59	35 49N	51 24E	72.4	187.9	2.872	5.95	69.6	S0409	.05410	10.0352	0.6	F
9019	26790.79	35 49N	51 24E	72.6	187.9	2.872	6.65	69.6	S0409	.05410	9.9858	0.8	A
9020	26876.19	29 52N	50 17E	76.3	187.4	2.872	14.00	72.4	S0409	.05410	9.4745	0.8	A
9021	26898.99	28 2N	48 47E	82.7	187.3	2.733	-30.10	71.9	S0409	.05410	8.7241	0.8	F
9022	26904.59	27 59N	48 50E	77.3	187.2	3.090	-21.35	72.2	S0409	.05410	9.3508	0.8	F
9023	26911.79	27 59N	49 24E	75.6	187.2	3.090	1.05	72.8	S0409	.07190	9.8621	0.6	F
9024	26918.19	26 59N	49 43E	77.4	187.2	2.872	15.40	73.1	S0409	.05410	9.3343	0.8	A
9025	26932.99	26 57N	49 36E	79.4	187.1	2.872	18.90	73.3	S0409	.05410	9.0952	1.0	A
9026	27056.59	17 54N	47 8E	77.7	186.7	3.439	-16.80	71.3	S0409	.05410	9.3178	1.2	A
9027	27065.19	16 27N	47 36E	77.9	186.7	3.211	10.50	71.5	S0409	.05410	9.3178	1.0	F
9028	27172.59	9 52N	45 34E	83.2	186.5	3.439	-22.40	67.1	S0409	.04090	8.6994	0.6	A
9029	27202.99	7 4N	45 21E	81.2	186.5	3.439	-14.35	65.6	S0409	.04090	8.8090	1.0	F
628 5001	31623.99	67 42N	40 59E	81.3	197.1	1.113	-21.00	43.3	S0312	.04150	8.8715	0.4	F
5002	31626.99	67 42N	40 59E	80.1	197.0	1.113	-20.65	43.3	S0312	.04150	9.1271	0.4	V
5003	31637.19	67 40N	41 15E	76.9	196.5	1.332	-9.45	43.9	S0312	.04150	9.4404	0.4	A
5004	31668.99	64 36N	39 48E	75.5	195.1	1.476	-2.10	46.3	S0312	.04150	9.5723	0.6	F
5005	31674.39	64 36N	39 49E	75.4	194.9	1.476	-1.40	46.3	S0312	.04150	9.6136	0.6	A
5006	31782.79	56 50N	35 57E	74.4	191.8	2.033	6.30	53.4	S0312	.04150	9.7455	0.6	F
5007	31788.19	56 54N	35 57E	74.6	191.7	2.033	7.00	53.4	S0312	.04150	9.7290	0.6	A
5008	31794.59	56 2N	36 8E	79.3	191.6	2.033	19.95	54.3	S0312	.03150	9.1601	0.6	F
5009	31802.39	55 54N	35 51E	78.4	191.4	2.033	18.55	54.7	S0312	.03150	9.2590	0.6	F
5010	31807.99	55 54N	35 51E	78.8	191.3	2.033	19.25	54.7	S0312	.03150	9.2043	0.6	A
5011	31832.79	53 59N	33 59E	73.6	190.9	2.170	-9.45	56.2	S0312	.04150	9.8362	0.4	F
5012	31834.19	53 59N	33 57E	73.7	190.8	2.170	-9.45	56.3	S0312	.04150	9.8197	0.4	F
5013	31838.19	53 54N	33 60E	73.5	190.8	2.170	-8.40	56.2	S0312	.04150	9.8956	0.4	A
5014	31839.39	53 49N	33 58E	73.6	190.7	2.170	-8.40	56.3	S0312	.04150	9.8774	0.6	A
5015	31859.99	51 42N	33 31E	72.9	190.4	2.170	-3.15	57.9	S0312	.04150	9.9599	1.6	F
5016	31865.19	51 42N	33 31E	72.8	190.3	2.170	-2.45	57.9	S0312	.04150	9.9681	1.6	A
5017	31871.59	50 51N	33 42E	74.6	190.2	2.386	10.50	58.7	S0312	.03150	9.7372	0.4	F
5018	31876.99	50 51N	33 42E	74.9	190.1	2.170	11.55	58.7	S0312	.03150	9.6960	0.4	A
5019	31928.79	47 0N	32 1E	72.3	189.4	2.511	-2.45	61.7	S0312	.04150	10.0258	0.6	F
5020	31933.99	47 0N	32 1E	72.4	189.4	2.511	-1.75	61.7	S0312	.04150	10.0341	0.6	A
5021	31936.19	46 51N	31 58E	72.4	189.4	2.511	-1.75	61.9	S0312	.04150	10.0341	0.6	A
5022	32739.39	8 10S	19 43E	111.1	186.5	3.211	-39.55	52.8	S0312	.02260	6.4987	1.4	A

Handle via
BYEMAN Channels
BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
628 9001	31626.99	67 41N	40 59E	80.1	197.0	1.113	-20.65	43.3	S0409	.07190	9.1282	0.4	V
9002	31629.79	67 42N	40 58E	81.0	196.3	1.332	-21.00	43.3	S0409	.07190	8.9386	0.4	A
9003	31668.79	64 07N	39 49E	75.5	195.2	1.475	-2.10	46.3	S0409	.07190	9.5735	1.2	F
9004	31674.19	64 07N	39 49E	75.4	194.9	1.475	-1.40	46.3	S0409	.07190	9.6147	1.2	A
9005	31690.99	62 55N	40 36E	90.5	194.4	1.687	31.85	48.1	S0409	.07190	8.0282	0.6	F
9006	31694.19	62 53N	40 35E	89.5	194.2	1.475	32.20	48.1	S0409	.07190	8.2046	0.6	V
9007	31697.59	62 52N	40 35E	90.6	194.1	1.475	32.55	48.1	S0409	.07190	7.9737	0.6	A
9008	31769.59	57 49N	36 39E	76.7	192.1	2.033	13.65	52.7	S0409	.07190	9.4496	0.8	F
9009	31775.19	57 49N	36 40E	77.0	192.0	1.810	14.70	52.7	S0409	.07190	9.4085	0.8	A
9010	31782.79	56 54N	35 57E	74.5	191.8	2.033	6.30	53.4	S0409	.07190	9.7466	0.6	F
9011	31788.19	56 54N	35 57E	74.6	191.7	2.033	7.00	53.4	S0409	.07190	9.7301	0.4	A
9012	31822.59	54 18N	34 23E	73.3	191.0	2.170	-5.60	55.6	S0409	.07190	9.8703	0.8	F
9013	31827.79	54 18N	34 23E	73.2	190.9	2.170	-4.90	55.6	S0409	.07190	9.9115	1.0	A
9014	31866.19	51 00N	33 30E	72.7	190.3	2.170	-2.45	57.9	S0409	.07190	9.9693	0.6	A
9015	31906.19	48 03N	32 28E	72.4	189.7	2.385	-3.15	60.5	S0409	.07190	10.0023	0.4	F
9016	31911.39	48 03N	32 28E	72.4	189.7	2.385	-2.45	60.5	S0409	.07190	10.0187	0.4	A
9017	31928.79	46 00N	32 1E	72.4	189.4	2.511	-2.45	61.7	S0409	.09670	10.0270	0.6	F
9018	31933.99	46 00N	32 1E	72.3	189.4	2.511	-1.75	61.7	S0409	.09670	10.0352	0.6	A
9019	32176.59	30 18N	23 35E	82.8	187.4	2.511	25.55	72.5	S0409	.05410	8.7241	1.0	A
9020	32721.39	7 18S	20 11E	99.5	186.5	3.211	-31.85	53.8	S0409	.04090	7.2893	1.4	V
629 5001	37134.19	53 49N	12 33E	74.0	190.9	2.170	6.65	56.1	S0312	.04150	9.6114	0.6	F
5002	37139.59	53 49N	12 33E	74.1	190.8	2.170	7.35	56.1	S0312	.04150	9.7450	0.4	A
5003	37179.59	50 44N	11 19E	73.0	190.2	2.385	3.85	58.7	S0312	.04150	9.9434	0.6	F
5004	37184.79	50 44N	11 20E	73.2	190.1	2.170	4.90	58.7	S0312	.04150	9.9269	0.6	A
5005	37215.59	48 49N	9 14E	87.1	189.7	2.033	-35.35	59.9	S0312	.03150	8.3521	0.6	A
5006	37383.19	36 05N	7 47E	76.2	188.0	2.511	17.85	69.2	S0312	.04150	9.6683	0.6	V
5007	37386.19	36 04N	7 46E	77.2	188.0	2.511	17.85	69.2	S0312	.03150	9.3992	0.4	A
5008	37395.19	36 11N	6 42E	73.0	187.9	2.733	-15.75	69.1	S0312	.03150	10.0505	0.6	V
5009	37692.59	15 04N	2 26E	81.7	186.7	3.211	-23.80	70.5	S0312	.01710	8.8715	0.4	A
5010	37723.79	13 03N	2 9E	80.5	186.6	3.211	-21.70	69.4	S0312	.03150	9.0776	0.6	V
5011	37726.79	13 02N	2 9E	81.3	186.6	3.439	-21.35	69.5	S0312	.03150	8.9210	0.6	A
631 5001	48661.18	9 0S	45 56W	90.2	186.5	3.574	-15.75	52.5	S0312	.03150	8.0470	0.8	V
5002	48713.78	12 04S	46 26W	91.8	186.6	3.439	-8.75	49.2	S0312	.03150	7.6244	0.4	F
5003	48718.18	12 05S	46 23W	90.7	186.6	3.439	-6.30	49.2	S0312	.03150	7.9493	1.0	V
5004	48724.18	13 07S	46 32W	92.2	186.6	3.439	-6.05	48.6	S0312	.03150	7.7862	1.0	F
5005	48729.38	13 29S	46 43W	94.2	186.6	3.439	-14.35	48.6	S0312	.03150	7.6183	1.0	A
5006	48738.18	14 20S	46 52W	93.6	186.6	3.439	-14.70	47.8	S0312	.03150	7.7584	0.8	V
5007	48743.18	14 41S	46 49W	92.6	186.6	3.439	-10.50	47.6	S0312	.03150	7.8326	0.8	V
5008	48770.78	16 06S	46 13W	105.1	186.7	2.733	23.10	46.0	S0312	.03150	6.8515	0.8	F
5009	48779.58	17 10S	46 52W	94.3	186.7	3.211	3.85	45.5	S0312	.04150	7.6760	1.0	V
5010	48798.18	18 7S	47 56W	103.2	186.8	3.574	-25.20	44.2	S0312	.03150	6.9587	0.8	A
5011	48818.58	20 0S	47 17W	95.5	186.8	3.090	7.70	42.9	S0312	.03150	7.2385	1.0	F
5012	48828.58	20 04S	47 22W	97.8	186.9	3.090	7.70	42.5	S0312	.03150	7.3874	0.8	V
5013	48833.38	21 05S	46 54W	112.3	186.9	2.511	25.60	41.8	S0312	.03150	6.5815	1.0	F
5014	48844.98	21 06S	47 24W	103.2	186.9	2.733	14.35	41.3	S0312	.03150	6.9504	0.6	F
5015	48846.58	21 06S	47 20W	103.7	186.9	2.733	17.15	41.3	S0312	.03150	6.9669	0.4	V
5016	48865.38	21 57S	47 20W	105.5	186.9	2.733	17.50	41.3	S0312	.03150	6.7361	1.0	A
5017	48858.78	22 09S	47 8W	114.1	186.9	2.511	26.95	40.5	S0312	.03150	6.2991	1.0	F
5018	48865.58	22 02S	47 4W	116.9	187.0	2.170	29.05	40.7	S0312	.03150	6.0765	0.6	A
5019	48871.18	23 15S	47 18W	112.7	187.0	2.385	24.85	40.2	S0312	.03150	6.2991	0.6	A
5020	48901.58	25 40S	49 16W	106.9	187.1	3.211	-21.70	37.5	S0312	.03150	6.8020	0.4	V
5021	48916.18	26 0S	49 47W	116.0	187.2	3.439	-31.15	36.7	S0312	.03150	6.1589	0.6	A
9001	48642.58	7 00S	46 3W	97.6	186.5	3.574	-28.35	53.7	S0409	.05410	7.3685	1.0	A
9002	48733.78	13 47S	46 51W	95.4	186.6	3.439	-17.15	48.3	S0409	.05410	7.5037	1.0	A
9003	48812.98	19 32S	46 58W	100.0	186.8	2.872	14.70	43.5	S0409	.05410	7.2234	1.0	V
9004	48882.78	23 54S	48 52W	104.2	187.0	3.439	-14.90	39.0	S0409	.05410	6.8358	1.2	A
632 9001	54072.78	16 14S	69 18W	94.0	186.7	3.574	-13.65	46.1	S0409	.05410	7.6109	1.2	A
633 5001	58959.58	12 0N	86 14W	77.0	186.6	3.439	-8.05	68.9	S0312	.03150	9.4981	0.4	V
5002	58962.38	12 0N	86 14W	78.0	186.6	3.439	-7.70	68.9	S0312	.03150	9.2755	0.6	A
9001	58955.78	12 10N	86 10W	77.6	186.6	3.439	-6.30	69.0	S0409	.05410	9.3178	0.8	F
634 5001	63923.77	35 13N	103 36W	71.5	187.9	2.872	-0.35	69.9	S0312	.03150	10.1660	0.8	F
5002	63928.97	35 12N	103 36W	71.7	187.8	2.872	0.70	69.9	S0312	.03150	10.1412	0.6	A
5003	64018.77	29 44N	105 57W	86.3	187.3	2.511	-39.35	71.7	S0312	.03150	8.3521	0.8	F
9001	63923.77	35 12N	103 36W	71.5	187.9	2.872	-0.35	69.9	S0409	.07190	10.1672	0.6	F
9002	63928.97	35 12N	103 36W	71.6	187.8	2.872	0.70	69.9	S0409	.07190	10.1424	0.6	A
9003	64029.57	27 50N	105 24W	73.0	187.3	3.090	-10.50	72.4	S0409	.07190	9.9280	0.8	F
9004	64035.17	27 42N	105 9W	71.9	187.2	3.090	2.45	72.7	S0409	.07190	10.2002	0.6	V
9005	64038.37	27 18N	105 12W	72.9	187.2	3.090	3.15	72.8	S0409	.07190	9.9610	0.8	F
9006	64045.57	27 0N	105 24W	71.5	187.2	3.090	-4.55	72.7	S0409	.07190	10.2579	0.8	V
9007	64051.17	26 47N	105 25W	72.6	187.2	3.090	-0.35	72.8	S0409	.07190	9.9940	0.8	A
638 5001	84725.16	64 40N	177 55E	80.0	195.2	1.113	-19.25	46.1	S0312	.04150	9.0117	0.6	F
5002	84730.96	64 40N	177 54E	79.9	195.0	1.332	-19.25	46.1	S0312	.04150	9.0341	0.6	A
9001	84730.96	64 47N	177 54E	79.8	195.0	1.332	-19.25	46.2	S0409	.07190	9.0952	0.6	A

Handle via
8YEMAN Channels
8YE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
639 5001	3914.56	45 30N	149 26E	84.0	189.2	2.385	28.00	63.3	S0312	.0226U	8.6654	0.4	F
5002	3917.56	45 30N	149 26E	83.5	189.2	2.170	28.70	63.3	S0312	.0226U	8.8056	0.4	V
640 5001	9327.56	39 05N	124 35E	72.4	188.2	2.872	3.15	68.0	S0312	.0315U	10.0341	0.6	F
9001	9307.36	39 50N	125 45E	86.1	188.4	2.385	30.45	67.6	S0409	.0409U	8.4520	0.6	F
9002	9310.56	39 50N	125 45E	85.5	188.4	2.385	30.80	67.6	S0409	.0409U	8.5922	0.6	V
9003	9313.56	39 50N	125 46E	87.0	188.4	2.170	31.50	67.6	S0409	.0409U	8.3201	0.6	A
641 5001	14234.95	65 50N	112 21E	79.9	195.9	1.113	-18.90	45.1	S0312	.0415U	9.0282	0.4	F
5002	14237.75	65 57N	112 21E	78.8	195.8	1.332	-18.90	45.1	S0312	.0415U	9.2658	0.4	V
5003	14436.75	52 6N	107 17E	81.5	190.5	2.170	24.50	57.9	S0312	.0226U	8.9375	0.4	F
5004	14441.75	51 50N	107 32E	87.0	190.4	2.033	31.85	58.1	S0312	.0315U	8.4428	0.6	V
5005	14444.95	51 50N	107 33E	88.5	190.4	1.810	32.55	58.1	S0312	.0315U	8.1954	0.6	A
5006	14454.35	51 41N	106 28E	74.8	190.2	2.170	11.55	58.4	S0312	.0315U	9.7043	0.6	A
5007	14463.95	50 42N	106 5E	73.6	190.1	2.385	7.35	58.9	S0312	.0315U	9.8527	0.4	A
5008	14468.15	50 24N	106 8E	74.8	190.0	2.170	11.90	59.2	S0312	.0315U	9.7125	0.6	A
5009	14474.15	49 20N	105 60E	76.4	189.9	2.385	16.10	60.0	S0312	.0315U	9.5146	0.4	F
5010	14481.55	49 29N	105 58E	76.2	189.8	2.170	16.10	60.0	S0312	.0315U	9.5229	0.6	A
5011	14567.35	43 30N	104 26E	80.7	188.8	2.170	25.20	64.8	S0312	.0226U	8.9952	0.4	A
5012	14626.15	39 19N	102 2E	74.2	188.3	2.733	-18.90	67.2	S0312	.0315U	9.7620	0.6	F
5013	14631.75	39 7N	101 53E	75.0	188.3	2.511	-22.05	67.3	S0312	.0315U	9.7785	0.6	V
5014	14639.75	38 54N	102 13E	70.6	188.2	2.733	-8.25	67.9	S0312	.0315U	10.4051	0.6	V
5015	14656.55	37 24N	101 38E	72.2	188.1	2.733	-17.15	68.4	S0312	.0315U	10.1660	0.6	V
5016	14678.35	36 9N	100 55E	80.5	187.9	2.733	-30.80	68.9	S0312	.0315U	9.0329	0.6	A
5017	14706.75	34 1N	102 4E	82.6	187.7	2.385	28.70	71.1	S0312	.0315U	8.7561	0.4	A
9001	14230.75	66 24N	112 39E	79.2	196.1	1.113	-19.25	44.7	S0409	.0719U	9.2271	1.2	V
9002	14237.75	65 50N	112 21E	78.8	195.8	1.332	-18.90	45.1	S0409	.0719U	9.2849	0.4	V
9003	14240.55	65 57N	112 21E	79.7	195.7	1.332	-18.90	45.1	S0409	.0719U	9.0952	0.4	A
9004	14461.15	50 40N	106 5E	72.6	190.1	2.385	7.00	58.9	S0409	.0541U	10.1012	0.4	V
9005	14463.95	50 42N	106 5E	73.6	190.1	2.385	7.35	58.9	S0409	.0541U	9.8558	0.4	A
9006	14467.75	50 26N	106 9E	74.7	190.0	2.170	11.90	59.2	S0409	.0719U	9.7136	0.8	A
9007	14645.95	38 2N	102 35E	73.1	188.1	2.733	12.60	68.5	S0409	.0541U	10.0352	1.2	V
9008	14662.15	36 54N	101 7E	80.1	188.0	2.511	-30.45	68.5	S0409	.0541U	9.0127	0.6	F
9009	14667.75	36 52N	101 6E	79.7	188.0	2.733	-30.10	68.5	S0409	.0541U	9.1282	0.8	A
9010	14804.95	27 20N	99 38E	72.8	187.2	3.211	-9.80	72.6	S0409	.0409U	9.9610	0.4	A
642 5001	19605.95	61 37N	90 1E	86.4	193.6	1.687	29.05	49.4	S0312	.0315U	8.4340	0.6	V
5002	19676.15	56 50N	85 39E	75.0	191.8	1.810	-12.25	53.4	S0312	.0415U	9.6501	1.4	F
5003	19682.75	56 50N	85 6E	78.3	191.7	1.810	-21.35	53.7	S0312	.0415U	9.2178	0.8	F
5004	19688.35	56 30N	85 6E	78.0	191.6	1.810	-20.65	53.7	S0312	.0315U	9.3167	0.8	A
5005	19693.35	55 48N	84 55E	76.9	191.4	1.810	-18.55	54.4	S0312	.0415U	9.3992	1.2	F
5006	19698.95	55 48N	84 55E	76.6	191.3	2.033	-18.20	54.4	S0312	.0415U	9.4899	1.2	A
5007	19734.55	52 42N	85 6E	78.3	190.5	2.170	18.90	57.5	S0312	.0315U	9.2838	0.6	F
5008	19744.15	52 24N	85 6E	78.7	190.5	2.033	19.60	57.5	S0312	.0315U	9.2260	0.6	A
5009	19789.95	49 13N	82 0E	85.8	189.3	1.810	-33.95	59.7	S0312	.0315U	8.4015	0.6	F
5010	19793.15	49 13N	82 0E	84.5	189.3	1.810	-33.60	59.7	S0312	.0315U	8.6654	0.4	V
5011	19797.55	49 0N	81 54E	87.0	189.2	2.033	-35.35	59.8	S0312	.0315U	8.3768	0.4	A
5012	19825.15	46 42N	83 36E	89.0	189.4	2.170	33.25	62.6	S0312	.0226U	8.1707	0.6	F
5013	19831.75	46 12N	82 49E	75.7	189.3	2.385	15.75	62.7	S0312	.0315U	9.6136	0.4	F
5014	19900.55	41 50N	81 50E	80.9	188.5	2.385	25.20	66.1	S0312	.0226U	8.9540	0.6	A
5015	19944.35	37 10N	79 56E	71.4	188.1	2.872	0.00	68.9	S0312	.0315U	10.1660	0.6	F
5016	19949.55	37 10N	79 56E	71.6	188.0	2.872	1.05	68.9	S0312	.0315U	10.1412	0.4	A
5017	20016.35	34 4N	78 12E	83.0	187.7	2.511	-35.70	69.9	S0312	.0171U	9.7726	1.0	A
5018	20089.15	28 36N	77 13E	83.5	187.3	2.733	-31.50	71.8	S0312	.0315U	8.6489	0.6	F
5019	20092.15	28 36N	77 12E	82.3	187.3	2.733	-31.15	71.8	S0312	.0315U	8.9045	0.6	V
5020	20095.35	28 31N	77 13E	82.8	187.3	2.733	-30.45	71.9	S0312	.0315U	8.7891	0.6	A
5021	20113.75	27 42N	78 2E	76.0	187.2	2.872	12.25	73.1	S0312	.0315U	9.5146	0.6	A
9001	19676.75	56 24N	85 38E	75.1	191.3	1.810	-12.25	53.4	S0409	.0719U	9.6312	0.8	F
9002	19738.55	52 24N	85 6E	78.4	190.6	2.170	18.90	57.5	S0409	.0719U	9.2849	0.6	F
9003	19744.15	52 24N	85 5E	78.6	190.5	2.033	19.60	57.5	S0409	.0719U	9.2271	0.6	A
9004	19839.35	46 7N	82 8E	72.2	189.2	2.511	-4.20	62.5	S0409	.0541U	10.0455	0.6	A
9005	19869.55	43 39N	81 42E	72.3	188.9	2.733	3.85	64.5	S0409	.0541U	10.0352	0.4	F
9006	19874.75	43 39N	81 43E	72.5	188.8	2.511	5.25	64.5	S0409	.0541U	10.0023	0.4	A
9007	20113.55	27 40N	78 2E	76.0	187.2	2.872	12.25	73.1	S0409	.0541U	9.5157	1.0	A
643 5001	24935.75	60 0N	64 51E	77.1	193.0	1.687	-16.45	50.5	S0312	.0315U	9.3827	0.6	F
5002	24941.55	60 0N	64 48E	77.2	192.9	1.687	-16.80	50.5	S0312	.0315U	9.4259	0.4	A
5003	25039.35	53 9N	61 15E	84.8	190.7	1.687	-31.85	56.5	S0312	.0315U	8.5170	0.4	F
5004	25042.35	53 9N	61 15E	83.5	190.7	1.687	-31.50	56.5	S0312	.0315U	8.7808	0.6	V
5005	25046.75	53 4N	61 7E	86.0	190.6	1.687	-33.25	56.5	S0312	.0315U	8.4675	0.4	A
5006	25074.95	50 54N	60 42E	79.4	190.2	2.033	-27.30	58.4	S0312	.0315U	9.2096	0.4	V
5007	25077.75	50 50N	60 42E	80.4	190.1	2.033	-26.95	58.4	S0312	.0415U	9.0611	0.8	A
5008	25128.95	46 40N	61 21E	84.2	189.4	2.385	28.00	62.4	S0312	.0226U	8.6407	0.6	F
5009	25131.95	46 40N	61 21E	83.7	189.4	2.170	28.70	62.4	S0312	.0226U	8.7891	0.6	V
5010	25135.15	46 47N	61 21E	85.0	189.3	2.170	29.05	62.4	S0312	.0226U	8.5417	0.4	A
5011	25417.55	26 54N	56 17E	83.8	187.2	2.733	25.90	73.4	S0312	.0315U	8.6901	1.0	F
5012	25443.55	25 17N	55 17E	73.9	187.1	3.211	0.70	73.0	S0312	.0415U	9.8197	0.6	F
5013	25446.95	25 17N	55 17E	74.2	187.1	3.211	1.75	73.0	S0312	.0415U	9.7702	0.6	A
5014	25462.15	24 20N	54 27E	80.0	187.0	3.211	-25.20	72.5	S0312	.0315U	9.0941	0.8	A
9001	24912.55	61 44N	67 6E	76.6	193.6	1.687	13.30	49.2	S0409	.0719U	9.5652	0.4	V

Handle via
BYEMAN Channels
BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
643 9002	24915.35	61 44N	47 5E	77.4	193.5	1.687	13.30	43.2	S0409	.07190	9.3508	0.4	A
9003	25155.55	45 10N	59 19E	75.5	189.1	2.385	-18.90	63.1	S0409	.07190	9.5735	1.2	F
9004	25160.95	45 10N	59 19E	75.2	189.1	2.385	-18.20	63.1	S0409	.07190	9.6642	1.2	A
9005	25289.95	36 13N	57 43E	72.4	187.9	2.872	5.60	69.5	S0409	.07190	9.9775	0.8	A
9006	25356.35	31 47N	55 43E	82.5	187.5	2.733	-31.85	70.9	S0409	.05410	8.8148	1.0	A
9007	25431.75	26 53N	54 50E	80.2	187.2	3.090	-26.25	72.3	S0409	.05410	9.0457	0.8	A
9008	25455.95	24 40N	54 40E	76.6	187.1	3.090	-18.20	72.6	S0409	.05410	9.4333	1.0	F
9009	25569.35	17 1N	53 22E	76.8	186.7	3.439	-13.30	71.2	S0409	.05410	9.4250	0.8	A
9010	26008.55	13 37S	48 38E	94.2	186.6	3.090	10.15	48.9	S0409	.05410	7.6964	1.0	V
9011	26014.55	13 37S	48 28E	94.2	186.6	3.211	5.60	46.7	S0409	.05410	7.5779	1.0	A
644 5001	29990.35	76 14N	62 42E	84.7	209.8	0.986	19.25	35.0	S0312	.05390	8.5535	1.0	F
5002	29996.55	76 14N	62 40E	84.7	208.0	0.776	19.60	35.0	S0312	.05390	8.5417	0.8	A
5003	30040.95	73 42N	54 39E	78.4	203.1	0.986	-5.25	38.0	S0312	.04150	9.2178	1.0	F
5004	30046.55	73 42N	54 39E	78.3	202.6	0.986	-4.90	38.0	S0312	.04150	9.2673	1.0	A
5005	30068.75	71 54N	52 23E	77.6	200.8	0.986	-2.45	39.8	S0312	.04150	9.3085	0.6	F
5006	30074.35	71 54N	52 24E	77.5	200.4	1.113	-2.10	39.8	S0312	.04150	9.3580	0.6	A
5007	30147.15	66 46N	47 48E	76.1	196.3	1.332	1.05	44.4	S0312	.04150	9.5594	0.6	A
5008	30272.35	58 3N	42 5E	74.5	192.2	1.810	-9.10	52.4	S0312	.04150	9.7125	0.4	F
5009	30278.95	57 51N	42 3E	75.5	192.0	2.033	10.15	53.0	S0312	.04150	9.5471	0.6	F
5010	30284.35	57 51N	42 39E	75.8	191.9	1.810	11.20	53.0	S0312	.04150	9.5388	0.6	A
5011	30311.55	55 36N	40 53E	73.8	191.4	2.033	-12.25	54.6	S0312	.04150	9.9351	0.4	V
5012	30314.35	55 30N	40 53E	74.5	191.3	2.033	-11.90	54.6	S0312	.04150	9.7537	0.4	A
5013	30323.95	54 57N	39 47E	83.0	191.1	1.687	-29.40	55.3	S0312	.03150	8.6384	0.4	F
5014	30326.95	54 57N	39 47E	81.8	191.1	1.687	-29.05	55.3	S0312	.03150	8.9622	0.4	V
5015	30332.35	54 45N	39 57E	79.0	191.0	2.033	-23.80	55.5	S0312	.03150	9.2096	0.4	A
5016	30354.15	52 51N	39 42E	74.3	190.6	2.170	-12.95	57.2	S0312	.04150	9.7372	0.4	F
5017	30359.55	52 50N	39 42E	74.1	190.5	2.170	-12.25	57.4	S0312	.04150	9.8114	0.4	A
5018	30366.35	51 42N	39 16E	75.4	190.4	2.170	-17.15	57.9	S0312	.03150	9.5723	0.4	F
5019	30371.75	51 42N	39 16E	75.2	190.3	2.170	-16.45	57.9	S0312	.03150	9.6048	0.4	A
5020	30430.15	47 13N	38 51E	75.4	189.5	2.511	14.00	61.9	S0312	.03150	9.6218	0.6	F
5021	30435.55	47 13N	38 51E	75.9	189.4	2.511	14.70	61.9	S0312	.03150	9.5723	0.6	A
5022	30447.35	46 5N	38 14E	73.1	189.3	2.511	5.95	62.7	S0312	.03150	9.9269	0.6	F
5023	30452.55	46 5N	38 14E	73.3	189.2	2.511	6.65	62.7	S0312	.03150	9.9104	0.6	A
5024	30468.75	44 59N	37 59E	74.6	189.0	2.511	11.90	63.9	S0312	.04150	9.7455	0.4	F
5025	30473.95	44 59N	37 59E	74.9	189.0	2.511	12.60	63.9	S0312	.04150	9.6874	0.6	A
5026	30602.95	35 42N	35 49E	76.8	187.9	2.733	18.55	70.1	S0312	.03150	9.5555	0.6	V
5027	30608.15	34 57N	35 53E	81.5	187.9	2.733	24.50	70.5	S0312	.03150	8.9292	0.6	F
5028	30614.15	34 57N	35 54E	82.6	187.8	2.511	25.90	70.6	S0312	.03150	8.7726	0.6	A
5029	30623.75	33 54N	35 31E	79.0	187.8	2.733	20.65	71.0	S0312	.03150	9.2178	0.8	F
5030	30629.55	33 54N	35 32E	79.8	187.7	2.511	22.05	71.0	S0312	.03150	9.0776	0.6	A
5031	30712.15	27 50N	34 23E	83.2	187.3	2.733	26.60	73.3	S0312	.01710	8.8056	0.6	V
5032	30715.35	27 50N	34 24E	85.0	187.3	2.511	27.65	73.3	S0312	.01710	8.5087	0.4	A
5033	30726.35	27 10N	33 51E	76.7	187.2	2.872	13.65	73.1	S0312	.04150	9.4404	0.6	A
5034	31123.15	0 0S	29 15E	95.5	186.4	2.733	26.60	80.7	S0312	.03150	7.5028	1.0	A
5035	31154.35	2 29S	28 51E	96.2	186.4	2.733	25.90	80.8	S0312	.03150	7.5506	0.6	V
5036	31157.74	2 20S	28 51E	98.0	186.4	2.733	26.25	80.8	S0312	.03150	7.3050	0.8	A
5037	31514.14	27 11S	22 59E	107.9	187.2	2.211	-20.65	85.8	S0312	.03150	8.5959	1.0	F
5038	31531.14	28 9S	22 31E	102.7	187.3	2.090	1.40	85.2	S0312	.04150	7.0164	1.0	V
5039	31547.74	29 0S	23 47E	110.2	187.4	2.511	15.05	84.5	S0312	.03150	8.4392	1.0	A
5040	31570.35	30 0aS	23 57E	121.1	187.5	2.170	24.25	83.2	S0312	.03150	8.8456	1.4	A
5041	31578.35	31 42S	23 9E	108.0	187.5	2.733	10.15	82.2	S0312	.04150	8.6536	0.8	V
9001	30040.95	73 42N	54 38E	78.4	203.1	0.986	-5.25	38.0	S0409	.07190	9.2189	1.0	F
9002	30046.55	73 42N	54 39E	78.3	202.6	0.986	-4.90	38.0	S0409	.07190	9.2644	1.0	A
9003	30068.55	71 54N	52 24E	77.6	200.8	0.986	-2.45	39.8	S0409	.07190	9.3095	1.0	F
9004	30074.15	71 54N	52 25E	77.5	200.4	1.113	-2.10	39.8	S0409	.07190	9.3591	0.8	A
9005	30291.55	56 44N	45 14E	86.9	191.8	1.810	30.80	53.9	S0409	.07190	8.4685	0.6	V
9006	30294.75	56 44N	45 14E	88.1	191.7	1.810	31.15	53.9	S0409	.07190	8.2294	0.8	A
9007	30366.55	51 40N	39 16E	75.5	190.4	2.170	-17.15	57.9	S0409	.07190	9.5725	1.0	F
9008	30372.15	51 40N	39 15E	75.2	190.3	2.170	-16.45	57.9	S0409	.07190	9.6559	0.8	A
9009	30410.15	49 44N	37 38E	86.0	189.7	1.810	-33.95	60.1	S0409	.05410	8.3778	0.8	F
9010	30416.35	49 44N	37 39E	85.4	189.7	2.033	-35.60	60.1	S0409	.05410	8.5160	0.8	A
9011	30429.35	47 16N	38 52E	75.6	189.5	2.511	14.00	61.8	S0409	.07190	9.6229	0.8	F
9012	30434.75	47 16N	38 52E	75.8	189.4	2.511	14.70	61.8	S0409	.07190	9.5735	0.8	A
9013	30468.55	44 59N	37 59E	74.6	189.0	2.511	11.90	63.9	S0409	.09670	9.7468	0.6	F
9014	30473.95	44 59N	37 59E	74.9	189.0	2.511	12.60	63.9	S0409	.07190	9.6889	0.6	A
9015	30579.95	37 1N	35 26E	72.7	188.0	2.872	-9.10	68.8	S0409	.04090	9.9610	0.6	F
9016	30585.15	37 1N	35 26E	72.6	188.0	2.872	-8.40	68.8	S0409	.04090	9.9940	0.6	A
9017	30633.75	33 44N	35 23E	78.0	187.7	2.733	20.65	71.2	S0409	.05410	9.4003	1.0	V
9018	30639.95	33 59N	35 5E	75.3	187.7	2.733	14.00	71.3	S0409	.04090	9.5817	0.4	F
9019	30644.35	32 50N	35 6E	76.3	187.6	2.733	15.05	71.4	S0409	.04090	9.4745	0.6	A
9020	30648.95	32 43N	34 49E	74.2	187.5	3.090	2.75	71.5	S0409	.07190	9.7879	0.6	F
9021	30654.15	32 43N	34 49E	74.6	187.5	2.872	10.15	71.6	S0409	.07190	9.6972	0.8	A
9022	30657.75	31 47N	34 44E	73.7	187.5	2.872	10.15	71.7	S0409	.04090	9.9528	0.8	V
9023	30662.35	31 46N	34 49E	77.3	187.5	2.872	17.15	72.1	S0409	.04090	9.4085	0.4	F
9024	30647.75	31 46N	34 49E	77.7	187.5	2.733	17.85	72.1	S0409	.04090	9.3013	0.6	A
9025	30679.15	30 40N	33 25E	80.6	187.4	2.733	-28.00	71.5	S0409	.04090	8.9550	0.8	F
9026	30684.95	30 40N	33 25E	80.1	187.4	2.872	-27.30	71.5	S0409	.04090	9.0622	0.8	A
9027	30769.75	23 54N	32 50E	73.9	187.0	3.211	-3.15	72.9	S0409	.04090	9.8043	0.8	F
9028	30773.95	23 54N	32 50E	74.0	187.0	3.211	-2.10	73.0	S0409	.04090	9.7714	1.0	A
9029	31047.55	4 5aN	29 26E	80.0	186.4	3.439	-0.70	64.2	S0409	.05410	9.1199	1.0	V
9030	31075.15	2 5aN	29 6E	81.8	186.4	3.439	0.00	62.6	S0409	.05410	8.8313	1.0	F
9031	31508.14	26 14S	23 15E	105.8	187.1	3.211	-16.20	56.7	S0409	.05410	6.7286	1.2	F
9032	31520.34	27 3/S	23 0E	106.4	187.2	3.211	-17.15	55.4	S0409	.05410	6.6474	1.0	F
9033	31522.54	27 4aS	22 58E	106.5	187.2	3.211	-17.15	55.3	S0409	.05410	6.6791	1.2	F
9034	31536.54	28 1aS	23 26E	104.1	187.3	3.090	0.35	55.1	S0409	.07190	8.8111	1.0	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
644 9035	31540.74	28 40S	23 17E	103.1	187.3	3.090	-1.40	34.5	S0409	.07190	6.9842	1.2	V
645 5001	35503.94	63 7N	21 38E	83.6	194.3	1.332	-27.30	47.7	S0312	.04150	8.6324	0.6	F
5002	35510.14	63 7N	21 36E	83.5	194.1	1.475	-27.30	47.7	S0312	.04150	8.6901	0.4	A
5003	35650.54	53 3N	18 38E	74.8	190.7	2.170	10.50	57.0	S0312	.04150	9.7043	0.8	F
5004	35655.94	53 3N	18 39E	75.1	190.6	2.170	11.20	57.0	S0312	.04150	9.6713	0.8	A
5005	35663.14	52 3N	19 10E	88.1	190.5	2.033	31.85	56.0	S0312	.03150	8.2614	1.2	F
5006	35683.34	50 52N	17 25E	72.6	190.2	2.385	-1.75	58.7	S0312	.04150	9.9346	0.6	F
5007	35688.54	50 52N	17 25E	72.7	190.1	2.385	-1.05	58.7	S0312	.04150	9.9928	0.6	A
5008	35693.74	50 50N	17 19E	72.6	190.1	2.385	-0.70	59.0	S0312	.04150	10.0011	0.6	A
5009	35787.54	43 44N	16 19E	87.8	188.9	2.170	32.20	65.0	S0312	.01710	8.3109	0.8	F
5010	35793.74	43 43N	16 19E	88.5	188.8	2.033	32.90	65.0	S0312	.01710	8.1789	1.0	A
5011	35797.74	43 5N	16 11E	87.4	188.8	2.033	32.90	65.4	S0312	.03150	8.4015	0.4	V
5012	35800.94	43 5N	16 11E	88.8	188.8	2.033	33.25	65.4	S0312	.03150	8.1460	0.4	A
5013	36247.74	12 1N	8 31E	77.7	186.6	3.439	-3.15	68.9	S0312	.03150	9.3332	0.6	F
9001	35700.54	49 55N	17 45E	78.7	190.0	2.385	20.30	60.0	S0409	.07190	9.2554	0.4	F
9002	35703.34	49 50N	17 46E	78.0	189.9	2.170	21.00	60.0	S0409	.07190	9.4168	0.4	V
9003	35706.14	49 55N	17 45E	78.9	189.9	2.170	21.00	60.0	S0409	.07190	9.1777	0.6	A
9004	35717.34	48 58N	17 22E	76.9	189.7	2.170	19.25	60.8	S0409	.07190	9.5487	0.4	V
9005	35720.14	48 58N	17 22E	78.0	189.7	2.170	19.60	60.8	S0409	.07190	9.2343	0.4	A
9006	36246.74	12 0N	8 32E	77.5	186.6	3.439	-3.15	69.0	S0409	.04090	9.3343	1.0	F
9007	36266.74	11 11N	7 42E	86.8	186.5	3.439	-29.05	67.9	S0409	.05410	8.3448	1.4	A
646 5001	41130.74	41 11N	8 37W	86.1	188.5	2.170	-35.00	65.8	S0312	.03150	8.3666	0.6	F
5002	41136.94	41 11N	8 38W	86.0	188.5	2.385	-35.00	65.8	S0312	.03150	8.4675	0.6	A
9001	41589.54	9 57N	13 36W	81.9	186.5	3.090	14.70	67.8	S0409	.04090	8.9168	1.0	V
647 5001	47149.14	8 14S	38 31W	97.5	186.5	2.872	22.05	53.7	S0312	.03150	7.4121	1.0	F
5002	47343.74	20 40S	42 34W	115.1	186.9	3.439	-34.30	41.4	S0312	.03150	6.2249	1.0	A
5003	47348.94	21 20S	42 42W	114.7	186.9	3.211	-34.65	40.8	S0312	.03150	6.2908	0.4	V
5004	47360.34	22 29S	43 14W	127.7	186.9	2.872	-41.30	39.7	S0312	.02260	5.5570	0.4	F
5005	47364.94	22 29S	43 15W	126.3	187.0	3.090	-41.30	39.7	S0312	.02260	5.7219	0.8	V
9001	47371.14	22 42S	42 46W	111.5	187.0	3.439	-29.40	39.8	S0409	.05410	6.4152	1.2	A
648 5001	52463.53	8 20S	61 1W	91.5	186.5	3.211	10.15	54.3	S0312	.03150	7.8325	0.6	A
5002	52623.53	19 47S	63 57W	101.5	186.8	3.439	-21.70	42.6	S0312	.03150	7.0411	0.8	F
5003	52635.53	20 2S	64 24W	110.0	186.8	3.439	-31.85	42.2	S0312	.03150	6.5217	0.8	A
649 5001	57325.73	21 27N	77 50W	76.6	186.9	3.090	10.50	73.0	S0312	.04150	9.4899	0.6	F
650 5001	62640.53	20 57N	100 25W	73.7	186.9	3.211	-3.50	72.5	S0312	.03150	9.6362	0.6	F
5002	62645.93	20 56N	100 25W	73.9	186.8	3.211	-2.45	72.5	S0312	.03150	9.8032	0.4	A
655 5001	2282.71	54 50N	158 30E	77.4	191.1	2.170	17.50	53.8	S0312	.03150	9.4499	0.4	V
5002	2289.51	54 41N	157 58E	74.8	190.9	2.170	6.75	56.1	S0312	.03150	9.7125	0.6	A
9001	2278.71	54 42N	158 33E	78.4	191.2	2.170	17.50	55.7	S0409	.05410	9.2684	0.8	F
9002	2305.51	52 56N	157 31E	75.0	190.7	2.170	9.45	57.2	S0409	.07190	9.6724	0.6	F
9003	2310.91	52 56N	157 31E	75.1	190.6	2.170	10.15	57.2	S0409	.07190	9.6559	0.6	A
656 5001	7710.71	46 55N	133 39E	78.9	189.3	2.385	22.05	62.6	S0312	.03150	9.3803	0.6	V
5002	7716.51	46 57N	133 44E	85.2	189.3	2.385	29.05	63.2	S0312	.03150	8.5417	0.6	F
5003	7719.51	46 57N	133 45E	84.7	189.2	2.170	29.75	63.2	S0312	.03150	8.6819	0.6	V
5004	7723.71	46 49N	133 25E	81.6	189.2	2.385	24.85	62.5	S0312	.03150	8.9127	0.6	F
5005	7729.51	46 49N	133 23E	81.5	189.1	2.170	24.85	63.5	S0312	.03150	8.8962	1.0	A
5006	7736.91	44 57N	132 53E	76.8	189.1	2.385	17.15	64.1	S0312	.02260	9.4487	0.4	F
5007	7742.51	44 10N	132 16E	87.6	188.9	2.170	31.85	64.6	S0312	.03150	8.2779	0.6	A
5008	7876.71	35 34N	129 8E	83.1	187.9	2.733	-31.85	69.3	S0312	.03150	8.7643	1.0	A
9001	7736.51	44 59N	132 54E	76.9	189.1	2.385	17.15	64.0	S0409	.05410	9.4498	0.8	F
9002	7742.11	44 58N	132 53E	77.2	189.0	2.385	17.85	64.1	S0409	.05410	9.3756	0.8	A
9003	7869.71	35 57N	129 22E	78.8	187.9	2.511	-25.55	69.4	S0409	.05410	9.1612	0.8	F
9004	7881.71	35 12N	129 8E	81.0	187.8	2.733	-29.05	69.5	S0409	.05410	8.9797	0.8	A
657 5001	12923.91	52 59N	113 29E	76.6	190.7	2.170	14.70	57.2	S0312	.03150	9.4816	0.6	F
5002	12929.31	52 60N	113 31E	77.1	190.6	2.170	15.75	57.2	S0312	.03150	9.4157	0.6	A
5003	12941.51	51 59N	113 5E	75.1	190.4	2.170	14.45	56.0	S0312	.03150	9.7785	0.4	V
5004	12944.31	51 59N	113 5E	76.2	190.4	2.170	14.70	56.0	S0312	.03150	9.5394	0.4	A
5005	12947.91	51 52N	113 3E	76.8	190.3	2.170	14.20	56.5	S0312	.03150	9.5558	0.4	V
5006	12960.71	51 52N	113 4E	79.1	190.3	2.170	14.90	56.5	S0312	.03150	9.2920	0.4	A
5007	12951.71	51 50N	113 3E	78.1	190.3	2.170	14.90	56.5	S0312	.03150	9.3003	0.6	A
5008	12963.11	51 42N	113 1E	78.0	190.3	2.170	14.90	56.6	S0312	.03150	9.3085	0.6	A
5009	13102.71	40 44N	109 55E	80.6	188.5	2.511	24.50	67.0	S0312	.03150	9.0447	1.2	F
5010	13108.51	40 44N	109 55E	81.1	188.4	2.385	25.20	67.0	S0312	.03150	8.9292	1.2	A
5011	13163.51	36 59N	108 29E	73.2	188.0	2.733	9.45	69.2	S0312	.03150	9.9021	0.6	A
5012	13179.51	35 46N	107 37E	72.0	187.9	2.872	-13.30	69.5	S0312	.03150	10.1907	0.6	V

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
657 5013	13191.51	34 3/N	108 29E	83.3	187.8	2.511	27.30	70.9	S0312	.0315U	8.7561	0.6	F
5014	13199.11	34 1IN	107 46E	72.9	187.8	2.872	5.95	70.7	S0312	.0315U	9.9681	0.4	F
5015	13204.31	34 1IN	107 46E	73.2	187.7	2.872	6.65	70.7	S0312	.0315U	9.9186	0.4	A
5016	13214.71	33 9N	107 12E	72.4	187.7	3.090	-7.70	70.9	S0312	.0315U	9.9928	0.4	F
5017	13314.71	26 1UN	105 49E	72.7	187.2	3.211	-5.25	72.9	S0312	.0315U	9.9681	0.8	F
5018	13320.11	26 14N	105 49E	72.9	187.1	3.211	-4.55	72.9	S0312	.0315U	9.9599	0.6	A
5019	13384.91	21 5UN	105 39E	83.9	186.9	2.733	25.55	73.4	S0312	.0315U	8.7313	0.6	V
5020	13388.11	21 4?N	105 39E	85.3	186.9	2.733	25.90	73.4	S0312	.0315U	8.4593	0.6	A
9001	12936.91	52 6N	113 12E	76.9	190.5	2.385	16.10	58.0	S0409	.0541U	9.4333	1.0	F
9002	13102.51	40 44N	109 55E	80.6	188.5	2.511	24.50	67.0	S0409	.0541U	9.0457	0.8	F
9003	13108.31	40 44N	109 55E	81.1	188.5	2.385	25.20	67.0	S0409	.0541U	8.9303	0.8	A
9004	13175.91	35 5UN	107 37E	73.1	187.9	2.872	-14.70	69.5	S0409	.0541U	9.8951	0.8	F
9005	13184.91	34 11N	107 46E	72.9	187.8	2.872	5.95	70.7	S0409	.0719U	9.9698	0.5	F
9006	13204.31	34 1IN	107 46E	73.1	187.7	2.872	6.65	70.7	S0409	.0719U	9.9198	0.4	A
9007	13214.11	33 11N	107 12E	72.5	187.7	3.090	-7.70	70.9	S0409	.0719U	9.9940	1.0	F
9008	13219.31	33 11N	107 13E	72.4	187.6	3.090	-6.65	70.9	S0409	.0719U	10.0105	1.0	A
9009	13314.71	26 14N	105 49E	72.8	187.2	3.211	-5.25	72.9	S0409	.0719U	9.9693	0.6	F
9010	13320.11	26 14N	105 49E	72.8	187.1	3.211	-4.55	72.9	S0409	.0719U	9.9510	0.6	A
658 5001	18177.71	56 41N	93 9E	79.7	191.8	2.033	19.60	54.0	S0312	.0315U	9.1106	1.4	F
5002	18184.51	56 19N	92 19E	74.3	191.6	2.033	4.20	54.2	S0312	.0415U	9.7620	0.6	F
5003	18186.11	56 18N	92 17E	74.2	191.6	2.033	4.20	54.3	S0312	.0415U	9.7765	1.2	F
5004	18191.31	56 18N	92 16E	74.2	191.5	2.033	4.55	54.3	S0312	.0415U	9.7367	1.4	A
5005	18202.71	55 2UN	90 46E	79.0	191.3	1.810	-24.50	54.8	S0312	.0315U	9.2673	0.6	V
5006	18205.71	55 2UN	90 45E	79.9	191.2	1.810	-24.50	54.8	S0312	.0315U	9.0941	0.4	A
5007	18304.51	47 4N	89 50E	85.0	189.4	2.034	29.40	62.3	S0312	.0226U	8.5252	1.0	A
5008	18333.11	46 51N	89 17E	77.9	189.3	2.385	19.60	62.6	S0312	.0226U	9.3085	0.4	A
5009	18365.71	44 1N	87 31E	73.8	188.9	2.511	-14.70	64.2	S0312	.0315U	9.8052	0.6	F
5010	18370.91	44 2N	87 31E	73.7	188.9	2.511	-14.00	64.2	S0312	.0315U	9.8609	0.6	A
5011	18374.91	43 4UN	87 29E	73.1	188.8	2.511	-12.60	64.4	S0312	.0315U	9.9454	0.4	A
5012	18379.51	43 24N	87 39E	71.6	188.8	2.733	-3.85	64.8	S0312	.0315U	10.1742	0.6	A
5013	18412.11	40 47N	87 14E	72.5	188.5	2.733	5.25	66.7	S0312	.0315U	10.0176	0.6	F
5014	18417.31	40 47N	87 14E	72.8	188.4	2.733	6.30	66.7	S0312	.0315U	9.9681	0.6	A
9001	18160.91	57 54N	93 8E	75.2	192.2	2.033	6.30	52.8	S0409	.0541U	9.6394	0.8	F
9002	18166.31	57 54N	93 7E	75.1	192.0	2.033	6.65	52.8	S0409	.0541U	9.6477	0.8	A
9003	18186.71	56 1UN	92 15E	74.2	191.6	2.033	4.20	54.3	S0409	.0719U	9.7796	0.6	F
9004	18191.91	56 1UN	92 15E	74.2	191.5	2.033	4.55	54.3	S0409	.0719U	9.7579	0.5	A
9005	18365.71	44 1N	87 31E	73.9	188.9	2.511	-14.70	64.2	S0409	.0719U	9.8043	0.4	F
9006	18370.91	44 1N	87 31E	73.7	188.9	2.511	-14.00	64.2	S0409	.0719U	9.8621	0.6	A
9007	18388.31	42 2?N	87 20E	71.6	188.7	2.733	-6.65	65.4	S0409	.0541U	10.1177	1.2	F
9008	18393.51	42 2UN	87 20E	71.5	188.7	2.733	-5.60	65.4	S0409	.0541U	10.1424	1.0	A
9009	18412.11	40 4UN	87 14E	72.6	188.5	2.733	5.25	66.7	S0409	.0719U	10.0187	0.4	F
9010	18417.31	40 4?N	87 14E	72.8	188.4	2.733	6.30	66.7	S0409	.0719U	9.9693	0.4	A
659 5001	23584.70	50 2UN	66 57E	77.0	190.0	2.033	-22.75	59.1	S0312	.0315U	9.5146	0.6	V
5002	23587.70	50 2UN	66 57E	77.8	190.0	2.033	-22.40	59.1	S0312	.0315U	9.3580	0.8	A
5003	23615.10	47 5UN	67 33E	77.0	189.6	2.511	17.15	61.5	S0312	.0315U	9.4404	0.6	F
5004	23620.70	47 5?N	67 33E	77.3	189.5	2.385	17.85	61.5	S0312	.0226U	9.3927	0.6	A
5005	23716.90	41 3UN	64 19E	80.8	188.3	2.511	-25.05	65.8	S0312	.0415U	9.0034	0.4	A
5006	23773.30	37 4N	64 41E	79.7	188.1	2.733	22.05	69.4	S0312	.0315U	9.1354	0.4	F
5007	23897.70	29 0N	61 24E	82.6	187.5	2.872	-30.10	71.8	S0312	.0315U	8.7973	0.8	A
9001	23408.90	60 42N	71 28E	77.0	193.2	1.475	-14.70	50.1	S0409	.0719U	9.3673	0.8	F
9002	23434.30	60 43N	71 27E	76.9	193.1	1.687	-14.70	50.1	S0409	.0719U	9.4415	1.0	A
9003	23560.90	51 5UN	67 22E	80.0	190.4	1.810	-25.55	57.8	S0409	.0541U	9.0127	0.6	F
9004	23564.50	51 5UN	67 22E	79.5	190.3	2.033	-25.20	57.8	S0409	.0541U	9.1364	0.8	A
9005	23615.10	47 5UN	67 33E	77.1	189.6	2.511	17.15	61.5	S0409	.0541U	9.4415	0.6	F
9006	23620.50	47 5UN	67 33E	77.3	189.6	2.385	17.85	61.5	S0409	.0541U	9.3930	0.6	A
9007	23664.90	44 3UN	66 16E	73.9	189.0	2.511	9.45	64.0	S0409	.0541U	9.8208	1.2	F
9008	23670.10	44 3?N	66 16E	74.1	189.0	2.511	10.15	64.1	S0409	.0541U	9.7796	1.4	A
9009	23728.70	40 8N	65 21E	77.6	188.4	2.733	18.55	67.4	S0409	.0541U	9.3756	0.8	F
9010	23734.30	40 8N	65 20E	77.8	188.4	2.511	19.25	67.4	S0409	.0541U	9.2849	0.8	A
9011	23746.30	39 6UN	64 32E	72.3	188.3	2.872	0.70	67.9	S0409	.0541U	10.0270	0.8	F
9012	23751.50	39 6UN	64 32E	72.4	188.2	2.733	1.40	67.9	S0409	.0541U	10.0105	0.8	A
9013	23788.30	35 5UN	64 46E	88.4	188.0	2.511	32.55	70.2	S0409	.0409U	8.2541	1.0	F
9014	23628.10	33 2UN	62 19E	83.5	187.7	2.511	-32.55	70.3	S0409	.0409U	8.8334	0.8	F
9015	23834.10	33 2UN	62 18E	83.1	187.7	2.733	-32.20	70.3	S0409	.0409U	8.7571	0.8	A
660 5001	28708.50	62 32N	50 51E	75.4	194.0	1.687	-4.90	48.5	S0312	.0315U	9.5971	0.6	F
5002	28713.90	62 33N	50 51E	75.3	193.9	1.687	-4.55	48.5	S0312	.0315U	9.6383	0.6	A
5003	28718.50	61 5UN	50 44E	75.2	193.7	1.687	1.40	49.2	S0312	.0415U	9.6218	0.6	F
5004	28723.10	61 41N	50 43E	74.8	193.6	1.687	5.25	49.4	S0312	.0415U	9.8032	0.4	V
5005	28826.10	54 2UN	48 20E	85.8	191.1	2.033	28.70	56.1	S0312	.0315U	8.4758	0.4	F
5006	28829.10	54 2UN	48 20E	84.8	191.1	2.033	28.70	56.1	S0312	.0315U	8.6571	0.6	V
5007	28839.70	53 59N	46 52E	73.3	190.9	2.170	0.35	56.5	S0312	.0415U	9.8056	0.6	F
5008	28845.10	53 58N	46 52E	73.4	190.8	2.170	1.05	56.5	S0312	.0415U	9.8939	0.4	A
5009	28860.30	52 8N	47 10E	81.2	190.5	2.170	23.45	58.0	S0312	.0315U	8.9540	2.0	F
5010	28866.10	52 3N	47 10E	81.8	190.4	2.170	24.15	58.0	S0312	.0315U	8.8798	2.0	A
5011	28903.70	49 4UN	44 32E	79.8	189.9	2.170	-25.90	59.6	S0312	.0315U	9.1456	1.0	A
5012	28940.10	47 6UN	43 43E	84.6	189.3	2.170	-32.55	60.9	S0312	.0315U	8.6324	0.8	A
5013	29083.10	36 1GN	41 49E	72.4	188.0	2.872	2.45	69.5	S0312	.0315U	10.0176	0.8	F
5014	29088.30	36 1GN	41 49E	72.7	187.9	2.872	3.15	69.5	S0312	.0315U	9.9928	0.8	A
5015	29294.70	22 22N	39 6E	76.7	186.9	3.211	10.85	73.1	S0312	.0415U	9.4652	0.6	F

Handle via
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4354 COMMAND INFORMATION

REV	FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
660	5016	29311.70	21 04N	39 8E	80.9	186.9	2.872	19.25	73.2	S0312	.03150	8.9375	0.6	A
	5017	29393.10	15 04N	37 53E	79.3	186.7	3.211	12.95	71.1	S0312	.03150	9.1601	0.8	F
	5018	29405.50	15 7N	37 37E	77.3	186.6	3.211	5.95	70.7	S0312	.03150	9.3497	0.6	A
	5019	29589.70	2 02N	34 36E	89.3	186.4	3.439	-26.60	61.8	S0312	.03150	8.0965	1.0	A
	5020	29858.70	16 22S	31 2E	107.3	186.7	3.211	-31.15	45.5	S0312	.03150	6.6371	1.0	F
	5021	29878.30	17 03S	31 4E	100.7	186.7	3.211	-22.40	44.4	S0312	.03150	7.0906	0.6	F
	5022	29881.90	17 03S	31 4E	99.6	186.7	3.439	-22.40	44.4	S0312	.03150	7.2637	0.6	V
	5023	29883.30	17 04S	31 3E	99.7	186.7	3.439	-22.40	44.3	S0312	.03150	7.2555	1.0	V
	5024	29886.90	17 04S	31 3E	100.7	186.8	3.439	-21.70	44.3	S0312	.03150	7.1153	0.6	A
	5025	29977.10	24 20S	31 4E	106.4	187.0	2.872	17.50	38.8	S0312	.02260	6.7773	1.0	V
	5026	29985.90	24 06S	30 12E	101.5	187.1	3.211	-6.65	38.2	S0312	.03150	7.0164	1.6	A
	5027	30001.10	25 06S	30 3E	101.6	187.1	3.211	-4.90	37.3	S0312	.03150	7.0081	1.0	A
	5028	30010.90	25 06S	30 6E	102.3	187.2	3.211	1.75	36.5	S0312	.04150	7.0411	0.8	V
	5029	30018.50	26 05S	29 21E	106.7	187.2	3.439	-18.90	36.0	S0312	.03150	6.6783	1.2	A
	5030	30027.90	27 05S	29 59E	103.3	187.2	2.872	5.60	35.5	S0312	.04150	6.9669	1.0	V
	5031	30031.90	28 1S	30 1E	104.3	187.3	2.872	8.05	35.2	S0312	.03150	6.9092	1.0	V
	5032	30048.50	31 01S	28 41E	107.9	187.5	3.090	-8.75	31.7	S0312	.04150	6.5794	1.0	A
	9001	28626.10	68 7N	53 48E	82.0	197.4	0.986	-21.00	43.2	S0409	.07190	8.7983	0.8	F
	9002	28631.90	68 7N	53 49E	81.6	197.1	1.113	-20.65	43.2	S0409	.07190	8.8808	0.6	A
	9003	28725.90	61 41N	50 50E	75.7	193.5	1.687	5.95	49.4	S0409	.07190	9.5735	1.0	A
	9004	28890.50	50 14N	45 13E	74.0	190.1	2.385	-11.90	59.3	S0409	.07190	9.7796	1.0	F
	9005	28895.90	50 13N	45 13E	73.8	190.0	2.385	-11.20	59.3	S0409	.07190	9.8373	0.8	A
	9006	28914.70	49 59N	44 29E	75.8	189.7	2.170	-18.20	60.6	S0409	.07190	9.5487	1.0	F
	9007	28920.30	49 59N	44 29E	75.4	189.7	2.385	-17.50	60.6	S0409	.07190	9.6312	0.8	A
	9008	29146.10	32 57N	39 45E	92.5	187.6	2.385	-41.30	70.3	S0409	.03090	7.9160	0.8	V
	9009	29149.30	32 58N	39 45E	93.2	187.6	2.385	-40.95	70.3	S0409	.03090	7.8088	1.0	A
	9010	29303.90	21 42N	39 9E	80.0	186.9	3.090	17.85	73.2	S0409	.04090	9.0787	1.0	F
	9011	29309.70	21 42N	39 10E	80.8	186.9	2.872	19.25	73.2	S0409	.04090	8.9303	1.0	A
	9012	29392.90	15 04N	37 53E	79.3	186.7	3.211	12.95	71.1	S0409	.05410	9.1612	1.0	F
	9013	29399.50	15 3N	37 37E	76.9	186.7	3.439	4.90	70.7	S0409	.04090	9.4250	1.0	F
	9014	29863.30	16 46S	31 8E	103.0	186.7	3.211	-26.60	45.2	S0409	.05410	6.9182	1.4	F
	9015	29870.70	16 46S	31 34E	95.7	186.7	3.439	-11.20	45.4	S0409	.05410	7.4625	1.0	A
	9016	29956.10	23 2S	29 52E	108.7	187.0	3.211	-26.60	39.4	S0409	.05410	6.5389	1.2	F
	9017	29965.90	23 16S	30 40E	100.4	187.0	3.211	-0.35	39.6	S0409	.07190	7.0749	1.0	A
	9018	29970.90	23 25S	30 42E	100.2	187.0	3.211	4.20	39.1	S0409	.07190	7.1986	1.2	V
	9019	29994.50	25 27S	30 8E	99.9	187.1	3.211	-4.20	37.5	S0409	.07190	7.2151	1.0	V
	9020	30005.70	26 28S	29 59E	101.8	187.2	3.211	-2.80	36.5	S0409	.07190	7.0090	1.0	F
	9021	30036.70	28 6S	30 8E	107.7	187.3	2.872	12.25	35.2	S0409	.05410	6.5719	1.4	A
	9022	30043.70	28 05S	29 45E	105.2	187.3	2.872	3.85	34.7	S0409	.07190	6.7368	1.2	A
661	5001	33913.50	69 26N	32 29E	85.1	198.5	0.774	-25.55	42.0	S0312	.04150	8.4675	0.8	F
	5002	33916.70	69 25N	32 27E	84.2	198.3	0.986	-25.90	42.0	S0312	.04150	8.6901	0.6	V
	5003	33924.70	68 55N	33 17E	76.8	197.9	1.332	-2.80	42.9	S0312	.04150	9.4157	1.0	F
	5004	33930.30	68 52N	33 17E	76.7	197.5	1.332	-2.45	42.9	S0312	.04150	9.4569	0.6	A
	5005	33934.30	68 50N	33 18E	76.8	197.3	1.332	2.10	43.2	S0312	.04150	9.4404	0.4	A
	5006	33940.50	67 29N	32 30E	76.5	197.0	1.332	-0.35	43.9	S0312	.04150	9.4487	0.6	F
	5007	33945.90	67 30N	32 30E	76.5	196.8	1.332	0.00	43.9	S0312	.04150	9.4899	0.6	A
	5008	33956.30	66 59N	30 29E	83.9	196.3	1.332	-25.55	44.3	S0312	.04150	8.6654	0.6	A
	5009	34034.70	61 10N	29 45E	87.1	193.4	1.697	29.75	49.9	S0312	.03150	8.4180	0.4	V
	5010	34040.50	60 43N	28 46E	79.3	193.3	1.810	17.50	50.3	S0312	.04150	9.1548	0.6	F
	5011	34046.10	60 43N	28 46E	79.5	193.1	1.810	17.85	50.3	S0312	.04150	9.1271	0.6	A
	5012	34131.30	54 01N	26 12E	84.5	191.2	2.033	27.30	56.0	S0312	.03150	8.5994	0.4	F
	5013	34134.30	54 01N	26 13E	83.9	191.1	1.810	28.00	56.0	S0312	.03150	8.7561	0.4	V
	5014	34142.50	53 47N	25 44E	81.7	191.0	2.170	23.80	56.6	S0312	.03150	8.9045	0.6	F
	5015	34151.50	53 20N	24 23E	73.5	190.8	2.170	-6.65	56.8	S0312	.04150	9.8609	0.8	F
	5016	34156.70	53 20N	24 23E	73.4	190.7	2.170	-5.95	56.8	S0312	.04150	9.8969	0.6	A
	5017	34162.50	53 02N	24 33E	74.0	190.6	2.170	6.65	57.5	S0312	.04150	9.8114	0.8	F
	5018	34167.90	52 51N	24 33E	74.2	190.5	2.170	7.35	57.6	S0312	.04150	9.7867	0.6	A
	5019	34171.90	52 40N	24 21E	73.6	190.5	2.170	4.55	57.8	S0312	.04150	9.8692	0.6	A
	5020	34179.70	51 40N	24 43E	80.8	190.3	2.170	23.10	58.8	S0312	.03150	9.0034	0.4	F
	5021	34184.70	50 57N	24 27E	78.7	190.3	2.170	19.60	59.0	S0312	.03150	9.2425	0.6	F
	5022	34190.30	50 57N	24 27E	79.0	190.2	2.033	20.30	59.0	S0312	.03150	9.1683	0.8	A
	5023	34195.30	50 25N	24 17E	76.1	190.1	2.033	20.65	59.5	S0312	.03150	9.3909	1.0	V
	5024	34198.70	50 25N	24 17E	79.3	190.0	2.033	21.00	59.5	S0312	.03150	9.1436	0.4	A
	5025	34207.50	49 29N	23 16E	72.6	189.9	2.385	-0.35	60.0	S0312	.04150	9.9846	0.4	F
	5026	34212.70	49 29N	23 15E	72.7	189.8	2.385	0.35	60.0	S0312	.04150	9.9846	0.4	A
	5027	34217.30	49 11N	23 4E	72.5	189.8	2.385	-2.45	60.3	S0312	.04150	10.0176	0.6	A
	5028	34481.70	30 40N	18 22E	72.9	187.5	3.090	-1.05	72.0	S0312	.04150	9.9516	0.6	F
	5029	34488.50	30 32N	18 35E	74.8	187.4	2.872	9.45	72.3	S0312	.04150	9.6960	0.4	A
	5030	34749.70	12 0N	15 3E	79.3	186.6	3.211	8.75	69.1	S0312	.03150	9.1354	0.6	F
	5031	34752.70	12 7N	15 4E	78.8	186.6	3.211	9.45	69.2	S0312	.03150	9.2438	0.6	V
	5032	34932.50	0 39S	13 47E	111.9	186.4	2.511	38.50	60.5	S0312	.02260	6.4657	1.2	F
	5033	34995.30	4 46S	11 50E	86.4	186.4	3.574	-3.85	56.2	S0312	.04150	8.3273	0.6	F
	5034	35001.50	4 45S	11 50E	96.9	186.4	3.574	-2.80	56.2	S0312	.04150	8.2696	0.6	A
	9001	33924.70	68 52N	33 17E	76.9	197.9	1.332	-2.80	42.9	S0409	.07190	9.4168	0.6	F
	9002	33930.30	68 52N	33 17E	76.7	197.6	1.332	-2.45	42.9	S0409	.07190	9.4580	0.6	A
	9003	33940.50	67 29N	32 30E	76.6	197.0	1.332	-0.35	43.9	S0409	.07190	9.4498	0.8	F
	9004	33945.90	67 29N	32 30E	76.4	196.8	1.332	0.00	43.9	S0409	.07190	9.4910	0.6	A
	9005	34099.90	56 48N	26 5E	74.0	191.8	2.033	1.05	53.8	S0409	.07190	9.7796	0.4	F
	9006	34105.10	56 48N	26 5E	74.0	191.7	2.033	1.75	53.8	S0409	.07190	9.7879	0.4	A
	9007	34118.10	56 36N	26 35E	82.2	191.4	1.810	25.55	55.0	S0409	.07190	8.9385	0.6	V
	9008	34121.10	56 36N	26 34E	83.1	191.4	1.810	25.55	55.0	S0409	.07190	8.7159	0.6	A
	9009	34131.10	54 02N	26 13E	84.6	191.2	2.033	27.30	56.0	S0409	.07190	8.6004	0.6	F
	9010	34151.50	53 19N	24 22E	73.5	190.8	2.170	-6.65	56.8	S0409	.07190	9.8621	0.6	F
	9011	34156.70	53 20N	24 23E	73.4	190.7	2.170	-5.95	56.8	S0409	.07190	9.8951	0.6	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
661 9012	34207.30	49 0N	23 15E	72.7	189.9	2.385	-0.35	60.0	S0409	.07190	9.9858	0.6	F
9013	34212.50	49 0N	23 15E	72.7	189.8	2.385	0.35	60.0	S0409	.07190	9.9858	0.6	A
9014	34225.10	48 10N	22 39E	73.0	189.7	2.385	-7.35	60.9	S0409	.07190	9.9198	0.6	F
9015	34230.30	48 10N	22 39F	72.9	189.6	2.385	-6.65	60.9	S0409	.07190	9.9528	0.6	A
9016	34922.90	0 07N	12 55E	84.0	186.4	3.439	3.85	60.8	S0409	.05410	8.5427	0.8	A
9017	34945.70	1 0S	12 28E	83.3	186.4	3.439	-3.15	59.3	S0409	.05410	8.7406	1.2	V
662 5001	39521.29	43 1N	1 56E	62.2	189.8	2.170	26.60	60.7	S0312	.03150	8.9375	0.6	V
5002	39524.29	43 1N	1 56E	63.4	189.8	2.170	26.95	60.7	S0312	.03150	8.6901	0.6	A
5003	39581.09	44 0S	0 48W	74.7	189.1	2.385	-16.80	63.5	S0312	.03150	9.6795	0.6	F
5004	39586.29	44 0S	0 48W	74.5	189.0	2.511	-16.10	63.5	S0312	.03150	9.7537	0.6	A
5005	39734.69	34 10N	3 20W	73.2	187.6	2.872	-15.40	70.4	S0312	.03150	10.0011	0.6	V
5006	39772.49	31 0N	4 24W	84.2	187.6	2.511	-34.30	70.9	S0312	.03150	8.6736	0.8	V
664 5001	51008.69	11 0S	55 13W	93.5	186.5	3.090	11.20	50.9	S0312	.03150	7.6430	1.0	A
5002	51017.09	11 0S	55 29W	91.0	186.6	3.211	5.95	50.1	S0312	.03150	7.9728	0.8	V
5003	51085.29	16 42S	56 50W	95.4	186.7	3.439	-11.90	45.4	S0312	.03150	7.5111	1.0	F
5004	51094.29	16 50S	56 2W	101.5	186.7	2.872	17.50	45.7	S0312	.03150	7.0246	1.0	A
5005	51141.29	20 7S	56 41W	102.A	186.8	2.872	15.40	42.7	S0312	.03150	6.9257	1.0	A
5006	51161.89	21 0S	58 27W	110.7	186.9	3.211	-31.15	40.6	S0312	.03150	8.5217	0.8	V
5007	51183.09	23 6S	57 32W	101.1	187.0	3.211	6.65	39.5	S0312	.03150	7.0906	1.0	F
5008	51192.09	23 5S	57 5W	109.A	187.0	2.511	22.75	39.3	S0312	.03150	6.5794	1.0	U
5009	51197.29	23 9S	56 48W	120.0	187.0	2.170	30.45	39.4	S0312	.03150	5.9116	1.0	A
9001	51175.89	22 24S	57 50W	99.7	187.0	3.439	-8.05	40.2	S0409	.07190	7.1491	1.0	A
665 5001	55979.09	18 34N	72 20W	75.0	186.8	3.211	3.50	72.1	S0312	.03150	9.7620	0.4	V
5002	55981.89	18 34N	72 20W	76.1	186.8	3.211	3.85	72.1	S0312	.03150	9.5146	0.4	A
5003	56212.09	4 14S	75 55W	92.9	186.4	2.872	18.90	67.0	S0312	.03150	7.7172	0.8	A
5004	56320.49	12 0S	76 60W	104.4	186.6	2.733	26.25	50.1	S0312	.03150	6.9092	0.4	F
5005	56324.09	12 7S	77 1W	103.1	186.6	2.733	25.90	50.2	S0312	.03150	7.0411	1.0	V
5006	56327.89	12 7S	77 0W	105.5	186.6	2.511	26.95	50.2	S0312	.03150	8.7606	1.0	A
9001	56019.29	9 5N	73 58W	80.2	186.5	3.211	6.65	67.2	S0409	.05410	8.9715	1.6	A
9002	56133.49	0 47N	75 14W	86.0	186.4	3.211	12.25	61.1	S0409	.05410	8.4108	1.0	F
9003	56281.29	9 10S	77 35W	88.7	186.5	3.574	-12.25	52.1	S0409	.04090	8.0974	1.0	F
9004	56320.29	12 0S	76 60W	104.4	186.6	2.733	26.25	50.2	S0409	.04090	6.9100	0.8	F
9005	56327.89	12 0S	77 0W	105.4	186.6	2.511	26.95	50.2	S0409	.04090	8.7616	0.8	A
667 5001	66261.08	33 0UN	113 33W	72.1	187.7	2.872	-1.05	70.8	S0312	.02260	10.0505	0.6	F
5002	66266.28	33 0UN	113 33W	72.3	187.7	2.872	0.00	70.8	S0312	.02260	10.0258	0.6	A
5003	66350.28	27 6UN	114 1W	86.0	187.3	2.511	28.70	73.4	S0312	.03150	9.4098	0.8	A
9001	66261.08	33 0UN	113 33W	72.1	187.7	2.872	-1.05	70.8	S0409	.05410	10.0517	0.6	F
9002	66266.28	33 0UN	113 33W	72.2	187.7	2.872	0.00	70.8	S0409	.05410	10.0270	0.6	A
9003	66303.28	30 0UN	114 47W	78.7	187.5	2.733	-24.85	71.5	S0409	.05410	9.1777	1.0	F
9004	66307.88	31 3N	114 50W	79.6	187.5	2.733	-26.25	71.4	S0409	.05410	9.1282	1.2	A
9005	66343.68	28 2N	114 4W	83.6	187.3	2.733	25.90	73.3	S0409	.05410	8.6994	1.0	F
673 5001	11424.46	53 4UN	119 46E	74.4	190.9	2.170	8.75	56.6	S0312	.04150	9.7537	0.6	F
5002	11429.66	53 4UN	119 45E	74.4	190.8	2.170	8.75	56.6	S0312	.03150	9.7537	0.4	A
5003	11481.46	49 6UN	116 50E	85.9	190.0	1.810	-33.95	59.4	S0312	.02260	8.3851	0.4	F
5004	11491.86	49 6UN	117 27E	74.3	189.9	2.385	-15.05	59.9	S0312	.03150	9.7867	0.6	A
5005	11617.06	40 0UN	116 2E	79.6	188.5	2.511	22.75	67.3	S0312	.03150	9.1518	0.4	F
5006	11622.66	40 0UN	116 2E	80.3	188.4	2.385	23.80	67.3	S0312	.03150	9.0199	0.6	A
5007	11627.06	39 9UN	116 4E	84.9	188.4	2.385	29.05	67.9	S0312	.02260	8.5747	0.6	F
5008	11641.46	39 1UN	115 27E	76.0	188.3	2.511	15.75	68.0	S0312	.03150	9.5394	0.4	A
5009	11644.26	38 5UN	115 23E	75.5	188.2	2.733	16.10	68.3	S0312	.02260	9.7290	0.4	V
5010	11647.66	38 4UN	115 22E	76.6	188.2	2.511	16.80	68.3	S0312	.02260	9.4652	0.4	A
5011	11659.26	38 1UN	113 59E	79.2	188.1	2.733	-27.30	68.0	S0312	.03150	9.1848	0.4	A
5012	11694.66	35 1?N	113 56E	72.3	187.9	2.872	-5.95	70.0	S0312	.03150	10.0258	0.6	F
5013	11699.86	35 1?N	113 57E	72.4	187.8	2.872	-4.90	70.0	S0312	.03150	10.0341	0.6	A
5014	11757.66	31 0N	112 4E	89.6	187.5	2.385	-37.80	71.1	S0312	.02260	8.0470	0.6	F
5015	11760.86	31 0N	112 4E	87.9	187.5	2.385	-37.10	71.2	S0312	.02260	8.3356	0.6	V
5016	11766.86	30 2?N	112 14E	81.7	187.4	2.733	-29.40	71.6	S0312	.03150	8.8385	0.6	F
5017	11772.86	30 2?N	112 13E	51.2	187.4	2.872	-28.70	71.6	S0312	.03150	8.9540	0.4	A
5018	12003.86	13 6UN	109 3E	88.4	186.6	3.090	-32.20	69.2	S0312	.02260	8.1542	1.0	F
5019	12010.26	13 5UN	109 3E	87.7	186.6	3.211	-31.15	69.3	S0312	.02260	8.2696	1.0	A
5020	12033.26	11 5UN	109 13E	78.6	186.5	3.439	-12.25	68.6	S0312	.02260	9.1543	0.6	F
5021	12039.06	11 5UN	109 13E	78.6	186.5	3.439	-10.85	68.6	S0312	.03150	9.1951	0.6	A
9001	11159.26	71 4?N	128 44E	93.3	200.7	0.629	-33.25	39.9	S0409	.04090	7.7181	1.0	F
9002	11162.66	71 4?N	128 45E	91.7	200.5	0.629	-32.90	39.9	S0409	.04090	7.9655	0.8	V
9003	11166.06	71 4?N	128 50E	91.4	200.4	0.629	-31.85	39.9	S0409	.04090	7.9243	1.2	A
9004	11447.86	52 1?N	117 45E	83.2	190.5	1.810	-30.10	57.5	S0409	.05410	8.6664	0.6	F
9005	11450.86	52 1?N	117 45E	81.9	190.5	1.810	-29.75	57.5	S0409	.07190	8.9385	0.6	V
9006	11486.06	49 5?N	117 7E	78.9	189.9	2.033	-26.60	59.6	S0409	.07190	9.2931	0.8	V
9007	11616.86	40 2?N	116 2E	79.6	188.5	2.511	22.75	67.3	S0409	.05410	9.1529	0.6	F
9008	11622.66	40 2?N	116 2E	80.2	188.4	2.385	23.80	67.3	S0409	.05410	9.0210	0.6	A
9009	11627.46	39 9?N	116 3E	84.8	188.4	2.385	29.05	67.9	S0409	.04090	8.5757	0.6	F
9010	11630.46	39 9?N	116 2E	83.9	188.4	2.385	29.05	67.9	S0409	.04090	8.7489	0.6	V
9011	11633.46	39 9?N	116 3E	85.3	188.3	2.170	29.75	67.9	S0409	.04090	8.4767	0.6	A
9012	11694.66	35 1?N	113 56E	72.4	187.9	2.872	-5.95	70.0	S0409	.07190	10.0270	0.4	F

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
673 9013	11699.86	35 17N	113 56E	72.3	187.8	2.872	-4.90	70.0	S0409	.07130	10.0352	0.4	A
9014	11800.86	27 53N	112 54E	77.3	187.3	3.090	15.75	73.1	S0409	.05410	9.3920	0.4	F
9015	11806.26	27 54N	112 54E	77.8	187.2	2.872	16.80	73.1	S0409	.05410	9.2931	0.6	A
9016	11865.46	23 31N	111 19E	75.1	187.0	3.211	-12.95	72.7	S0409	.07190	9.6229	0.4	F
9017	11870.86	23 31N	111 19E	75.0	187.0	3.211	-11.90	72.8	S0409	.07190	9.6642	0.4	A
9018	12033.26	11 50N	109 13E	78.7	186.6	3.439	-12.25	68.6	S0409	.07190	9.1694	0.4	F
9019	12038.86	11 50N	109 13E	78.6	186.6	3.439	-10.85	68.6	S0409	.07190	9.1941	0.6	A
674 5001	16443.26	73 41N	109 44E	87.8	202.7	0.776	-26.95	59.0	S0312	.03150	8.2514	0.4	A
5002	17170.46	24 11N	89 4E	78.8	187.0	3.211	-22.75	72.6	S0312	.03150	9.2178	0.6	A
5003	18069.46	37 50S	77 34E	114.0	188.1	2.872	-11.55	25.5	S0312	.04150	6.2249	0.6	F
5004	18073.86	37 51S	77 34E	113.0	188.1	2.872	-11.20	25.5	S0312	.04150	6.3485	0.4	V
9001	17187.66	22 50N	89 37E	77.1	187.0	3.090	12.25	73.2	S0409	.07190	9.4168	1.0	F
675 5001	22026.66	55 2N	74 38E	80.4	191.2	1.810	-26.95	55.2	S0312	.03150	9.1024	0.6	V
5002	22036.66	54 57N	74 1E	69.1	191.0	1.687	-35.70	55.5	S0312	.02260	8.1707	0.4	A
5003	22099.46	49 52N	72 48E	81.6	190.0	2.033	-29.05	59.6	S0312	.02260	8.8468	0.6	F
5004	22102.46	49 52N	72 48E	80.4	189.9	2.033	-28.70	59.6	S0312	.02260	8.1189	0.6	V
5005	22108.66	49 34N	73 17E	73.7	189.3	2.385	-12.60	60.0	S0312	.03150	9.8774	0.6	A
5006	22232.26	40 44N	72 18E	89.7	188.5	2.170	35.00	67.3	S0312	.02260	8.1954	0.6	V
5007	22235.46	40 40N	72 18E	91.3	188.5	2.170	35.35	67.3	S0312	.02260	7.9348	0.6	A
5008	22321.66	34 39N	69 13E	74.3	187.8	2.872	-16.55	70.2	S0312	.03150	9.7472	1.2	F
5009	22327.26	34 39N	69 22E	72.5	187.8	2.872	-11.90	70.3	S0312	.03150	10.0256	0.4	A
5010	22348.06	33 4N	70 4E	83.3	187.6	2.511	27.30	71.7	S0312	.02260	8.6619	0.6	A
9001	22154.46	45 50N	73 31E	83.7	189.3	2.385	27.65	63.4	S0409	.05410	8.6911	0.6	F
9002	22160.66	45 52N	73 35E	85.6	189.2	2.170	30.10	63.4	S0409	.04090	8.4520	1.0	A
9003	22196.46	43 4N	72 44E	85.3	188.8	2.385	29.75	65.6	S0409	.04090	8.5345	0.8	F
9004	22202.66	42 50N	72 45E	86.1	188.8	2.170	30.80	65.6	S0409	.04090	8.4109	0.8	A
9005	22208.66	37 9N	70 32E	73.4	188.0	2.733	9.80	69.2	S0409	.05410	9.8654	0.4	A
9006	22335.26	33 39N	69 4E	73.3	187.7	2.872	-16.45	70.6	S0409	.07190	9.8621	0.8	F
9007	22462.86	24 51N	66 59E	81.1	187.1	2.872	-26.95	72.5	S0409	.07190	8.8808	0.8	F
9008	22468.66	24 54N	66 59E	80.7	187.1	3.090	-26.25	72.5	S0409	.07190	9.0045	0.8	A
676 5001	27236.45	61 19N	56 37E	74.8	193.5	1.810	0.35	49.8	S0312	.04150	9.6795	0.6	F
5002	27241.85	61 19N	56 37E	74.8	193.3	1.810	0.70	49.8	S0312	.04150	9.7125	0.6	A
5003	27259.85	59 56N	56 52E	83.4	192.8	1.810	24.85	51.5	S0312	.03150	8.7149	0.4	F
5004	27262.25	59 56N	56 45E	83.2	192.8	1.810	24.50	51.7	S0312	.03150	8.7596	0.8	F
5005	27268.25	59 56N	56 45E	83.5	192.8	1.687	25.20	51.7	S0312	.03150	8.6736	0.4	A
5006	27278.65	58 51N	56 22E	83.5	192.4	1.810	26.60	52.5	S0312	.03150	8.7891	0.8	V
5007	27284.85	57 54N	56 1E	83.7	192.2	2.033	25.55	53.1	S0312	.03150	8.6654	0.4	F
5008	27285.45	57 50N	55 59E	83.7	192.2	2.033	25.55	53.1	S0312	.03150	8.6819	0.6	F
5009	27290.85	57 54N	56 1E	84.1	192.1	1.810	26.25	53.1	S0312	.03150	8.6159	0.4	A
5010	27292.05	57 50N	55 59E	84.0	192.0	1.810	26.25	53.2	S0312	.03150	8.6407	0.4	A
5011	27293.65	57 49N	55 55E	83.9	192.0	1.810	26.25	53.3	S0312	.03150	8.6489	0.4	A
5012	27305.45	56 57N	53 26E	78.6	191.7	1.810	-23.45	53.6	S0312	.04150	9.3167	0.4	V
5013	27308.25	56 57N	53 26E	79.3	191.7	1.810	-23.10	53.6	S0312	.03150	9.1401	0.6	A
5014	27313.85	56 51N	53 42E	75.1	191.6	2.033	-12.95	54.1	S0312	.04150	9.6713	0.6	A
5015	27536.65	40 51N	49 21E	73.8	188.5	2.733	9.10	66.9	S0312	.03150	9.8444	0.8	F
5016	27542.05	40 50N	49 21E	74.1	188.5	2.511	10.15	66.9	S0312	.03150	9.7350	0.6	A
5017	27636.25	34 6N	46 37E	82.0	187.8	2.511	-31.15	70.1	S0312	.03150	8.7991	0.8	F
5018	27642.65	33 40N	46 25E	84.6	187.7	2.385	-33.95	70.3	S0312	.03150	8.5335	1.0	F
5019	27643.25	31 6N	46 4E	79.2	187.5	2.733	-27.65	71.4	S0312	.03150	9.2508	0.6	V
5020	27874.85	17 54N	44 13E	75.5	186.7	3.211	2.10	71.6	S0312	.03150	9.6054	0.6	F
5021	27880.25	17 54N	44 13E	75.9	186.7	3.211	3.15	71.7	S0312	.03150	9.5594	0.6	A
5022	27897.65	16 5N	43 11E	84.6	186.7	3.090	-26.35	70.3	S0312	.03150	8.5252	1.0	F
5023	27910.05	15 16N	44 15E	81.9	186.7	2.872	21.35	71.1	S0312	.03150	8.9575	0.6	V
5024	27913.05	15 16N	44 15E	83.5	186.6	2.872	22.05	71.1	S0312	.03150	8.6407	0.6	A
5025	27930.05	13 59N	44 7E	87.9	186.6	2.872	26.60	70.3	S0312	.03150	8.2614	0.6	F
5026	27936.45	13 59N	44 8E	89.0	186.5	2.733	27.65	70.4	S0312	.03150	8.0635	0.6	A
5027	27944.85	12 42N	43 28E	79.0	186.5	3.211	7.70	69.4	S0312	.03150	9.1766	0.6	F
5028	27947.85	12 42N	43 27E	78.2	186.5	3.211	7.70	69.4	S0312	.03150	9.3497	0.4	V
5029	27963.65	11 57N	43 10E	77.9	186.5	3.439	3.15	68.7	S0312	.03150	9.3392	0.4	V
5030	27966.45	11 57N	43 9E	78.9	186.5	3.439	3.50	68.7	S0312	.03150	9.1518	0.4	A
5031	28197.25	0 23N	40 54E	83.3	186.4	3.574	-10.15	60.3	S0312	.03150	8.7478	1.0	V
5032	28175.65	2 56S	40 13E	86.2	186.4	3.574	-14.00	57.5	S0312	.03150	8.4428	0.4	V
5033	28178.85	2 56S	40 13E	87.2	186.4	3.574	-13.30	57.5	S0312	.03150	8.2531	0.4	A
5034	28192.25	4 2S	39 46E	93.1	186.4	3.439	-26.60	56.3	S0312	.03150	7.8162	0.6	V
5035	28195.65	4 2S	39 46E	94.2	186.4	3.439	-26.25	56.3	S0312	.03150	7.6595	0.6	A
5036	28229.25	5 49S	39 18E	93.4	186.5	3.439	-22.75	54.0	S0312	.04150	7.6842	0.6	F
5037	28236.05	6 49S	39 18E	93.2	186.5	3.574	-21.70	54.0	S0312	.04150	7.7172	0.6	A
9001	27113.85	69 47N	61 36E	80.7	198.7	0.996	-19.95	41.8	S0409	.05410	9.0622	0.6	V
9002	27116.85	69 47N	61 35E	81.6	198.5	0.996	-19.95	41.8	S0409	.05410	8.8808	0.6	A
9003	27284.25	57 50N	56 2E	83.9	192.2	2.033	25.55	53.1	S0409	.05410	8.6664	0.8	F
9004	27290.25	57 57N	56 2E	84.0	192.1	1.810	26.25	53.1	S0409	.05410	8.6159	0.8	A
9005	27305.25	56 57N	53 26E	78.6	191.8	1.810	-24.45	53.6	S0409	.07190	9.3178	0.6	V
9006	27308.25	56 57N	53 26E	79.3	191.7	1.810	-23.10	53.6	S0409	.07190	9.1612	0.4	A
9007	27345.45	52 54N	52 51E	73.7	190.6	2.170	5.25	57.6	S0409	.07190	9.8373	0.8	F
9008	27370.65	52 54N	52 51E	73.8	190.5	2.170	5.95	57.6	S0409	.07190	9.8208	0.8	A
9009	27536.65	40 50N	49 21E	73.9	188.5	2.733	9.10	66.9	S0409	.07190	9.8456	0.6	F
9010	27542.05	40 50N	49 21E	74.1	188.5	2.511	10.15	66.9	S0409	.07190	9.7361	0.6	A
9011	27553.65	39 41N	49 0E	73.4	188.4	2.733	7.35	67.6	S0409	.04090	9.8951	1.0	F
9012	27559.85	39 41N	49 0E	73.6	188.3	2.733	8.05	67.6	S0409	.04090	9.8456	1.0	A

Handle via
BYEMAN Channels
BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
676 9013	27653.85	32 57N	47 29E	73.5	187.6	2.872	10.85	71.4	S0409	.07190	9.9456	0.8	V
9014	27663.45	32 20N	48 11E	94.3	187.6	2.170	37.10	72.2	S0409	.03090	7.6521	1.0	A
9015	27672.85	31 51N	47 5E	73.5	187.5	2.733	5.25	71.8	S0409	.04090	9.8456	1.0	A
9016	27732.85	28 41N	46 8E	73.1	187.3	3.090	-3.85	72.6	S0409	.07190	9.9333	0.8	A
9017	27929.05	13 45N	44 8E	88.0	186.6	2.872	26.60	70.4	S0409	.03090	8.2623	1.0	F
9018	27935.45	13 45N	44 8E	89.0	186.5	2.733	27.65	70.4	S0409	.03090	8.0644	1.0	A
9019	27950.85	12 41N	43 25E	79.9	186.5	3.211	6.65	69.4	S0409	.05410	9.1282	1.0	A
9020	27970.25	11 21N	43 5E	78.6	186.5	3.439	2.45	68.5	S0409	.05410	9.1612	1.0	A
9021	28073.45	4 14N	42 4E	84.5	186.4	3.211	11.55	63.7	S0409	.04090	8.5015	1.2	A
677 5001	32443.65	68 0N	39 31E	75.9	197.4	1.332	4.20	43.5	S0312	.04150	9.6383	0.4	V
5002	32446.45	68 0N	39 31E	76.9	197.2	1.332	4.55	43.5	S0312	.04150	9.4342	0.4	A
5003	32530.65	62 12N	34 18E	76.9	193.9	1.687	-14.70	48.9	S0312	.04150	9.8992	0.8	F
5004	32536.45	61 47N	34 27E	75.8	193.7	1.687	-6.30	49.4	S0312	.04150	9.6383	0.4	F
5005	32541.65	61 47N	34 28E	75.0	193.5	1.810	-5.95	49.4	S0312	.04150	9.6879	0.6	A
5006	32571.45	59 51N	32 1E	86.2	192.7	1.332	-31.50	51.3	S0312	.03150	8.3686	0.6	F
5007	32593.85	59 0N	33 30E	76.0	192.4	2.033	10.85	52.5	S0312	.04150	9.5394	0.6	F
5008	32598.25	58 50N	33 31E	76.2	192.3	1.810	11.40	52.5	S0312	.04150	9.5229	0.6	A
5009	32602.05	57 40N	32 51E	74.4	192.0	2.033	5.60	53.2	S0312	.04150	9.7537	1.6	A
5010	32604.25	57 31N	32 47E	74.4	191.9	2.033	5.60	53.3	S0312	.04150	9.7537	1.0	A
5011	32563.05	53 10N	30 27E	73.5	190.7	2.170	-8.40	57.0	S0312	.04150	9.8692	0.4	A
5012	32676.65	59 29N	30 5E	73.3	190.5	2.170	-12.25	57.6	S0312	.04150	10.0011	0.4	V
5013	32684.45	51 40N	30 43E	75.8	190.4	2.170	13.65	58.5	S0312	.03150	9.5868	0.8	F
5014	32690.05	51 39N	30 43E	76.0	190.3	2.170	14.35	58.5	S0312	.03150	9.5476	0.6	A
5015	32726.45	49 40N	30 3E	80.4	189.8	2.385	23.10	61.0	S0312	.03150	9.0447	0.4	F
5016	32729.25	49 40N	30 4E	79.8	189.8	2.170	23.80	61.0	S0312	.04150	9.2013	0.8	V
5017	32733.85	49 11N	30 13E	87.4	189.7	2.170	31.50	61.6	S0312	.03150	8.3856	0.4	F
5018	32741.65	47 47N	29 13E	73.9	189.6	2.385	8.75	61.7	S0312	.04150	9.8444	0.8	F
5019	32747.05	47 47N	29 13E	74.0	189.5	2.385	9.45	61.7	S0312	.03150	9.8862	0.6	A
5020	32763.05	46 50N	28 12E	79.4	189.3	2.385	22.05	63.0	S0312	.03150	9.1354	0.6	F
5021	32766.05	46 50N	28 12E	79.0	189.3	2.170	22.75	63.0	S0312	.03150	9.3003	0.8	V
5022	32773.05	46 30N	28 28E	87.9	189.2	2.033	32.20	63.4	S0312	.03150	8.2366	0.6	A
5023	32818.25	43 31N	26 36E	79.4	188.7	2.385	-26.35	65.0	S0312	.03150	9.2343	0.4	V
5024	32821.05	43 31N	26 38E	80.1	188.7	2.385	-26.00	65.0	S0312	.03150	9.0859	0.6	A
5025	32971.45	33 8N	23 59E	85.5	187.6	2.511	-33.95	70.9	S0312	.03150	8.4263	0.6	F
5026	32975.05	33 4N	24 2E	82.5	187.6	2.511	-31.50	71.0	S0312	.03150	8.8715	0.6	V
5027	32974.05	33 4N	24 2E	83.3	187.5	2.733	-31.50	71.0	S0312	.03150	8.7313	1.2	A
5028	33763.05	22 27S	15 3E	99.7	186.9	3.211	2.45	80.2	S0312	.03150	7.1895	0.4	F
5029	33766.65	22 27S	15 3E	98.9	186.9	3.211	2.80	80.2	S0312	.03150	7.3050	0.4	V
5030	33773.65	22 26S	14 34E	101.1	187.0	3.439	-10.85	79.9	S0312	.03150	7.0576	1.0	A
9001	32484.65	65 12N	37 2E	75.8	195.5	1.475	1.75	46.2	S0409	.07190	9.5405	0.8	F
9002	32490.25	65 11N	37 3E	75.7	195.3	1.475	2.45	46.3	S0409	.07190	9.5552	0.6	A
9003	32536.25	61 47N	34 28E	75.1	193.7	1.687	-6.30	49.4	S0409	.07190	9.6394	0.6	F
9004	32541.65	61 47N	34 28E	74.9	193.5	1.810	-5.95	49.4	S0409	.07190	9.6889	0.6	A
9005	32594.65	57 50N	33 3E	73.9	192.1	2.033	6.65	52.9	S0409	.07190	9.9280	0.4	V
9006	32597.45	57 50N	33 3E	74.7	192.1	2.033	7.00	52.9	S0409	.07190	9.6889	0.4	A
9007	32673.85	52 49N	30 5E	74.2	190.6	2.170	-12.60	57.6	S0409	.07190	9.7344	0.4	F
9008	32676.65	52 49N	30 5E	73.3	190.5	2.170	-12.25	57.6	S0409	.07190	10.0023	0.4	V
9009	32684.85	50 30N	30 13E	74.4	190.2	2.385	9.80	59.3	S0409	.07190	9.7466	0.8	F
9010	32705.25	50 31N	30 13E	74.6	190.1	2.170	10.85	59.3	S0409	.07190	9.7354	0.8	A
9011	32711.45	49 49N	30 2E	75.2	190.0	2.385	12.60	60.0	S0409	.07190	9.6477	0.8	F
9012	32716.85	49 49N	30 2E	75.5	189.9	2.170	13.65	60.0	S0409	.07190	9.5382	0.8	A
9013	32769.85	44 24N	28 44E	81.2	189.0	2.385	24.50	64.5	S0409	.05410	8.9550	0.4	F
9014	32792.85	44 24N	28 44E	80.5	189.0	2.170	25.20	64.5	S0409	.05410	9.1117	0.4	V
9015	32795.65	44 24N	28 43E	81.6	189.0	2.170	25.20	64.5	S0409	.05410	8.8726	0.6	A
9016	33442.45	2 41S	17 42E	95.8	186.4	3.439	-29.75	67.4	S0409	.05410	7.5285	1.0	A
9017	33487.85	7 16S	17 24E	101.0	186.4	3.211	-35.70	66.8	S0409	.05410	7.1504	1.0	V
9018	33688.65	19 40S	14 58E	109.6	186.7	3.439	-32.90	44.9	S0409	.04090	6.5389	0.6	A
678 5001	37775.45	66 20N	14 10E	83.3	196.1	1.113	-25.20	45.1	S0312	.05390	8.6571	0.6	F
5003	37784.85	65 44N	15 18E	74.9	195.7	1.475	1.40	45.7	S0312	.04150	9.7785	0.8	V
5003	38011.85	50 11N	8 1E	74.8	190.1	2.385	11.90	59.7	S0312	.03150	9.7125	0.8	F
5004	38017.25	50 11N	8 2E	75.1	190.0	2.170	12.95	59.7	S0312	.03150	9.6650	0.8	A
5005	38070.65	46 13N	6 9E	72.3	189.5	2.511	-7.35	62.7	S0312	.03150	10.0176	0.4	F
5006	38075.85	46 14N	6 9E	72.3	189.2	2.511	-6.65	62.7	S0312	.03150	10.0423	0.4	A
5007	38101.05	44 10N	5 26E	72.7	189.0	2.511	-11.55	64.3	S0312	.03150	9.9599	0.6	F
5008	38106.25	44 10N	5 26E	72.7	188.9	2.511	-10.85	64.3	S0312	.03150	10.0011	0.6	A
5009	38212.05	36 47N	2 56E	82.6	188.0	2.385	-32.20	68.8	S0312	.01710	8.8715	0.6	V
5010	38215.05	36 47N	2 56E	83.3	188.0	2.385	-31.45	68.8	S0312	.01710	8.7396	0.6	A
5011	38234.65	35 50N	2 43E	82.7	187.9	2.349	-32.90	69.2	S0312	.04150	8.8633	0.4	V
5012	38237.65	35 50N	2 43E	83.5	187.9	2.385	-32.55	69.2	S0312	.03150	8.7261	0.4	A
5013	38238.85	34 41N	3 16E	71.9	187.8	2.872	-5.25	70.4	S0312	.03150	10.0918	0.8	F
5014	38243.85	34 42N	3 15E	71.9	187.8	2.872	-4.55	70.4	S0312	.03150	10.0918	0.8	A
9001	37741.05	68 20N	17 27E	76.5	197.8	1.332	-1.05	43.1	S0409	.07190	9.4415	1.2	F
9002	38115.45	43 0N	5 57E	76.3	188.9	2.511	16.10	65.4	S0409	.04090	9.5322	0.4	F
9003	38120.85	43 0N	5 57E	76.5	188.8	2.385	16.80	65.4	S0409	.04090	9.4498	0.6	A
680 5001	49426.04	4 50S	47 30W	93.8	186.4	2.733	25.90	56.5	S0312	.03150	7.2308	0.8	A
5002	49450.04	6 29S	47 25W	111.8	186.5	2.170	35.70	55.2	S0312	.02260	6.3898	0.8	A
5003	49442.04	9 46S	49 40W	97.7	186.5	3.439	-28.70	52.2	S0312	.03150	7.4569	1.0	V
5004	49486.44	8 49S	49 41W	98.9	186.3	3.439	-28.35	52.1	S0312	.03150	7.2802	1.0	A
5005	49524.24	11 50S	49 52W	93.6	186.6	3.439	-16.90	49.6	S0312	.03150	7.6595	0.8	F
5006	49533.24	12 7S	49 31W	91.6	186.5	3.439	-1.75	49.6	S0312	.03150	7.4162	0.6	A

Handle via
BYEMAN Channels
BYE-8915/84

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
680 5007	49541.04	12 07S	49 57W	93.8	186.6	3.574	-14.70	49.0	S0312	.03150	7.6450	1.0	A
5008	49576.44	14 54S	51 4W	111.0	186.7	3.439	-35.35	46.5	S0312	.03150	6.4722	0.8	A
5009	49580.64	15 11S	51 9W	112.2	186.7	3.439	-36.05	46.3	S0312	.03150	6.4063	0.8	A
5010	49586.04	15 33S	51 14W	112.9	186.7	3.439	-36.40	45.9	S0312	.03150	6.3650	1.0	A
5011	49600.64	16 57S	50 27W	93.6	186.7	3.439	-4.90	45.2	S0312	.03150	7.7337	1.0	V
5012	49611.44	17 51S	51 34W	111.2	186.7	3.211	-33.95	43.9	S0312	.03150	6.4063	0.8	F
5013	49614.04	17 44S	51 36W	112.4	186.8	3.439	-34.65	44.0	S0312	.03150	6.3898	1.0	A
5014	49635.64	18 51S	51 12W	99.4	186.8	3.439	-18.20	43.2	S0312	.03150	7.1978	1.0	F
5015	49633.24	18 38S	51 5W	98.0	186.8	3.439	-12.95	43.2	S0312	.03150	7.2967	0.8	A
5016	49639.64	19 16S	51 32W	104.2	186.8	3.439	-24.85	42.7	S0312	.03150	6.8762	1.0	A
5017	49656.64	21 7S	50 25W	106.7	186.9	2.733	20.65	41.7	S0312	.03150	6.7278	0.8	F
5018	49663.44	21 35S	50 9W	115.0	186.9	2.170	28.70	41.9	S0312	.03150	6.1672	0.8	A
5019	49668.04	21 22S	50 6W	118.5	186.9	2.170	31.15	41.6	S0312	.03150	5.9693	2.0	A
5020	49679.04	22 7S	50 13W	119.5	186.9	2.033	31.50	41.0	S0312	.03150	5.9361	0.8	A
5021	49685.44	23 7S	50 36W	112.6	187.0	2.385	25.55	39.9	S0312	.03150	6.3733	1.0	F
5022	49692.64	23 35S	50 23W	120.1	187.0	2.170	31.15	40.1	S0312	.03150	5.9116	0.8	A
5023	49746.24	27 9S	52 3W	103.9	187.2	3.090	6.30	35.9	S0312	.03150	6.8845	0.8	F
5024	49763.44	27 35S	52 37W	104.0	187.2	3.439	-10.85	35.7	S0312	.03150	6.8515	1.0	A
5025	49761.04	27 37S	52 16W	104.1	187.3	3.090	3.50	35.4	S0312	.03150	6.6188	1.0	A
9001	49431.64	5 29S	47 27W	102.2	186.4	2.511	30.10	56.0	S0409	.05410	7.1079	1.0	V
9002	49474.84	8 10S	49 17W	91.2	186.5	3.574	-19.25	52.7	S0409	.05410	7.9572	1.2	V
9003	49540.44	13 0S	50 11W	95.9	186.6	3.574	-19.25	46.5	S0409	.05410	7.4707	0.8	A
9004	49557.94	13 47S	50 3W	93.4	186.6	3.574	-10.50	48.0	S0409	.05410	7.6604	1.0	A
681 9001	54751.84	6 37S	69 55W	97.5	186.5	2.733	24.50	54.9	S0409	.05410	7.4377	1.2	V
682 5001	58185.44	56 35N	84 52E	104.1	348.2	-1.685	22.75	-7.2	S0312	.29710	6.9174	0.8	A
5002	59757.44	13 44N	89 10W	76.7	186.6	3.439	-1.75	69.8	S0312	.03150	9.8404	0.4	F
5003	59760.24	13 44N	89 10W	76.0	186.6	3.439	-1.05	69.8	S0312	.03150	9.8218	0.4	V
5004	59763.04	13 44N	89 10W	77.1	186.6	3.439	-0.70	69.8	S0312	.03150	9.8327	0.4	A
9001	59766.24	13 0N	89 11W	77.5	186.6	3.439	1.05	69.7	S0409	.05410	9.3013	0.8	A
683 5001	64744.03	34 7N	107 18W	71.2	187.8	2.872	-3.15	70.7	S0312	.03150	10.1990	0.6	F
5002	64769.03	34 0N	107 18W	71.3	187.7	2.872	-2.10	70.7	S0312	.03150	10.1907	0.8	A
5003	64866.43	27 7N	109 25W	80.9	187.2	2.872	-27.65	72.3	S0312	.03150	8.9210	0.8	F
9001	64764.03	34 7N	107 18W	71.2	187.8	2.872	-3.15	70.7	S0409	.07190	10.2002	0.6	F
9002	64769.03	34 0N	107 18W	71.2	187.7	2.872	-2.10	70.7	S0409	.07190	10.1919	0.6	A
9003	64916.43	24 0N	109 58W	80.1	187.0	3.090	-25.20	72.5	S0409	.05410	9.0622	1.0	A
684 5001	70877.03	21 0S	136 59W	105.7	186.9	2.872	18.55	41.0	S0312	.03150	6.7938	0.2	F
5002	70884.63	21 0S	136 59W	107.1	186.9	2.733	19.60	41.0	S0312	.03150	6.6371	0.8	A
685 9001	75829.83	2 0N	157 27W	82.4	186.4	3.439	-0.70	61.7	S0409	.05410	8.7554	1.0	F
9002	75835.83	2 0N	157 27W	82.9	186.4	3.439	0.35	61.8	S0409	.05410	8.6911	1.0	A
688 5001	5571.22	12 09S	132 54E	99.0	186.6	3.439	-26.25	48.7	S0312	.03150	7.3297	0.6	V
5002	5575.02	12 09S	132 54E	100.2	186.6	3.439	-25.90	48.7	S0312	.03150	7.1313	0.6	A
9001	5561.42	12 10S	133 20E	93.4	186.5	3.439	-14.70	49.2	S0409	.05410	7.6951	0.8	F
9002	5564.82	12 10S	133 20E	92.4	186.6	3.439	-14.35	49.2	S0409	.05410	7.8583	0.8	V
689 5001	9655.02	71 20N	136 15E	81.8	200.1	0.986	-17.15	40.3	S0312	.03150	8.8633	0.6	A
5002	9661.82	70 56N	136 12E	77.9	199.7	0.986	-7.35	41.0	S0312	.03150	9.5909	0.4	V
5003	9669.02	70 30N	134 35E	86.5	199.2	0.986	-26.25	41.1	S0312	.03150	8.3881	0.4	A
5004	9947.62	50 24N	124 8E	74.1	190.0	2.385	-12.25	54.4	S0312	.03150	9.8197	0.6	A
5005	10005.22	47 00N	122 55E	77.1	189.5	2.170	-21.35	61.7	S0312	.03150	9.3745	0.6	F
5006	10010.82	47 29N	122 55E	76.8	189.4	2.385	-21.00	61.7	S0312	.03150	9.4734	0.6	A
5007	10026.82	46 1N	122 31E	76.4	189.3	2.385	-20.65	62.8	S0312	.03150	9.4652	0.6	F
5008	10032.42	46 0N	122 31E	76.2	189.2	2.385	-19.95	62.9	S0312	.03150	9.5558	0.4	A
5009	10061.02	43 58N	122 17E	72.6	188.9	2.511	-7.00	64.8	S0312	.03150	9.9346	0.4	F
5010	10066.22	43 37N	122 21E	72.5	188.8	2.733	-4.55	64.8	S0312	.03150	10.0341	0.4	A
5011	10081.62	42 0N	122 53E	82.2	188.7	2.511	25.55	66.3	S0312	.03150	8.8633	0.4	F
5012	10095.62	41 16N	121 4E	79.6	188.6	2.385	-26.95	66.2	S0312	.03150	9.0859	0.6	F
5013	10100.42	41 10N	121 7E	77.0	188.5	2.385	-23.80	66.3	S0312	.03150	9.5311	0.4	V
5014	10104.02	40 44N	120 54E	80.2	188.5	2.385	-27.65	66.5	S0312	.03150	9.0117	0.8	F
5015	10109.82	40 43N	120 54E	79.8	188.4	2.511	-26.95	66.5	S0312	.03150	9.1271	0.8	A
5016	10129.22	38 54N	121 29E	73.6	188.3	2.872	7.70	68.2	S0312	.03150	9.8774	1.4	F
5017	10134.42	38 54N	121 29E	73.9	188.2	2.872	8.75	68.3	S0312	.03150	9.8197	1.4	A
5018	10142.22	38 20N	120 58E	72.6	188.2	2.872	-7.70	68.3	S0312	.03150	10.0093	1.0	A
5019	10146.62	37 56N	120 43E	72.3	188.1	2.872	-11.20	68.6	S0312	.04150	10.1577	0.4	V
5020	10164.22	36 59N	120 2E	79.2	188.0	2.733	-26.95	68.8	S0312	.03150	9.1931	0.6	A
5021	10175.42	36 15N	119 32E	87.3	187.9	2.511	-36.05	69.0	S0312	.02240	8.3603	0.8	A
5022	10800.42	7 10S	112 45E	89.5	186.9	3.211	9.80	54.1	S0312	.04150	8.1295	0.8	V
5023	10803.81	7 11S	112 45E	91.0	186.5	3.211	10.50	54.1	S0312	.04150	7.8759	0.6	A
5024	10810.22	7 51S	112 41E	90.3	186.5	3.211	11.55	53.5	S0312	.03150	8.0553	0.8	V
5025	10813.62	7 51S	112 41E	91.9	186.5	3.211	12.25	53.5	S0312	.03150	7.7997	0.6	A
9001	9623.42	73 20N	139 57E	79.2	202.6	0.986	-3.15	38.4	S0409	.05410	9.1282	0.6	A

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
689 9002	10026.82	46 0N	122 31E	76.5	189.3	2.385	-20.65	62.8	S0409	.07190	9.4663	0.6	F
9003	10032.22	46 1N	122 31E	76.1	189.2	2.385	-19.95	62.8	S0409	.07190	9.5570	0.6	A
9004	10060.82	43 59N	122 17E	72.6	188.9	2.511	-7.00	64.8	S0409	.05410	9.9858	0.4	F
9005	10116.22	40 21N	120 23E	89.7	188.4	2.385	-38.15	66.6	S0409	.04090	8.1139	1.2	A
9006	10151.02	37 49N	120 47E	72.6	188.1	2.872	-7.35	68.7	S0409	.05410	10.0023	0.6	A
9007	10249.22	30 49N	120 2E	80.6	187.3	2.733	23.80	72.6	S0409	.05410	9.1054	0.6	V
9008	10252.22	30 49N	120 2E	82.0	187.3	2.511	24.50	72.6	S0409	.05410	8.8251	0.6	A
690 9001	15044.41	65 59N	111 34E	84.5	195.3	1.332	23.80	45.7	S0312	.04150	8.5829	0.6	A
9002	15227.61	53 29N	102 37E	79.4	190.8	1.810	-24.15	56.7	S0312	.03150	9.0359	0.8	F
9003	15390.21	42 3N	100 54E	84.6	188.7	2.385	29.40	66.4	S0312	.02260	8.6077	0.6	F
9004	15397.21	41 54N	100 34E	78.5	188.6	2.385	22.40	66.4	S0312	.02260	9.3588	0.4	V
9005	15402.41	41 42N	100 20E	77.4	188.6	2.511	19.25	66.8	S0312	.03150	9.3942	1.6	F
9006	15407.81	41 29N	100 21E	78.1	188.5	2.511	20.30	66.8	S0312	.03150	9.2858	1.6	A
9007	15432.61	39 36N	98 47E	73.6	188.3	2.733	-18.55	67.4	S0312	.03150	9.9599	0.6	V
9001	15235.01	52 56N	103 16E	73.3	190.7	2.170	-1.40	57.4	S0409	.05410	9.8786	0.6	F
9002	15240.21	52 54N	103 15E	73.2	190.6	2.170	-0.70	57.4	S0409	.05410	9.8951	0.6	A
9003	15416.61	40 26N	99 48E	73.6	188.5	2.733	9.80	67.3	S0409	.05410	9.8703	0.8	F
9004	15422.01	40 26N	99 48E	73.8	188.4	2.733	10.50	67.3	S0409	.05410	9.8126	0.6	A
9005	15607.61	27 42N	95 50E	91.9	187.2	2.733	-28.70	72.3	S0409	.05410	8.8143	1.2	F
691 5001	20505.21	55 24N	83 14E	83.1	191.4	2.033	24.85	55.5	S0312	.03150	8.7474	1.6	F
5002	20510.41	55 4N	82 59E	81.5	191.3	2.033	22.75	55.7	S0312	.03150	8.9210	1.0	F
5003	20515.01	55 3N	83 0E	81.7	191.2	2.033	23.10	55.7	S0312	.03150	8.8794	0.6	A
5004	20516.21	55 4N	82 58E	81.7	191.2	2.033	23.10	55.7	S0312	.03150	8.8798	2.2	A
5005	20530.61	53 51N	81 17E	73.9	190.9	2.170	-7.70	56.6	S0312	.03150	9.7950	0.4	F
5006	20535.81	53 51N	81 17E	73.9	190.8	2.170	-7.00	56.6	S0312	.03150	9.8362	0.4	A
5007	20560.81	51 42N	81 12E	75.6	190.4	2.385	11.90	58.6	S0312	.03150	9.6053	0.4	F
5008	20566.21	51 42N	81 13E	76.0	190.3	2.170	13.30	58.6	S0312	.03150	9.5558	0.4	A
5009	20579.81	50 54N	79 12E	84.1	190.1	1.810	-31.15	59.1	S0312	.02260	8.5747	0.6	F
5010	20582.81	50 54N	79 12E	82.9	190.1	2.033	-31.15	59.1	S0312	.02260	8.8385	0.6	V
5011	20650.01	45 0N	78 29E	72.4	189.1	2.511	-6.30	63.7	S0312	.03150	10.0093	0.6	F
5012	20653.21	45 0N	78 29E	72.4	189.1	2.511	-5.60	63.7	S0312	.03150	10.0423	0.6	A
5013	20664.81	45 2N	78 27E	72.4	189.0	2.511	-5.60	63.8	S0312	.03150	10.0423	0.6	A
5014	20670.81	44 49N	77 60E	74.7	189.0	2.511	-17.15	63.9	S0312	.03150	9.7372	0.8	A
5015	20673.21	44 39N	77 57E	74.6	189.0	2.511	-17.15	64.0	S0312	.03150	9.7455	0.6	A
5016	20680.81	44 1N	77 29E	80.2	188.9	2.385	-27.30	64.2	S0312	.03150	9.0776	0.6	A
5017	20687.61	43 49N	77 9E	82.2	188.8	2.170	-31.85	64.6	S0312	.02260	8.9292	0.6	V
5018	20690.61	43 42N	77 9E	82.8	188.8	2.385	-31.50	64.7	S0312	.02260	8.7973	0.6	A
5019	20742.41	39 24N	76 15E	81.5	188.3	2.385	-30.45	67.4	S0312	.03150	8.8693	0.4	F
5020	20746.41	39 9N	76 1E	87.3	188.3	2.385	-36.75	67.1	S0312	.02260	8.3561	0.4	A
5021	20761.81	37 54N	77 24E	80.4	188.2	2.511	24.15	69.1	S0312	.02260	9.0364	0.6	F
5022	20767.41	37 39N	77 20E	78.1	188.1	2.511	20.65	69.1	S0312	.03150	9.3003	0.6	A
5023	20773.81	37 24N	77 15E	81.4	188.1	2.385	25.90	69.4	S0312	.02260	8.8962	0.6	A
5024	20820.81	34 0N	74 48E	87.8	187.7	2.385	-36.75	70.1	S0312	.02260	8.2119	0.6	F
5025	20823.81	34 1N	74 48E	86.5	187.7	2.385	-36.40	70.1	S0312	.02260	8.4758	0.6	V
5026	20842.61	32 26N	75 31E	72.6	187.6	3.090	-0.70	71.5	S0312	.02260	9.9928	0.6	F
5027	20847.81	32 26N	75 31E	72.8	187.6	2.872	0.70	71.5	S0312	.02260	9.9763	0.6	A
5028	20852.81	31 59N	75 40E	74.0	187.6	2.872	10.85	72.0	S0312	.02260	9.9186	0.6	V
5029	20857.41	31 44N	75 24E	73.3	187.5	3.090	3.85	72.0	S0312	.02260	9.9104	0.6	F
5030	20862.61	31 44N	75 24E	73.5	187.5	2.872	4.90	72.0	S0312	.02260	9.8692	0.6	A
5031	20874.61	30 14N	74 60E	73.0	187.4	3.090	-2.45	72.3	S0312	.02260	9.9434	0.8	F
5032	20880.01	30 14N	74 60E	73.1	187.4	3.090	-1.40	72.3	S0312	.02260	9.9269	0.6	A
5033	21037.41	18 59N	72 51E	75.5	186.3	3.211	0.35	72.1	S0312	.04150	9.5971	1.0	F
5034	21042.81	18 59N	72 51E	75.9	186.3	3.211	1.40	72.1	S0312	.04150	9.5476	1.2	A
9001	20509.81	55 0N	82 60E	81.5	191.3	2.033	22.75	55.7	S0409	.07190	8.9220	0.8	F
9002	20515.61	55 0N	82 59E	81.6	191.2	2.033	23.10	55.7	S0409	.07190	8.8808	1.0	A
9003	20589.01	50 42N	78 23E	99.0	190.0	1.810	-44.45	59.2	S0409	.05410	7.3383	0.6	V
9004	20592.41	50 15N	78 24E	99.5	189.9	1.810	-44.10	59.2	S0409	.05410	7.2893	0.8	A
9005	20800.81	35 42N	75 33E	76.5	187.9	2.733	-23.80	69.8	S0409	.05410	9.4498	0.8	F
9006	20826.81	34 1N	74 47E	87.4	187.7	2.385	-36.75	70.1	S0409	.04090	8.3201	1.0	A
9007	20889.81	29 39N	75 1E	73.7	187.4	3.090	4.55	72.6	S0409	.05410	9.8208	1.0	A
692 5001	25767.01	59 12N	60 33E	82.4	192.4	1.687	-26.60	51.7	S0312	.03150	8.8138	0.6	A
5002	25776.21	58 9N	60 34E	77.0	192.2	1.810	-16.80	52.7	S0312	.04150	9.3827	0.4	F
5003	25779.61	58 7N	60 26E	76.9	192.1	1.810	-18.90	52.8	S0312	.04150	9.5146	1.4	V
5004	25785.21	57 57N	60 7E	80.4	192.0	1.810	-24.15	52.9	S0312	.03150	9.0199	0.4	A
5005	25793.81	56 54N	60 38E	74.0	191.8	2.033	-1.75	54.0	S0312	.04150	9.7867	1.2	F
5006	25799.01	56 54N	60 38E	74.0	191.7	2.033	-1.40	53.9	S0312	.04150	9.8114	0.8	A
5007	25820.21	55 7N	59 43E	73.8	191.3	2.033	-6.30	55.5	S0312	.04150	9.8114	0.6	F
5008	25825.41	55 5N	59 43E	73.7	191.2	2.033	-5.60	55.5	S0312	.04150	9.8527	0.6	A
5009	25914.81	48 36N	58 4E	75.8	189.7	2.385	13.65	61.2	S0312	.03150	9.5888	1.4	F
5010	25920.21	48 36N	58 4E	76.1	189.7	2.385	14.35	61.2	S0312	.03150	9.5311	1.4	A
5011	26246.61	26 0N	51 21E	81.0	187.1	2.872	-28.35	72.4	S0312	.03150	9.0282	0.8	V
5012	26254.81	25 19N	51 32E	76.0	187.1	3.090	-16.45	72.7	S0312	.04150	9.5229	0.8	F
5013	26260.21	25 13N	51 35E	75.4	187.1	3.211	-14.00	72.8	S0312	.04150	9.6218	0.6	A
5014	26265.01	24 59N	51 36E	74.8	187.1	3.211	-10.50	72.9	S0312	.04150	9.7043	0.6	A
9001	25700.61	63 15N	63 27E	76.8	194.4	1.475	-11.20	48.2	S0409	.07190	9.4003	0.8	F
9002	25706.21	63 13N	63 26E	76.6	194.2	1.687	-11.20	48.2	S0409	.07190	9.4580	0.8	A
9003	25728.01	61 17N	63 9E	75.8	193.5	1.810	5.60	50.0	S0409	.05410	9.5487	0.8	F
9004	25733.41	61 16N	63 10E	75.8	193.4	1.810	6.30	50.0	S0409	.05410	9.5487	0.8	A
9005	25775.01	58 13N	60 36E	77.1	192.2	1.810	-16.80	52.7	S0409	.07190	9.3391	0.8	F

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
692 9006	25780.21	58 4N	60 25E	76.9	192.1	1.810	-18.90	52.8	S0409	.07190	9.5157	0.8	V
9007	25795.01	57 58N	60 7E	80.4	192.0	1.810	-24.15	52.8	S0409	.07190	9.0210	1.0	A
9008	25793.81	56 53N	60 38E	74.1	191.8	2.033	-1.75	54.0	S0409	.07190	9.7379	0.6	F
9009	25799.21	56 53N	60 38E	74.0	191.7	2.033	-1.40	54.0	S0409	.07190	9.8126	0.4	A
9010	25804.81	56 6N	60 39E	74.9	191.6	2.170	6.65	54.7	S0409	.07190	9.6807	0.8	F
9011	25810.01	56 7N	60 38E	74.9	191.5	2.033	7.35	54.7	S0409	.07190	9.6724	1.0	A
9012	25820.01	55 0N	59 43E	73.9	191.3	2.033	-6.30	55.5	S0409	.07190	9.8126	0.6	F
9013	25825.41	55 1N	59 43E	73.7	191.2	2.033	-5.60	55.5	S0409	.07190	9.8668	0.6	A
9014	25879.41	51 0N	59 44E	88.9	190.3	2.033	33.25	59.3	S0409	.05410	8.2541	0.4	V
9015	25882.61	51 0N	59 45E	90.4	190.2	1.810	33.95	59.3	S0409	.05410	7.9985	0.4	A
9016	25915.01	48 59N	58 3E	75.8	189.7	2.385	13.65	61.2	S0409	.07190	9.5800	0.4	F
9017	25920.41	48 59N	58 3E	76.0	189.7	2.385	14.35	61.2	S0409	.07190	9.5522	0.4	A
9018	25936.81	47 9N	57 5E	72.7	189.5	2.511	-2.45	62.2	S0409	.07190	9.9693	1.0	F
9019	25942.01	47 9N	57 5E	72.6	189.4	2.511	-1.75	62.2	S0409	.07190	9.9774	1.0	A
9020	26049.81	39 27N	54 27E	76.5	188.3	2.511	-21.00	67.5	S0409	.07190	9.4415	0.4	F
9021	26055.21	39 27N	54 27E	76.1	188.3	2.733	-20.30	67.5	S0409	.07190	9.5487	0.6	A
9022	26192.81	29 54N	52 36E	72.7	187.4	3.090	-8.40	72.3	S0409	.04090	9.9610	1.0	F
9023	26198.01	29 54N	52 36E	72.7	187.4	3.090	-7.70	72.3	S0409	.04090	9.9775	1.0	A
9024	26260.21	25 10N	51 35E	75.4	187.1	3.211	-14.00	72.8	S0409	.07190	9.6229	1.4	A
693 5001	30952.60	67 0N	44 18E	76.0	196.6	1.332	-6.65	44.6	S0312	.03150	9.6301	0.6	V
5002	30955.40	67 0N	44 18E	76.8	196.5	1.332	-6.30	44.6	S0312	.03150	9.4404	0.6	A
5003	30992.20	64 59N	40 45E	90.4	194.9	1.113	-34.65	46.7	S0312	.03150	8.0800	1.0	V
5004	30995.60	64 59N	40 45E	91.2	194.8	1.332	-34.65	46.7	S0312	.03150	7.9646	0.8	A
5005	31014.20	62 52N	40 35E	80.6	194.2	1.332	-21.70	48.4	S0312	.04150	9.9457	0.6	F
5006	31017.80	62 52N	40 35E	79.4	194.1	1.332	-21.35	48.4	S0312	.04150	9.2178	0.6	V
5007	31021.40	62 47N	40 32E	80.1	193.9	1.332	-21.00	48.5	S0312	.04150	9.0594	0.6	A
5008	31034.20	61 40N	40 24E	75.6	193.5	1.687	-12.25	49.6	S0312	.04150	9.7043	0.6	V
5009	31037.00	61 40N	40 24E	76.3	193.5	1.687	-11.90	49.6	S0312	.04150	9.5229	0.4	A
5010	31044.20	58 3N	38 50E	74.6	192.2	1.910	-7.35	52.9	S0312	.04150	9.6878	0.8	F
5011	31049.60	58 3N	38 49E	74.6	192.1	2.033	-7.35	52.9	S0312	.04150	9.7572	0.8	A
5012	31100.20	57 13N	37 55E	77.0	191.9	1.810	-19.60	53.5	S0312	.04150	9.5064	0.6	V
5013	31103.00	57 13N	37 55E	77.7	191.8	1.810	-19.25	53.5	S0312	.04150	9.3415	0.6	A
5014	31108.00	56 29N	38 5E	74.4	191.7	2.033	-8.40	54.3	S0312	.04150	9.7290	0.6	F
5015	31110.80	56 28N	38 5E	73.5	191.6	2.033	-8.05	54.3	S0312	.04150	9.9763	0.6	V
5016	31114.80	56 2N	37 49E	74.6	191.5	2.033	-10.15	54.7	S0312	.04150	9.6878	2.2	F
5017	31120.60	55 50N	37 49E	74.5	191.4	2.033	-9.45	54.7	S0312	.04150	9.7455	1.4	A
5018	31124.40	55 44N	37 42E	74.4	191.3	2.033	-9.45	54.9	S0312	.04150	9.7520	0.6	A
5019	31127.80	55 39N	37 35E	73.3	191.3	2.033	-8.40	55.3	S0312	.04150	10.0011	0.4	V
5020	31130.40	55 19N	37 36E	74.1	191.2	2.033	-8.05	55.3	S0312	.04150	9.8032	0.8	A
5021	31222.00	48 54N	35 20E	72.3	189.8	2.385	-7.70	60.7	S0312	.04150	10.1495	0.4	V
5022	31239.60	47 52N	34 36E	75.3	189.5	2.385	-17.50	61.7	S0312	.03150	9.6053	0.8	F
5023	31245.00	47 52N	34 36E	75.1	189.5	2.385	-16.80	61.7	S0312	.03150	9.6795	0.8	A
5024	31267.60	45 56N	34 16E	73.2	189.2	2.511	-10.15	63.3	S0312	.03150	9.8959	0.6	F
5025	31273.00	45 55N	34 16E	73.1	189.1	2.511	-9.45	63.3	S0312	.03150	9.9351	0.6	A
5026	31277.00	45 9N	34 0E	73.2	189.1	2.511	-14.35	63.6	S0312	.03150	10.0093	0.6	V
5027	31279.80	45 8N	33 60E	74.0	189.1	2.511	-14.00	63.6	S0312	.03150	9.8197	0.4	A
5028	31284.80	44 [illegible]	33 59E	72.8	189.0	2.511	-8.75	64.2	S0312	.03150	9.9434	0.6	F
5029	31290.00	44 25N	33 59E	72.8	188.9	2.511	-7.70	64.2	S0312	.03150	9.9846	0.6	A
5030	31475.60	31 41N	30 3E	87.7	187.0	2.385	-35.70	71.2	S0312	.01710	8.2284	0.8	F
5031	31478.80	31 40N	30 4E	86.0	187.0	2.385	-35.00	71.2	S0312	.01710	8.5170	0.6	V
5032	31493.40	29 58N	31 16E	78.8	187.4	2.872	18.90	72.8	S0312	.03150	9.2178	0.6	F
5033	31499.00	29 57N	31 16E	79.5	187.4	2.872	19.95	72.8	S0312	.03150	9.1106	0.6	A
5034	31511.80	29 6N	31 6E	80.0	187.3	2.733	20.65	73.0	S0312	.04150	9.0447	0.6	A
5035	32049.20	10 56S	24 27E	113.4	186.5	2.170	34.65	81.4	S0312	.02260	6.2926	0.6	A
5036	32107.60	12 0S	23 29E	93.1	186.6	3.211	11.90	44.7	S0312	.03150	7.7314	0.8	V
5037	32361.20	29 12S	18 45E	117.9	187.4	3.090	-30.80	33.2	S0312	.03150	6.1094	1.0	V
5038	32412.60	32 59S	18 1E	119.9	187.6	2.872	-27.65	29.7	S0312	.03150	5.9116	0.8	F
5039	32419.60	33 15S	18 30E	110.8	187.7	3.090	-14.70	29.7	S0312	.04150	6.5299	1.0	V
5040	32425.80	33 36S	18 37E	109.6	187.7	2.872	-7.70	29.1	S0312	.04150	6.4987	0.8	F
5041	32431.20	34 0S	18 48E	108.4	187.7	2.872	-1.75	29.1	S0312	.04150	6.6249	0.6	V
5042	32435.20	34 0S	18 48E	110.0	187.8	2.872	-1.40	29.1	S0312	.04150	6.4392	0.6	A
9001	31014.00	62 53N	40 35E	80.6	194.2	1.332	-21.70	48.4	S0409	.07190	8.9468	0.6	F
9002	31017.00	62 52N	40 35E	79.4	194.1	1.332	-21.35	48.4	S0409	.07190	9.2189	0.6	V
9003	31019.80	62 52N	40 36E	80.1	194.0	1.332	-21.00	48.4	S0409	.07190	9.0540	0.6	A
9004	31067.80	59 16N	39 8E	75.9	192.6	1.810	-12.60	51.8	S0409	.07190	9.5157	0.4	F
9005	31073.20	59 16N	39 9E	75.6	192.5	1.010	-11.90	51.8	S0409	.07190	9.6917	0.8	A
9006	31044.20	58 3N	38 50E	74.7	192.2	1.810	-7.35	52.9	S0409	.09670	9.6889	0.6	F
9007	31049.60	58 3N	38 49E	74.6	192.1	2.033	-7.35	52.9	S0409	.09670	9.7334	0.6	A
9008	31115.20	55 50N	37 49E	74.7	191.5	2.033	-10.15	54.7	S0409	.07190	9.6889	1.8	F
9009	31120.60	55 39N	37 49E	74.4	191.4	2.033	-9.45	54.7	S0409	.07190	9.7466	1.6	A
9010	31133.60	54 53N	37 24E	73.4	191.2	2.033	-9.10	55.6	S0409	.07190	9.9858	0.6	V
9011	31136.40	54 53N	37 23E	74.2	191.1	2.033	-9.10	55.6	S0409	.07190	9.7714	0.6	A
9012	31202.20	49 50N	36 17E	74.7	190.0	2.385	9.80	60.0	S0409	.07190	9.7156	0.6	F
9013	31205.00	49 39N	36 17E	73.9	190.0	2.385	10.15	60.0	S0409	.07190	9.9280	0.6	V
9014	31226.80	48 23N	35 7E	73.4	189.7	2.385	-9.80	61.1	S0409	.07190	9.8621	0.8	F
9015	31232.00	48 24N	35 7E	73.2	189.6	2.385	-9.10	61.1	S0409	.07190	9.9053	1.0	A
9016	31267.60	45 56N	34 16E	73.3	189.2	2.511	-10.15	63.3	S0409	.07190	9.8951	0.6	F
9017	31272.80	45 56N	34 16E	73.1	189.1	2.511	-9.45	63.3	S0409	.07190	9.9363	0.6	A
9018	31284.80	44 25N	33 59E	72.9	189.0	2.511	-8.75	64.2	S0409	.07190	9.9445	0.6	F
9019	31290.00	44 25N	33 59E	72.7	188.9	2.511	-7.70	64.2	S0409	.07190	9.9958	0.6	A
9020	31492.20	30 5N	31 17E	78.7	187.4	2.872	18.90	72.7	S0409	.05410	9.2189	0.8	F
9021	31497.80	30 5N	31 17E	79.4	187.4	2.872	19.95	72.8	S0409	.05410	9.1117	1.0	A
9022	31505.00	29 55N	30 54E	74.9	187.4	2.872	9.45	72.7	S0409	.04090	9.6394	0.8	A
9023	32198.20	17 55S	21 17E	104.3	186.6	3.574	-26.25	43.9	S0409	.05410	8.8605	1.2	A
694 5001	36449.80	53 56N	16 8E	80.5	191.0	2.170	21.70	56.7	S0312	.03150	9.0364	0.4	F

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
694 5002	36452.60	53 04N	16 4E	79.8	190.9	2.170	22.05	56.7	S0312	.04150	9.2013	0.6	V
5003	36461.60	53 17N	14 58E	73.4	190.8	2.170	-1.40	57.1	S0312	.04150	9.8774	0.6	F
5004	36467.00	53 17N	14 57E	73.4	190.7	2.170	-0.70	57.1	S0312	.04150	9.8959	0.6	A
5005	36475.80	52 42N	14 3E	75.9	190.5	2.033	-17.15	57.8	S0312	.03150	9.5311	0.6	F
5006	36481.20	52 40N	14 3E	76.7	190.5	2.170	-16.45	57.8	S0312	.03150	9.6053	0.6	A
5007	36487.00	51 57N	13 45E	76.2	190.4	2.033	-19.20	58.4	S0312	.03150	9.4981	0.6	F
5008	36492.40	51 57N	13 45E	75.9	190.3	2.170	-17.50	58.4	S0312	.03150	9.5806	0.6	A
5009	36504.00	50 50N	14 49E	79.3	190.1	2.170	22.40	59.7	S0312	.03150	9.2590	0.4	V
5010	36505.80	50 50N	14 49E	80.5	190.1	2.170	22.75	59.7	S0312	.03150	9.0117	0.6	A
5011	36513.60	49 42N	14 4E	74.3	190.0	2.385	9.80	60.3	S0312	.02260	9.7702	0.6	F
5012	36519.00	49 42N	14 4E	74.6	189.9	2.170	10.85	60.3	S0312	.02260	9.7672	0.6	A
5013	36601.40	43 48N	11 15E	77.5	188.9	2.385	-23.10	64.5	S0312	.02260	9.3342	0.6	F
5014	36607.00	43 47N	11 15E	77.3	188.8	2.511	-22.40	64.5	S0312	.02260	9.4269	0.6	A
5015	36733.00	35 11N	9 50E	84.2	187.8	2.733	-32.90	69.7	S0312	.03150	8.6407	0.4	A
5016	36743.80	34 50N	8 49E	81.8	187.7	2.733	-28.70	70.2	S0312	.03150	8.9787	0.4	A
9001	36461.20	53 19N	14 58E	73.4	190.8	2.170	-1.40	57.1	S0409	.07190	9.8786	0.8	F
9002	36466.40	53 19N	14 58E	73.4	190.7	2.170	-0.70	57.1	S0409	.07190	9.8951	1.0	A
9003	36486.60	51 58N	13 45E	76.2	190.4	2.033	-18.20	58.4	S0409	.07190	9.4492	0.8	F
9004	36492.00	51 58N	13 46E	75.8	190.3	2.170	-17.50	58.4	S0409	.07190	9.5817	1.0	A
9005	36706.60	36 01N	10 19E	73.2	188.0	2.733	5.60	69.5	S0409	.07190	9.8868	1.2	A
9006	36740.00	34 50N	8 50E	79.8	187.8	2.733	-28.70	70.1	S0409	.05410	9.1777	1.2	V
696 5001	47904.99	3 30S	42 49W	105.1	186.4	3.211	-38.85	56.3	S0312	.02260	6.9010	0.6	V
5002	47909.59	4 12S	43 2W	111.2	186.4	3.211	-42.00	55.7	S0312	.02260	6.9475	0.8	F
5003	47920.59	4 40S	42 11W	86.4	186.4	3.574	-11.55	55.8	S0312	.03150	8.4180	0.8	V
5004	47928.39	5 1S	42 49W	99.1	186.4	3.574	-31.85	55.2	S0312	.03150	7.2985	1.0	A
5005	48000.19	10 0S	42 25W	95.0	186.3	3.090	15.40	51.5	S0312	.03150	7.5193	1.0	A
5006	48030.59	12 0S	43 33W	92.9	186.3	3.574	-13.65	49.3	S0312	.03150	7.7255	1.0	A
5007	48042.99	13 1S	43 24W	91.0	186.3	3.439	-1.40	48.5	S0312	.03150	7.9646	1.0	V
5008	48059.79	14 11S	42 44W	106.3	186.2	2.511	26.25	48.0	S0312	.03150	6.7351	0.8	A
5009	48089.79	16 40S	43 48W	95.4	186.2	3.211	5.95	45.5	S0312	.03150	7.5276	0.8	F
5010	48105.79	17 52S	43 56W	95.7	186.1	3.090	7.70	44.7	S0312	.03150	7.5606	0.8	V
5011	48142.39	19 40S	43 56W	106.0	186.0	2.733	20.65	42.8	S0312	.03150	6.7931	1.0	A
5012	48151.19	20 42S	43 47W	112.8	186.0	2.385	28.70	42.1	S0312	.03150	6.4363	0.8	V
5013	48158.59	21 19S	43 45W	117.1	186.0	2.170	31.85	41.7	S0312	.03150	6.1754	1.0	V
5014	48177.59	22 39S	44 59W	99.6	186.0	3.211	3.50	39.9	S0312	.03150	7.1978	0.6	F
5015	48181.19	22 39S	44 59W	98.7	187.0	3.211	3.85	39.9	S0312	.03150	7.3215	0.6	V
5016	48190.39	23 12S	45 51W	102.9	187.0	3.439	-14.95	39.0	S0312	.03150	7.0164	0.8	V
5017	48194.19	23 12S	45 51W	104.1	187.0	3.439	-19.25	39.1	S0312	.03150	6.8580	0.8	A
5018	48204.99	23 30S	46 17W	110.8	187.0	3.439	-27.30	38.3	S0312	.03150	6.4557	1.0	A
9001	47891.79	2 30S	41 44W	84.5	186.4	3.574	-7.00	57.5	S0409	.05410	8.6087	1.4	V
9002	47949.39	9 31S	42 60W	89.0	186.3	3.439	-10.50	51.7	S0409	.05410	8.1951	1.0	V
9003	48006.99	10 47S	42 40W	91.8	186.3	3.090	10.50	50.8	S0409	.05410	7.8395	1.2	V
9004	48014.79	11 3S	43 9W	90.6	186.3	3.574	-5.60	50.4	S0409	.05410	7.8830	0.8	A
9005	48055.39	14 9S	42 44W	105.1	186.2	2.511	26.60	48.1	S0409	.05410	6.8335	1.2	V
9006	48096.79	16 37S	44 21W	95.8	186.2	3.439	-12.60	45.2	S0409	.05410	7.4542	1.0	A
9007	48118.59	18 12S	45 39W	104.5	186.1	2.733	21.00	44.3	S0409	.05410	6.7946	1.0	V
9008	48131.39	19 0S	46 57W	103.4	186.1	2.872	16.20	43.0	S0409	.05410	6.9512	1.4	F
697 5001	53000.19	10 41N	61 31W	77.7	186.5	3.439	-8.40	67.8	S0312	.03150	9.3992	0.6	V
5002	53003.19	10 41N	61 31W	78.7	186.5	3.439	-8.05	67.8	S0312	.03150	9.1848	0.4	A
5003	53418.59	18 1S	66 40W	93.5	186.7	3.439	-11.55	44.0	S0312	.03150	7.7419	1.0	V
5004	53425.79	18 0S	66 52W	95.2	186.8	3.439	-15.40	43.5	S0312	.03150	7.6318	1.0	V
5005	53443.39	19 3S	65 45W	110.9	186.8	2.385	28.00	43.1	S0312	.03150	6.3990	0.4	A
5006	53612.19	31 0S	68 24W	112.0	187.5	2.733	15.75	31.7	S0312	.03150	6.3733	0.8	F
5007	53620.79	31 3S	68 31W	111.5	187.5	2.511	14.00	31.6	S0312	.03150	6.5455	1.0	A
5008	53670.39	35 47S	69 34W	110.9	187.8	2.733	7.70	27.9	S0312	.04150	6.4227	0.6	F
5009	53678.59	35 47S	69 34W	111.9	187.9	2.733	8.40	27.9	S0312	.04150	6.3156	0.8	A
9001	53208.79	3 21S	64 42W	100.5	186.4	3.439	-34.30	56.6	S0409	.05410	7.1739	1.0	A
9002	53567.79	28 0S	67 34W	112.4	187.3	2.511	20.30	35.1	S0409	.05410	6.2916	1.2	A
698 5001	56664.39	56 0N	94 30E	118.5	348.4	-2.028	-31.15	-6.3	S0312	.29710	6.0270	0.8	F
5002	56672.59	56 16N	93 35E	104.1	348.5	-2.028	-18.90	-7.9	S0312	.29710	6.9459	0.6	V
699 5001	63210.99	37 52N	100 20W	72.2	188.1	2.872	-9.45	66.7	S0312	.03150	10.0176	0.8	F
5002	63216.19	37 52N	100 21W	72.3	188.1	2.872	-8.75	66.7	S0312	.03150	10.0505	0.6	A
5003	63394.99	25 37N	103 24W	79.4	187.1	3.090	-25.55	72.5	S0312	.03150	7.1601	1.0	A
5004	63408.79	24 41N	103 41W	81.6	187.0	3.090	-29.40	72.4	S0312	.03150	6.9127	1.0	A
5005	63442.19	20 36N	104 2W	75.4	186.9	3.211	-13.65	72.2	S0312	.03150	9.5868	0.4	F
5006	63447.59	20 36N	104 2W	75.4	186.8	3.211	-12.60	72.3	S0312	.03150	9.6218	0.6	A
9001	63210.99	37 52N	100 20W	72.3	188.1	2.872	-9.45	68.7	S0409	.05410	10.0187	0.6	F
9002	63216.19	37 52N	100 21W	72.2	188.1	2.872	-8.75	66.7	S0409	.05410	10.0517	0.6	A
9003	63330.19	29 40N	102 20W	74.7	187.4	3.090	-16.45	72.2	S0409	.07190	9.6889	0.8	F
9004	63456.39	20 57N	103 59W	75.5	186.9	3.211	-14.35	72.5	S0409	.05410	9.5852	0.8	F
704 5001	3207.77	47 42N	152 58E	83.1	189.6	2.033	28.00	62.2	S0312	.02260	8.8503	0.6	V
5002	3210.97	47 41N	152 58E	84.4	189.5	2.033	28.35	62.2	S0312	.02260	8.5912	0.4	A
5003	3232.17	46 15N	150 34E	80.8	189.5	2.033	-29.40	62.7	S0312	.02260	9.0694	0.4	V
5004	3235.17	46 14N	150 34E	81.6	189.2	2.385	-29.40	62.7	S0312	.02260	8.9292	0.4	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
705 5001	8202.17	69 26N	139 53E	83.4	190.2	0.986	-23.45	42.3	S0312	.0315U	8.6984	1.0	A
5002	8481.57	50 15N	129 31E	84.4	190.0	1.810	-31.85	59.5	S0312	.0226U	8.5417	0.8	F
5003	8485.77	50 0N	129 33E	82.0	190.0	2.033	-30.45	59.6	S0312	.0226U	8.9375	0.6	V
5004	8488.77	50 0N	129 33E	82.7	189.9	2.033	-30.10	59.6	S0312	.0226U	8.8056	0.6	A
5005	8555.37	45 10N	128 1E	84.5	189.1	2.033	-32.90	63.4	S0312	.0226U	8.5417	0.6	F
5006	8559.57	45 4N	128 6E	81.2	189.1	2.033	-30.10	63.5	S0312	.0315U	9.0364	0.4	V
5007	8579.17	43 40N	127 22E	90.1	188.9	2.033	-38.20	64.3	S0312	.0226U	8.1377	0.4	V
5008	8640.57	39 10N	126 38E	82.6	188.3	2.305	-31.15	67.5	S0312	.0226U	8.7478	0.6	F
5009	8649.17	38 50N	127 25E	71.7	188.2	2.872	0.70	68.4	S0312	.0315U	10.1248	0.4	F
5010	8654.37	38 40N	127 25E	71.8	188.2	2.733	1.40	68.4	S0312	.0315U	10.1083	0.4	A
5011	8667.37	37 20N	127 58E	84.2	188.1	2.385	29.40	69.6	S0312	.0315U	8.7149	0.8	V
9001	8649.17	38 50N	127 25E	71.8	188.2	2.872	0.70	68.4	S0409	.0719U	10.1259	0.4	F
9002	8654.17	38 40N	127 24E	71.8	188.2	2.733	1.40	68.4	S0409	.0719U	10.1095	0.4	A
706 5001	13462.37	72 37N	121 55E	80.9	201.5	0.986	-15.05	39.3	S0312	.0315U	8.9540	0.4	A
5002	13768.77	51 45N	107 49E	85.8	190.4	1.687	-33.25	58.2	S0312	.0226U	8.4098	0.8	F
5003	13774.77	51 40N	107 49E	85.1	190.3	2.033	-32.90	58.2	S0312	.0226U	8.5417	1.0	A
5004	13824.17	47 57N	106 59E	78.4	189.6	2.033	-25.20	61.4	S0312	.0315U	9.2260	0.6	F
5005	13831.37	47 24N	107 28E	71.9	189.5	2.385	-6.30	62.1	S0312	.0315U	10.0758	0.8	F
5006	13836.57	47 24N	107 28E	71.9	189.4	2.385	-6.60	62.1	S0312	.0315U	10.1083	0.6	A
5007	13958.37	38 52N	106 7E	84.3	188.2	2.511	29.05	68.9	S0312	.0315U	8.6489	0.6	F
5008	13961.97	38 30N	106 6E	83.4	188.2	2.511	29.05	69.0	S0312	.0315U	8.8220	0.6	V
5009	13964.37	38 24N	106 2E	83.5	188.2	2.511	28.00	69.0	S0312	.0226U	8.6319	0.4	A
5010	13990.57	37 12N	104 5E	80.7	188.1	2.511	-30.10	68.8	S0312	.0226U	8.9540	0.8	F
5011	13997.77	36 40N	104 32E	72.0	188.0	2.733	-10.15	69.4	S0312	.0315U	10.0670	0.4	F
5012	13992.77	36 41N	104 33E	72.0	188.0	2.872	-9.10	69.4	S0312	.0315U	10.1006	0.6	A
5013	13999.97	36 0N	103 46E	81.1	187.9	2.511	-31.50	69.3	S0312	.0315U	9.0364	0.4	V
5014	14002.77	36 0N	103 45E	81.9	187.9	2.733	-31.50	69.3	S0312	.0315U	8.8880	0.6	A
5015	14095.17	29 10N	103 4E	72.6	187.4	3.090	-4.20	72.5	S0312	.0226U	9.9926	0.4	F
5016	14100.37	29 10N	103 4E	72.7	187.3	3.099	-3.50	72.5	S0312	.0226U	9.9846	0.4	A
5017	14140.77	26 50N	101 41E	86.2	187.2	2.872	-34.65	72.2	S0312	.0315U	8.4593	0.6	A
9001	13622.77	61 50N	113 0E	75.8	193.6	1.687	-10.15	49.8	S0409	.0719U	9.5322	0.8	F
9002	13628.17	61 30N	113 0E	75.6	193.4	1.687	-9.80	49.8	S0409	.0719U	9.5900	0.8	A
9003	13768.57	51 45N	107 49E	85.8	190.4	1.687	-33.25	58.2	S0409	.0541U	8.4108	1.0	F
9004	13774.77	51 40N	107 49E	85.1	190.3	2.033	-32.90	58.2	S0409	.0541U	8.5427	0.8	A
9005	13987.57	36 41N	104 32E	72.1	188.0	2.733	-10.15	69.4	S0409	.0719U	10.0682	0.4	F
9006	13992.77	36 41N	104 33E	71.9	188.0	2.872	-9.10	69.4	S0409	.0719U	10.1012	0.4	A
707 5001	19294.56	36 40N	82 53E	72.1	188.0	2.872	6.65	69.6	S0312	.0315U	10.0855	0.6	F
5002	19299.76	36 40N	82 53E	72.4	188.0	2.733	7.70	69.6	S0312	.0315U	10.0258	0.6	A
5003	19444.76	26 20N	80 25E	73.5	187.2	3.211	-2.80	73.0	S0312	.0315U	9.8774	0.8	F
5004	19450.16	26 20N	80 24E	73.7	187.1	3.211	-2.10	73.0	S0312	.0315U	9.8527	0.6	A
5005	19521.36	21 0N	79 34E	75.4	186.9	3.211	5.25	72.8	S0312	.0315U	9.6301	0.6	F
5006	19526.96	21 0N	79 34E	75.9	186.9	3.211	6.30	72.8	S0312	.0315U	9.5476	0.4	A
9001	19294.56	36 40N	82 53E	72.2	188.0	2.872	6.65	69.6	S0409	.0719U	10.0847	0.6	F
9002	19299.76	36 40N	82 53E	72.4	188.0	2.733	7.70	69.6	S0409	.0719U	10.0270	0.6	A
9003	19444.76	26 20N	80 25E	73.5	187.2	3.211	-2.80	73.0	S0409	.0719U	9.8786	0.6	F
9004	19449.96	26 20N	80 25E	73.6	187.1	3.211	-2.10	73.0	S0409	.0719U	9.8538	0.8	A
9005	19521.36	21 7N	79 34E	75.5	186.9	3.211	5.25	72.8	S0409	.0719U	9.6612	0.6	F
9006	19526.76	21 0N	79 34E	75.8	186.9	3.211	6.30	72.8	S0409	.0541U	9.5487	0.6	A
70A 5001	24126.56	69 50N	75 51E	81.5	198.3	1.332	17.50	43.0	S0312	.0226U	8.8798	0.6	F
5002	24132.36	69 30N	75 51E	81.6	198.0	1.332	17.85	43.0	S0312	.0226U	8.8380	0.6	A
5003	24287.36	58 14N	68 20E	79.4	192.3	2.033	18.55	53.0	S0312	.0415U	9.1456	0.4	F
5004	24292.76	58 10N	68 19E	79.0	192.2	1.810	18.20	53.0	S0312	.0415U	9.1848	1.4	A
5005	24304.16	57 14N	65 31E	87.9	191.9	1.475	-33.60	53.6	S0312	.0315U	8.2119	0.6	F
5006	24309.36	57 11N	65 30E	86.5	191.8	1.687	-33.60	53.6	S0312	.0315U	8.4758	0.6	V
5007	24313.56	56 55N	65 34E	83.3	191.7	1.687	-30.10	53.9	S0312	.0315U	8.7973	0.4	V
5008	24316.56	56 50N	65 35E	84.0	191.7	1.687	-29.75	53.9	S0312	.0315U	8.6654	0.4	A
5009	24329.96	55 58N	64 58E	86.3	191.4	1.475	-32.55	54.9	S0312	.0226U	8.3521	0.8	F
5010	24336.96	55 27N	65 18E	79.7	191.2	2.033	-24.15	55.2	S0312	.0315U	9.1271	0.6	A
5011	24382.36	51 42N	66 7E	88.2	190.4	2.033	31.85	58.9	S0312	.0315U	8.2449	0.4	F
5012	24385.56	51 42N	66 7E	87.6	190.4	2.033	32.20	58.9	S0312	.0315U	8.3851	0.4	V
5013	24390.16	51 42N	65 45E	84.8	190.3	2.033	28.35	59.3	S0312	.0315U	8.5829	1.4	F
5014	24393.96	51 9N	65 44E	84.1	190.3	2.033	28.70	59.3	S0312	.0315U	8.7313	0.6	V
5015	24395.36	51 6N	65 42E	84.1	190.2	2.033	28.70	59.4	S0312	.0315U	8.7313	0.6	V
5016	24398.36	51 4N	65 42E	85.4	190.2	2.033	29.05	59.4	S0312	.0315U	8.4840	0.6	A
5017	24467.56	46 2N	63 19E	74.0	189.3	2.511	9.45	63.3	S0312	.0315U	9.8197	1.8	F
5018	24472.96	46 1N	63 19E	74.3	189.2	2.511	10.15	63.3	S0312	.0315U	9.7785	0.6	A
5019	24474.16	45 57N	63 17E	74.3	189.2	2.511	10.15	63.4	S0312	.0315U	9.7702	0.6	A
5020	24478.56	45 56N	63 17E	75.1	189.1	2.511	12.60	63.6	S0312	.0315U	9.6713	0.6	A
5021	24618.96	35 57N	59 27E	82.6	187.9	2.385	-32.90	69.4	S0312	.0315U	8.8798	0.6	V
5022	24621.96	35 57N	59 27E	83.3	187.9	2.385	-32.55	69.4	S0312	.0315U	8.7478	0.6	A
5023	24818.96	21 56N	56 44E	84.0	186.9	3.090	-30.10	72.1	S0312	.0315U	8.5994	1.0	F
5024	24823.76	21 50N	56 35E	86.3	186.9	2.872	-33.60	72.0	S0312	.0315U	8.4758	0.8	V
5025	24839.56	20 56N	56 32E	83.9	186.9	3.211	-29.40	71.9	S0312	.0315U	8.6571	0.8	A
9001	24333.56	55 29N	65 19E	78.7	191.3	1.687	-23.80	55.2	S0409	.0719U	9.3178	0.4	V
9002	24336.36	55 29N	65 19E	79.6	191.2	2.033	-24.15	55.2	S0409	.0719U	9.1282	0.6	A
9003	24798.36	23 30N	58 17E	81.0	187.0	2.872	20.30	73.5	S0409	.0409U	8.9136	0.8	A
9004	24806.16	22 56N	57 46E	74.0	187.0	3.211	4.55	73.1	S0409	.0719U	9.9115	1.0	V
9005	24831.96	21 20N	56 53E	78.2	186.9	3.211	-19.60	72.3	S0409	.0541U	9.2766	0.8	A

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
709 5001	29322.16	76 10N	62 42E	79.8	208.2	0.776	-5.95	35.6	S0312	.05390	9.0447	1.0	F
5002	29327.96	76 10N	62 42E	79.7	207.4	0.776	-5.60	35.6	S0312	.05390	9.0941	1.0	A
5003	29646.36	54 04N	43 19E	75.9	191.2	2.033	-16.45	55.7	S0312	.04150	9.5311	1.4	F
5004	29651.76	54 04N	43 20E	75.6	191.1	2.033	-15.75	55.7	S0312	.04150	9.6136	1.4	A
5005	29697.36	51 20N	41 57E	76.5	190.3	2.033	-19.60	58.7	S0312	.03150	9.4487	1.4	F
5006	29702.76	51 20N	41 57E	76.3	190.2	2.033	-18.90	58.7	S0312	.03150	9.5394	1.4	A
5007	29756.36	47 44N	41 9E	72.9	189.5	2.385	-9.05	61.8	S0312	.03150	9.9681	0.6	A
5008	29768.56	46 27N	41 32E	76.2	189.4	2.511	15.40	63.1	S0312	.03150	9.5476	0.6	F
5009	29773.96	46 27N	41 31E	76.6	189.3	2.385	16.10	63.1	S0312	.03150	9.4816	1.0	A
5010	29955.96	33 42N	36 59E	81.3	187.7	2.511	-29.05	70.5	S0312	.03150	8.8715	0.8	F
5011	29963.16	33 27N	36 31E	90.7	187.7	2.385	-39.90	70.4	S0312	.01710	8.0800	0.8	V
5012	29966.56	33 26N	36 31E	91.4	187.7	2.385	-39.55	70.4	S0312	.01710	7.9946	0.6	A
5013	29970.96	32 40N	36 38E	83.8	187.5	2.385	-32.90	70.9	S0312	.03150	8.6077	0.6	F
5014	29973.96	32 40N	36 38E	82.6	187.6	2.385	-32.55	70.9	S0312	.03150	8.8715	0.6	V
5015	29978.56	32 26N	36 16E	91.7	187.6	2.385	-40.60	70.8	S0312	.01710	7.9893	0.8	V
5016	29981.76	32 24N	36 16E	92.4	187.6	2.385	-40.25	70.8	S0312	.01710	7.8821	1.0	A
5017	29994.16	31 17N	36 16E	85.6	187.5	2.511	-35.35	71.3	S0312	.03150	8.5500	1.0	V
5018	30034.36	28 13N	36 41E	73.2	187.3	3.090	3.15	72.9	S0312	.03150	9.9104	0.6	F
5019	30039.56	28 14S	36 42E	73.5	187.3	3.090	4.20	72.9	S0312	.03150	9.8509	0.6	A
5020	30612.56	11 0S	28 53E	96.8	186.5	3.574	-23.45	80.0	S0312	.03150	7.4204	1.0	A
5021	30812.16	25 18S	27 11E	103.2	187.1	3.090	7.70	87.4	S0312	.03150	6.9257	1.0	F
5022	30830.96	25 41S	27 35E	111.0	187.1	2.514	22.05	87.2	S0312	.03150	6.4970	1.0	V
5023	30837.96	26 11S	27 45E	118.2	187.1	2.170	28.00	86.8	S0312	.03150	6.1012	0.8	V
5024	30852.36	26 11S	27 45E	120.5	187.2	2.170	28.35	86.9	S0312	.03150	5.8786	0.6	A
9001	29322.36	76 14N	62 40E	79.9	208.1	0.776	-5.95	35.7	S0409	.09670	9.0457	0.6	F
9002	29327.96	76 14N	62 42E	79.7	207.4	0.776	-5.60	35.7	S0409	.09670	9.0952	1.0	A
9003	29405.76	70 6?N	53 49E	79.3	200.1	0.986	-12.60	40.9	S0409	.07190	9.1034	1.0	F
9004	29411.56	70 5?N	53 49E	79.0	199.7	1.113	-12.25	40.9	S0409	.07190	9.1694	0.8	A
9005	29554.76	61 1?N	46 54E	74.9	193.4	1.810	1.40	50.4	S0409	.07190	9.6642	0.8	F
9006	29559.96	61 2?N	46 54E	74.8	193.2	1.810	1.75	50.4	S0409	.07190	9.7089	1.0	A
9007	29620.16	56 44N	43 13E	87.6	191.7	1.475	-33.60	54.0	S0409	.07190	9.2211	0.8	F
9008	29626.36	56 44N	43 13E	87.2	191.6	1.687	-33.60	54.0	S0409	.07190	9.3283	1.0	A
9009	29647.16	54 04N	43 18E	75.9	191.2	2.033	-16.45	55.8	S0409	.07190	9.5322	0.6	F
9010	29652.56	54 01N	43 18E	75.6	191.1	2.033	-15.75	55.8	S0409	.07190	9.6147	0.8	A
9011	29744.16	48 12N	41 17E	73.0	189.7	2.385	-8.75	61.4	S0409	.07190	9.9115	1.0	F
9012	29749.56	48 11N	41 17E	72.9	189.6	2.385	-8.05	61.4	S0409	.07190	9.9610	0.8	A
9013	29942.96	34 05N	37 39E	73.3	187.8	2.872	-12.60	70.5	S0409	.04090	9.8703	1.0	F
9014	29946.36	34 05N	37 38E	73.2	187.8	2.872	-11.90	70.5	S0409	.04090	9.9115	0.8	A
9015	30875.16	29 4S	25 56E	105.2	187.4	3.211	-5.95	83.6	S0409	.07190	6.7368	1.2	A
710 5001	34540.75	60 06N	58 0E	81.7	224.4	0.417	4.90	30.6	S0312	.03150	8.8503	0.4	F
5002	34551.55	60 06N	58 2E	80.7	223.5	0.417	4.90	30.6	S0312	.03150	9.0529	0.6	V
5003	34733.35	69 42N	31 31E	76.5	198.7	1.332	4.55	42.2	S0312	.04150	9.5641	0.4	V
5004	34736.15	69 42N	31 30E	77.4	198.6	1.332	4.55	42.2	S0312	.04150	9.3662	0.4	A
5005	34882.75	59 20N	24 53E	81.0	192.8	1.810	21.35	51.9	S0312	.03150	8.9705	0.6	F
5006	34887.55	59 20N	24 56E	81.4	192.7	1.810	23.80	52.1	S0312	.03150	8.9952	0.4	V
5007	34949.15	59 14N	24 52E	81.4	192.6	1.810	23.80	52.2	S0312	.03150	9.0034	0.4	V
5008	34892.15	59 15N	24 52E	82.8	192.5	1.810	24.15	52.2	S0312	.03150	8.7643	0.4	A
5009	34904.15	59 24N	24 33E	84.1	192.2	1.687	26.25	52.9	S0312	.03150	8.6159	0.8	A
5010	35045.15	48 06N	19 23E	72.6	189.7	2.385	-6.30	61.1	S0312	.03150	9.9926	0.6	F
5011	35050.35	48 06N	19 23E	72.5	189.7	2.385	-5.60	61.1	S0312	.03150	10.0176	0.6	A
5012	35057.15	47 57N	19 8E	71.9	189.6	2.385	-7.35	61.6	S0312	.04150	10.1990	0.4	V
5013	35060.95	47 04N	19 2E	72.6	189.5	2.385	-6.65	62.0	S0312	.03150	9.9763	0.6	F
5014	35074.15	46 56N	18 52E	72.4	189.4	2.511	-3.50	62.7	S0312	.03150	10.0176	0.6	F
5015	35079.35	46 56N	18 52E	72.4	189.3	2.511	-2.80	62.8	S0312	.03150	10.0258	0.6	A
5016	35084.95	46 11N	18 58E	73.0	189.2	2.511	4.90	63.2	S0312	.03150	9.9434	0.6	A
5017	35092.55	45 18N	18 49E	73.4	189.2	2.511	7.35	63.9	S0312	.03150	9.8939	0.6	F
5018	35097.75	45 16N	18 49E	73.6	189.1	2.511	8.05	63.9	S0312	.03150	9.8609	0.6	A
5019	35102.95	44 34N	18 42E	74.1	189.0	2.511	10.85	64.5	S0312	.03150	9.8062	0.6	F
5020	35108.35	44 34N	18 42E	74.4	189.0	2.511	11.55	64.5	S0312	.03150	9.7557	0.6	A
5021	35135.55	42 26N	18 34E	80.9	188.7	2.385	25.20	66.2	S0312	.04150	9.0859	0.4	V
5022	35138.55	42 26N	18 35E	82.1	188.7	2.170	25.90	66.2	S0312	.04150	8.8303	0.4	A
5023	35369.35	26 04N	13 10E	87.7	187.2	2.733	-36.40	72.2	S0312	.01710	8.3521	0.4	V
5024	35372.55	26 04N	13 10E	88.4	187.2	2.733	-36.05	72.2	S0312	.01710	8.2284	0.4	A
5025	35669.95	5 01N	10 24E	80.7	186.4	3.439	3.50	64.3	S0312	.03150	8.9622	0.6	F
9001	34763.35	67 06N	30 38E	82.3	197.1	1.332	22.05	44.3	S0409	.04090	8.8973	1.4	V
9002	35062.75	47 20N	18 60E	72.7	189.5	2.385	-6.65	62.1	S0409	.07190	9.9610	0.8	F
9003	35067.95	47 20N	18 60E	72.6	189.4	2.385	-5.95	62.1	S0409	.07190	9.9940	1.0	A
9004	35113.15	43 56N	18 19E	72.6	188.9	2.511	4.55	64.9	S0409	.07190	9.9940	0.8	F
9005	35118.35	43 56N	18 19E	72.7	188.9	2.511	5.25	64.9	S0409	.07190	9.9693	0.6	A
711 5001	40333.75	49 46N	1 52W	74.0	190.0	2.385	8.40	60.4	S0312	.03150	9.8114	0.8	F
5002	40339.15	49 46N	1 52W	74.2	189.9	2.385	9.10	60.4	S0312	.03150	9.7785	0.6	A
5003	40594.35	32 10N	7 52W	88.1	187.6	2.385	-37.45	70.9	S0312	.01710	8.5191	1.0	V
5004	40601.95	31 56N	8 2W	89.7	187.5	2.385	-38.85	71.1	S0312	.01710	8.1624	0.8	V
5005	40874.55	12 56N	11 15W	86.5	186.8	3.439	-29.05	68.6	S0312	.01710	8.3951	0.8	A
9001	40333.75	49 46N	1 52W	74.0	190.0	2.385	8.40	60.4	S0409	.07190	9.8126	0.6	F
9002	40339.15	49 46N	1 53W	74.2	189.9	2.385	9.10	60.4	S0409	.07190	9.7796	0.6	A
9003	40866.15	13 18N	10 30W	76.5	186.6	3.439	-2.80	69.4	S0409	.07190	9.5487	1.2	V
712 5001	46449.35	5 54S	35 16W	95.9	186.5	2.872	22.75	55.2	S0312	.03150	7.5853	0.6	V
5002	46452.95	5 54S	35 16W	97.6	186.5	2.872	23.10	55.3	S0312	.03150	7.3297	0.6	A

Handle via
BYEMAN Channels
BYE-8915/84

Approved for Release: 2021/01/22 C05132886

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
713 5001	52027.54	24 00S	61 30W	100.0	187.0	3.211	-4.55	37.9	S0312	.04150	7.2225	0.8	V
9001	52022.74	24 20S	61 40W	101.7	187.0	3.211	-10.50	37.9	S0409	.07190	7.0254	1.2	F
9002	52039.74	25 0S	61 6W	105.6	187.1	2.872	12.25	37.5	S0409	.05410	6.7203	1.0	A
9003	52054.94	26 47S	61 10W	107.8	187.2	2.733	16.80	36.4	S0409	.05410	6.6874	1.0	V
9004	52069.94	27 16S	62 54W	112.8	187.2	3.211	-27.65	34.9	S0409	.05410	6.3905	1.0	V
9005	52075.94	27 25S	62 54W	113.4	187.2	3.439	-26.60	34.8	S0409	.05410	6.2916	1.0	A
9006	52082.74	28 27S	63 4W	113.3	187.3	3.211	-25.90	33.9	S0409	.05410	6.2751	0.8	F
9007	52090.94	28 01S	62 33W	105.8	187.3	3.211	-10.85	34.0	S0409	.07190	6.7203	1.0	A
9008	52095.74	29 7S	62 39W	104.7	187.3	3.211	-10.50	33.5	S0409	.07190	6.8853	0.8	V
9009	52105.34	29 26S	61 44W	113.5	187.4	2.385	18.90	33.4	S0409	.05410	6.2256	1.0	A
9010	52144.34	32 20S	63 11W	106.6	187.6	3.090	-5.25	30.4	S0409	.07190	6.7503	0.8	V
9011	52148.34	32 25S	63 11W	108.1	187.6	3.090	-4.90	30.4	S0409	.07190	6.5556	0.6	A
9012	52233.74	38 41S	62 16W	154.9	188.2	1.332	41.65	25.3	S0409	.05410	4.6176	1.0	V
9013	52239.54	38 41S	62 15W	158.6	188.2	1.113	42.35	25.3	S0409	.05410	4.4280	1.0	A
714 9001	56669.74	20 44N	75 28W	74.9	186.9	3.211	-3.85	72.5	S0409	.07190	9.6807	0.4	F
9002	56672.54	20 40N	75 29W	74.0	186.9	3.211	-3.50	72.5	S0409	.07190	9.5951	0.4	V
715 9001	61938.14	29 50N	95 21W	75.3	187.4	2.872	11.55	72.7	S0409	.07190	9.6559	3.4	F
9002	61945.74	29 54N	95 23W	75.8	187.4	2.872	12.60	72.7	S0409	.05410	9.5487	3.6	A
9003	61961.54	22 16N	97 52W	81.8	186.9	2.872	-26.95	72.2	S0409	.05410	8.8148	0.6	F
9004	61964.54	22 15N	97 52W	80.5	186.9	3.090	-26.60	72.3	S0409	.05410	9.0952	0.6	V
716 5001	67070.54	34 05N	116 47W	72.0	187.8	2.872	-4.20	70.5	S0130	.01710	10.0588	0.4	F
5002	67075.74	34 05N	116 47W	72.1	187.8	2.872	-3.50	70.5	S0130	.01710	10.0505	0.6	A
9001	67070.54	34 05N	116 47W	72.1	187.8	2.872	-4.20	70.5	S0409	.05410	10.0600	0.6	F
9002	67075.74	34 05N	116 47W	72.1	187.8	2.872	-3.50	70.5	S0409	.05410	10.0547	0.6	A
720 9001	1564.32	57 04N	162 12E	75.0	192.1	2.033	5.95	53.6	S0409	.05410	9.6559	1.0	F
9002	1569.72	57 04N	162 13E	75.1	191.9	1.810	7.00	53.6	S0409	.05410	9.6559	1.0	A
9003	1575.12	57 2N	161 44E	73.4	191.8	2.033	0.70	54.1	S0409	.05410	9.9440	0.4	V
9004	1577.92	57 2N	161 44E	74.2	191.8	2.033	1.05	54.1	S0409	.05410	9.7714	0.4	A
9005	1583.92	56 59N	160 51E	75.7	191.6	1.810	-13.65	54.6	S0409	.05410	9.5405	0.8	F
9006	1589.32	56 56N	160 50E	75.6	191.5	2.033	-13.65	54.6	S0409	.05410	9.5982	0.8	A
9007	1628.72	53 10N	159 46E	74.5	190.8	2.033	-10.85	57.3	S0409	.07190	9.7156	0.4	F
9008	1631.52	53 10N	159 45E	73.5	190.7	2.033	-10.85	57.3	S0409	.07190	9.9693	0.4	V
721 9001	6918.32	35 6N	137 59E	77.4	191.2	2.033	-19.25	55.6	S0409	.05410	9.3838	0.4	A
9002	6971.92	51 2N	136 51E	74.1	190.2	2.170	-11.20	59.2	S0409	.05410	9.7549	0.4	F
9003	6976.52	50 43N	136 52E	73.4	190.2	2.385	-7.35	59.5	S0409	.07190	9.8621	0.6	F
9004	6980.32	50 27N	136 51E	73.2	190.1	2.385	-5.25	59.7	S0409	.05410	9.8951	0.4	F
9005	6984.92	50 29N	136 52E	73.1	190.0	2.385	-4.55	59.7	S0409	.05410	9.9280	1.0	A
9006	6990.92	50 6N	136 37E	73.4	190.0	2.385	-4.05	60.0	S0409	.05410	9.8951	0.4	A
9007	7002.92	49 50N	136 15E	73.3	189.8	2.385	-4.05	60.9	S0409	.05410	9.8736	0.4	F
9008	7008.52	49 45N	135 45E	76.2	189.7	2.170	-21.00	60.9	S0409	.05410	9.6229	1.2	V
9009	7013.12	49 36N	135 38E	77.9	189.7	2.170	-22.75	61.0	S0409	.07190	9.3261	1.0	A
9010	7017.32	49 24N	135 25E	80.1	189.6	2.170	-24.60	61.2	S0409	.05410	9.0622	0.6	A
9011	7860.72	10 0S	123 36E	101.0	186.5	3.211	-29.40	50.6	S0409	.05410	7.0432	0.8	F
9012	7864.32	10 0S	123 35E	100.2	186.5	3.439	-29.75	50.6	S0409	.05410	7.2563	0.8	V
722 9001	11981.92	71 6N	127 23E	78.2	200.3	1.113	-1.40	41.0	S0409	.07190	9.2271	1.0	F
9002	11984.92	70 47N	126 59E	78.2	199.9	1.113	-1.75	41.3	S0409	.07190	9.2271	0.4	F
9003	11989.72	70 47N	126 59E	77.2	199.8	1.113	-1.40	41.3	S0409	.07190	9.4745	0.4	V
9004	11992.52	70 47N	126 59E	78.1	199.6	1.113	-1.40	41.3	S0409	.07190	9.2768	0.6	A
9005	12280.52	51 6N	115 27E	74.5	190.3	2.385	9.45	59.3	S0409	.05410	9.7301	0.6	F
9006	12285.92	51 6N	115 27E	74.7	190.2	2.170	10.50	59.3	S0409	.05410	9.7054	0.8	A
9007	12322.32	48 41N	114 40E	76.1	189.7	2.511	15.05	61.8	S0409	.05410	9.5487	1.0	F
9008	12327.92	48 10N	114 39E	76.3	189.6	2.385	15.75	61.8	S0409	.05410	9.4910	0.8	A
9009	12430.52	40 40N	112 0E	71.4	188.5	2.733	-2.45	67.1	S0409	.07190	10.1012	1.2	F
9010	12436.12	40 40N	112 1E	71.4	188.4	2.733	-1.40	67.1	S0409	.07190	10.1012	1.2	A
9011	12459.72	38 47N	111 49E	73.1	188.3	2.733	9.45	68.5	S0409	.07190	9.9445	0.6	F
9012	12465.12	38 47N	111 49E	73.3	188.2	2.733	10.15	68.6	S0409	.07190	9.8468	0.6	A
9013	12472.92	37 55N	111 32E	72.4	188.1	2.872	7.00	69.1	S0409	.07190	10.0352	0.4	F
9014	12480.72	37 10N	112 11E	88.5	188.1	2.511	32.55	69.9	S0409	.04090	8.2541	0.4	F
9015	12486.52	37 4N	111 55E	82.1	188.0	2.511	24.35	69.9	S0409	.04090	8.9350	0.4	V
9016	12490.52	36 59N	111 45E	81.4	188.0	2.733	24.50	70.1	S0409	.04090	8.9468	0.4	F
9017	12493.52	36 56N	111 42E	81.7	188.0	2.733	24.85	70.2	S0409	.05410	8.9055	0.4	F
9018	12496.92	36 10N	111 35E	80.2	188.0	2.733	22.75	70.3	S0409	.05410	9.0705	1.6	F
9019	12501.12	36 0N	111 30E	78.5	187.9	2.511	21.70	70.3	S0409	.05410	9.3673	1.0	V
9020	12503.12	35 57N	111 28E	78.5	187.9	2.511	21.70	70.4	S0409	.05410	9.3491	0.6	V
9021	12515.72	35 42N	109 58E	78.8	187.8	2.733	-25.90	70.1	S0409	.05410	9.1777	0.4	F
9022	12521.12	34 36N	110 9E	74.8	187.8	2.872	-17.50	70.4	S0409	.05410	9.6559	1.0	F
9023	12526.52	34 36N	110 7E	74.6	187.8	2.872	-16.80	70.4	S0409	.05410	9.7219	0.8	A
9024	12537.12	33 59N	110 29E	72.0	187.7	2.872	4.90	71.2	S0409	.07190	10.1319	0.6	V
9025	12547.72	33 40N	110 46E	80.8	187.6	2.733	23.10	72.0	S0409	.05410	9.0045	1.0	F
9026	12553.32	33 41N	110 40E	81.9	187.6	2.511	24.50	72.0	S0409	.05410	8.8613	0.8	A
9027	12813.92	14 56N	105 51E	87.7	186.6	3.211	-31.50	69.5	S0409	.04090	8.2541	0.6	A
9028	12823.32	14 0N	106 24E	77.2	186.6	3.439	-4.90	69.7	S0409	.05410	9.3591	0.6	A
9029	12832.52	13 52N	105 59E	80.2	186.6	3.439	-19.20	69.1	S0409	.05410	9.0292	0.6	A
9030	12848.92	13 4N	105 28E	86.0	186.6	3.211	-28.00	68.0	S0409	.05410	8.3613	0.6	F

Handle via
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BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
722 9031	12855.12	12 1N	105 28E	85.4	186.6	3.439	-26.95	68.1	S0409	.05410	8.4850	0.6	A
9032	13009.72	1 25N	103 60E	84.2	186.4	3.574	-12.95	60.7	S0409	.05410	8.5510	0.8	F
9033	13006.92	1 19N	103 52E	84.8	186.4	3.574	-17.50	60.6	S0409	.05410	8.5922	0.8	V
9034	13010.12	1 19N	103 52E	85.7	186.4	3.574	-16.80	60.6	S0409	.05410	8.4108	0.6	A
723 9001	17396.12	64 0N	99 35E	76.7	194.3	1.687	7.35	47.7	S0409	.07190	9.4333	0.4	F
9002	17401.52	64 9N	99 35E	76.7	194.7	1.475	8.05	47.7	S0409	.07190	9.4498	0.8	A
9003	17516.12	56 9N	94 31E	75.0	191.6	1.810	-10.85	54.8	S0409	.07190	9.6394	0.8	F
9004	17521.52	56 9N	94 31E	74.8	191.5	2.033	-10.50	54.6	S0409	.07190	9.7054	0.8	A
9005	17737.72	40 56N	89 57E	72.0	188.5	2.733	-1.75	67.0	S0409	.05410	10.0682	0.6	F
9006	17742.92	40 56N	89 57E	72.0	188.5	2.733	-0.70	67.0	S0409	.05410	10.0632	0.6	A
724 9001	22842.71	54 57N	73 23E	82.7	191.2	2.033	25.90	56.1	S0409	.07190	8.8543	0.6	V
9002	22845.71	54 57N	73 24E	84.1	191.2	1.810	26.60	56.1	S0409	.07190	8.6169	0.6	A
9003	22901.51	51 42N	71 24E	76.2	190.2	2.170	14.35	59.3	S0409	.07190	9.5075	0.6	A
9004	23023.11	42 29N	68 51E	77.9	188.7	2.511	18.90	66.2	S0409	.05410	9.3426	0.6	F
9005	23029.71	42 29N	68 50E	78.2	188.7	2.385	19.60	66.2	S0409	.05410	9.2519	0.6	A
9006	23102.51	37 14N	67 26E	76.3	188.1	2.733	17.50	69.6	S0409	.07190	9.6147	0.4	V
9007	23105.31	37 14N	67 26E	77.5	188.0	2.511	18.20	69.6	S0409	.07190	9.3426	0.4	A
9008	23113.71	36 41N	67 3E	73.9	188.0	2.733	9.45	69.8	S0409	.07190	9.7879	1.0	A
9009	23146.91	34 54N	65 16E	86.2	187.8	2.511	-36.05	70.1	S0409	.04090	8.4603	1.0	A
9010	23181.91	31 39N	65 42E	72.6	187.5	3.090	0.35	72.0	S0409	.05410	9.9940	0.6	F
9011	23187.11	31 39N	65 42E	72.7	187.5	3.090	1.05	72.0	S0409	.05410	9.9610	0.6	A
9012	23203.71	28 47N	64 54E	72.9	187.3	3.090	-7.70	72.6	S0409	.05410	9.9445	0.4	F
9013	23208.91	28 47N	64 54E	72.8	187.3	3.090	-6.65	72.6	S0409	.05410	9.9528	0.4	A
725 5001	28172.51	53 34N	49 52E	73.3	190.8	2.170	5.60	57.2	S0130	.03150	10.0093	0.6	V
5002	28179.31	52 50N	49 34E	73.9	190.7	2.170	3.85	57.7	S0130	.03150	9.8114	0.6	F
5003	28184.71	52 50N	49 34E	73.9	190.6	2.170	4.55	57.7	S0130	.03150	9.9114	0.6	A
5004	28246.51	48 16N	48 32E	79.1	189.7	2.385	20.30	61.8	S0130	.02260	9.1931	0.4	F
9001	28011.91	64 42N	55 18E	76.4	194.9	1.687	5.60	47.6	S0409	.05410	9.4663	1.0	F
9002	28017.51	64 42N	55 18E	76.4	194.7	1.475	6.30	47.6	S0409	.05410	9.4828	0.8	A
9003	28025.51	63 45N	54 10E	76.4	194.5	1.475	-9.80	48.0	S0409	.07190	9.4930	0.6	A
9004	28091.91	56 50N	52 14E	75.3	192.5	2.033	6.65	52.5	S0409	.07190	9.6147	0.6	F
9005	28097.31	56 50N	52 15E	75.4	192.4	1.810	7.70	52.6	S0409	.07190	9.6147	0.6	A
9006	28132.31	56 10N	50 23E	74.5	191.5	2.033	-8.75	54.8	S0409	.07190	9.7136	0.6	F
9007	28137.71	56 10N	50 23E	74.3	191.5	2.033	-8.05	54.8	S0409	.07190	9.7631	0.4	A
9008	28172.51	53 34N	49 52E	73.3	190.8	2.170	5.60	57.2	S0409	.07190	10.0105	0.6	V
9009	28179.31	52 50N	49 34E	73.8	190.7	2.170	3.85	57.7	S0409	.07190	9.8126	0.6	F
9010	28184.71	52 50N	49 34E	73.9	190.6	2.170	4.55	57.7	S0409	.07190	9.8126	0.6	A
9011	28196.31	51 50N	48 34E	74.7	190.4	2.170	-13.30	58.5	S0409	.07190	9.6724	0.6	F
9012	28201.71	51 50N	48 34E	74.5	190.3	2.170	-12.60	58.5	S0409	.07190	9.7384	0.6	A
9013	28230.71	49 27N	48 10E	73.0	189.7	2.385	-1.40	60.6	S0409	.07190	9.9198	0.6	F
9014	28235.91	49 27N	48 10E	73.0	189.6	2.385	-0.70	60.6	S0409	.07190	9.9280	0.4	A
9015	28246.31	48 17N	48 32E	79.1	189.7	2.385	20.30	61.8	S0409	.07190	9.1941	0.6	F
9016	28253.31	47 52N	47 56E	73.8	189.6	2.511	7.00	62.0	S0409	.07190	9.8291	1.0	F
9017	28258.71	47 52N	47 56E	73.9	189.5	2.385	7.70	62.0	S0409	.07190	9.7961	1.0	A
9018	28347.11	41 24N	46 26E	77.6	188.6	2.511	18.90	67.0	S0409	.04090	9.3756	0.6	F
9019	28352.71	41 24N	46 25E	77.9	188.5	2.385	19.60	67.0	S0409	.04090	9.2766	0.6	A
9020	28366.11	40 27N	44 39E	81.5	188.4	2.385	-31.85	66.9	S0409	.05410	8.9880	0.6	V
9021	28368.51	40 17N	44 37E	81.7	188.4	2.385	-31.85	67.0	S0409	.05410	8.9715	0.8	V
9022	28372.91	39 59N	44 33E	81.5	188.4	2.385	-31.15	67.2	S0409	.05410	8.9880	0.6	V
9023	28382.51	39 29N	43 7E	72.3	188.3	2.733	-8.05	67.9	S0409	.07190	10.0270	0.6	A
9024	28417.31	36 40N	44 34E	72.3	188.0	2.872	-5.25	69.6	S0409	.07190	10.0187	1.0	F
9025	28422.51	36 40N	44 34E	72.3	188.0	2.872	-4.55	69.6	S0409	.07190	10.0270	1.0	A
9026	28433.91	35 51N	44 22E	72.4	187.9	2.872	-2.80	70.2	S0409	.04090	10.0023	1.0	F
9027	28439.11	35 51N	44 22E	72.5	187.9	2.872	-1.75	70.3	S0409	.04090	9.9940	1.0	A
9028	28447.11	34 36N	43 42E	76.1	187.8	2.733	-19.95	70.4	S0409	.05410	9.4992	1.2	F
9029	28451.51	34 20N	43 42E	75.2	187.8	2.733	-17.50	70.6	S0409	.07190	9.6064	1.2	F
9030	28457.91	33 52N	43 51E	73.0	187.7	2.872	-8.05	70.9	S0409	.07190	9.9115	0.8	F
9031	28463.11	33 52N	43 51E	73.0	187.7	2.872	-7.35	71.0	S0409	.07190	9.9280	1.0	A
9032	28469.91	33 41N	44 13E	75.1	187.7	2.872	11.20	71.5	S0409	.07190	9.6512	0.8	A
9033	28475.11	32 59N	44 16E	77.0	187.6	2.733	14.10	71.8	S0409	.04090	9.3796	0.8	A
9034	28477.71	32 49N	44 13E	76.9	187.6	2.733	15.75	71.8	S0409	.05410	9.3920	0.8	A
9035	28488.51	32 0N	44 18E	82.0	187.6	2.511	24.50	72.3	S0409	.05410	8.8066	0.6	A
9036	28639.11	21 25N	41 13E	75.3	186.9	3.211	-12.60	72.4	S0409	.07190	9.5982	1.0	F
9037	28731.51	14 50N	40 20E	77.1	186.6	3.439	-0.35	70.3	S0409	.07190	9.3838	1.6	F
9038	28823.91	8 30N	39 16E	79.5	186.3	3.439	2.80	66.4	S0409	.05410	9.1034	1.0	F
9039	28829.71	8 30N	39 16E	79.8	186.3	3.439	3.85	66.4	S0409	.05410	9.0127	1.0	A
9040	28949.31	0 25N	37 34E	83.6	186.4	3.574	-6.65	60.0	S0409	.05410	8.5922	1.0	A
726 9001	33247.91	68 56N	36 52E	77.3	198.2	1.332	2.45	43.1	S0409	.07190	9.3508	0.8	F
9002	33253.51	68 56N	36 51E	77.2	197.9	1.332	2.80	43.1	S0409	.07190	9.3756	0.8	A
9003	33270.91	67 53N	34 21E	79.8	197.0	1.113	-17.15	44.4	S0409	.05410	9.0575	1.0	F
9004	33276.71	67 53N	34 20E	79.5	196.7	1.332	-17.15	44.4	S0409	.05410	9.1117	0.8	A
9005	33278.91	67 24N	34 13E	79.5	196.9	1.332	-17.15	44.5	S0409	.05410	9.1117	0.6	A
9006	33285.31	66 50N	34 29E	76.4	196.5	1.475	-1.40	45.4	S0409	.09670	9.4588	0.4	F
9007	33290.71	66 50N	34 30E	76.3	196.1	1.475	-0.70	45.4	S0409	.09670	9.4992	0.8	A
9008	33306.91	64 57N	34 17E	79.7	195.4	1.687	15.75	46.9	S0409	.05410	9.0869	1.0	F
9009	33312.71	64 57N	34 17E	79.8	195.2	1.475	16.45	47.0	S0409	.05410	9.0787	0.8	A
9010	33360.91	61 42N	30 13E	79.8	193.5	1.475	-21.00	49.9	S0409	.07190	9.0375	0.4	F
9011	33363.91	61 42N	30 13E	78.6	193.5	1.475	-20.65	49.9	S0409	.07190	9.3096	0.4	V
9012	33367.71	61 4N	30 10E	78.0	193.4	1.687	-17.50	50.4	S0409	.07190	9.2601	0.6	F

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
726 9013	33372.51	60 44N	30 7E	76.9	193.2	1.687	-14.70	50.7	S0409	.07190	9.3920	0.6	F
9014	33377.91	60 44N	30 8E	76.6	193.1	1.810	-14.35	50.7	S0409	.07190	9.4580	0.6	A
9015	33386.51	59 43N	30 22E	74.8	192.8	1.810	2.10	51.7	S0409	.07190	9.6807	0.8	F
9016	33391.91	59 43N	30 21E	74.7	192.7	1.810	2.45	51.7	S0409	.07190	9.6872	0.8	A
9017	33400.51	58 43N	29 50E	74.5	192.5	2.033	0.70	52.6	S0409	.07190	9.7156	0.6	F
9018	33405.91	58 43N	29 50E	74.4	192.3	2.033	1.05	52.6	S0409	.07190	9.7384	0.6	A
9019	33416.11	57 43N	28 25E	79.1	192.1	1.687	-21.70	53.3	S0409	.07190	9.1282	1.2	F
9020	33422.91	57 43N	28 27E	76.5	191.9	1.810	-16.10	53.7	S0409	.07190	9.4333	0.8	F
9021	33428.51	57 19N	28 27E	76.3	191.8	1.810	-15.75	53.8	S0409	.07190	9.4992	0.8	A
9022	33438.51	56 14N	28 20E	74.3	191.6	2.033	-8.05	54.8	S0409	.07190	9.7384	0.8	F
9023	33443.71	56 13N	28 19E	74.1	191.5	2.033	-7.70	54.8	S0409	.07190	9.7796	1.0	A
9024	33449.71	55 37N	28 25E	73.0	191.4	2.033	1.40	55.4	S0409	.07190	10.0435	0.8	V
9025	33458.11	54 59N	28 47E	77.1	191.2	2.033	17.15	56.1	S0409	.07190	9.5075	0.4	V
9026	33460.91	54 59N	28 48E	78.3	191.2	2.033	17.85	56.1	S0409	.07190	9.2456	0.8	A
9027	33471.31	53 59N	27 44E	73.5	191.0	2.170	0.35	56.8	S0409	.07190	9.8558	1.2	F
9028	33476.71	53 59N	27 44E	73.5	190.9	2.170	1.05	56.8	S0409	.07190	9.8561	0.8	A
9029	33484.11	53 16N	27 43E	73.6	190.7	2.170	7.70	57.5	S0409	.07190	9.9593	0.6	V
9030	33489.51	53 0N	27 36E	74.2	190.7	2.170	7.00	57.6	S0409	.07190	9.7451	1.4	A
9031	33496.51	52 16N	26 47E	73.7	190.5	2.170	-6.40	58.2	S0409	.07190	9.8208	0.8	F
9032	33501.71	52 16N	26 47E	73.6	190.5	2.170	-8.05	58.2	S0409	.07190	9.8621	0.8	A
9033	33523.91	50 42N	26 41E	74.2	190.1	2.385	7.70	59.9	S0409	.07190	9.7796	0.6	F
9034	33529.31	50 42N	26 40E	74.3	190.0	2.385	8.40	59.9	S0409	.07190	9.7466	0.8	A
9035	33554.51	48 17N	25 57E	73.7	189.7	2.385	7.00	61.6	S0409	.07190	9.8456	0.6	F
9036	33559.71	48 17N	25 57E	73.8	189.6	2.385	7.70	61.6	S0409	.07190	9.8126	0.6	A
9037	33568.11	47 41N	26 10E	78.1	189.5	2.170	19.60	62.2	S0409	.07190	9.2684	0.4	A
9038	33580.91	46 54N	24 34E	76.2	189.4	2.385	-19.35	62.7	S0409	.07190	9.4910	0.6	F
9039	33586.31	46 54N	24 34E	75.9	189.3	2.385	-19.25	62.7	S0409	.07190	9.5756	1.0	A
9040	33592.71	45 45N	24 43E	72.6	189.2	2.511	-7.70	63.5	S0409	.05410	9.9693	0.6	F
9041	33597.91	45 45N	24 43E	72.5	189.2	2.511	-7.00	63.5	S0409	.05410	10.0023	0.6	A
9042	33608.71	44 40N	25 38E	84.6	189.0	2.170	29.75	64.7	S0409	.04090	8.6746	0.6	V
9043	33611.91	44 40N	25 37E	85.9	189.0	2.170	30.10	64.8	S0409	.04090	8.4108	0.6	A
9044	34234.51	1 39N	16 4E	83.5	186.4	3.211	7.70	61.3	S0409	.05410	8.7241	1.0	V
9045	34244.91	0 3S	14 33E	101.6	186.4	3.439	-37.10	59.1	S0409	.05410	7.0997	1.0	A
9046	34316.31	4 15S	15 16E	90.8	186.4	3.211	14.70	56.5	S0409	.04090	7.9572	1.0	F
9047	34320.11	4 15S	15 17E	90.6	186.4	3.211	16.10	56.5	S0409	.05410	8.0232	1.0	V
9048	34323.51	4 16S	15 17E	92.3	186.4	3.211	16.80	56.5	S0409	.05410	7.7511	0.8	A
9049	34341.51	5 24S	14 43E	87.9	186.4	3.439	2.80	55.2	S0409	.05410	8.1387	1.0	A
9050	34347.31	6 0S	14 38E	87.1	186.5	3.439	3.15	54.7	S0409	.05410	8.3366	0.8	V
9051	34353.31	6 14S	14 14E	88.6	186.5	3.574	-10.85	54.3	S0409	.05410	8.0974	1.0	A
9052	34362.71	7 7S	14 15E	87.2	186.5	3.439	-4.20	53.7	S0409	.05410	8.4283	0.8	V
9053	34367.71	7 16S	14 27E	89.4	186.5	3.439	4.55	53.7	S0409	.05410	7.9985	1.0	A
9054	34384.51	8 48S	13 29E	94.8	186.5	3.439	-22.40	51.9	S0409	.05410	7.5532	1.0	F
9055	34388.91	8 51S	13 19E	97.0	186.5	3.439	-26.95	51.8	S0409	.05410	7.4472	0.6	V
9056	34392.51	8 51S	13 19E	98.1	186.5	3.439	-26.60	51.8	S0409	.05410	7.3223	0.6	A
9057	34442.71	12 36S	13 12E	91.5	186.6	3.439	-7.35	48.7	S0409	.07190	7.9244	0.4	V
727 9001	39046.30	35 40N	0 35W	81.6	187.9	2.511	-29.40	69.7	S0409	.05410	8.8313	1.2	F
9002	39052.10	35 41N	0 35W	81.3	187.9	2.733	-29.05	69.7	S0409	.05410	8.9468	1.2	A
9003	39059.90	34 44N	0 45W	80.4	187.8	2.511	-28.35	70.2	S0409	.05410	8.9715	1.0	F
9004	39065.70	34 44N	0 46W	80.1	187.8	2.733	-28.00	70.2	S0409	.05410	9.0787	1.0	A
9005	39075.90	33 54N	0 15W	71.9	187.7	2.872	-1.05	71.2	S0409	.07190	10.0765	0.6	F
9006	39080.90	33 53N	0 15W	72.0	187.7	2.872	-0.35	71.2	S0409	.07190	10.0600	0.8	A
729 9001	50276.30	6 37S	51 59W	88.1	186.3	3.574	-4.20	54.1	S0409	.05410	8.1387	1.0	A
9002	50365.30	11 57S	53 23W	96.1	186.6	3.574	-20.65	49.1	S0409	.05410	7.4542	1.0	A
9003	50377.50	14 2S	52 54W	94.9	186.5	3.211	-9.10	47.6	S0409	.05410	7.5775	1.0	F
9004	50384.50	14 9S	52 42W	100.4	186.6	2.872	18.90	47.3	S0409	.05410	7.1759	0.8	F
9005	50389.10	14 9S	52 39W	103.2	186.6	2.872	22.05	47.1	S0409	.05410	6.9342	0.8	F
9006	50395.70	14 9S	52 54W	99.0	186.6	2.872	15.75	47.0	S0409	.05410	7.1321	1.0	A
9007	50411.90	14 20S	53 46W	94.5	186.7	3.439	-6.65	45.3	S0409	.07190	7.5862	1.0	F
9008	50418.50	14 40S	54 15W	93.2	186.7	3.439	-20.30	44.7	S0409	.05410	7.2069	1.0	F
9009	50425.10	14 55S	54 38W	106.1	186.7	3.439	-30.45	44.4	S0409	.05410	6.8275	1.0	V
9010	50429.50	17 2S	54 48W	109.2	186.7	3.211	-31.85	43.9	S0409	.05410	6.5224	1.0	F
9011	50436.30	17 41S	54 44W	105.4	186.7	3.439	-29.05	43.7	S0409	.05410	6.8548	1.0	V
9012	50442.90	17 54S	54 39W	103.9	186.8	3.574	-25.20	43.6	S0409	.05410	6.8853	0.8	A
9013	50517.50	23 24S	54 10W	109.5	187.0	3.511	22.40	39.2	S0409	.05410	6.5967	1.0	V
9014	50529.90	23 40S	55 56W	112.0	187.0	3.439	-28.70	38.1	S0409	.05410	6.3740	1.0	A
9015	50542.10	25 20S	54 37W	109.6	187.1	2.733	18.90	37.3	S0409	.05410	6.5472	1.0	F
9016	50546.70	25 23S	54 37W	109.3	187.1	2.511	19.95	37.3	S0409	.05410	6.5884	1.0	V
9017	50551.10	25 24S	54 28W	114.9	187.1	2.511	24.15	37.4	S0409	.05410	6.1514	1.0	A
9018	50562.50	26 4S	55 56W	104.9	187.2	3.439	-14.70	36.2	S0409	.07190	6.7863	1.2	A
9019	50568.10	26 20S	56 11W	107.7	187.2	3.439	-19.95	35.8	S0409	.05410	6.6214	1.0	A
9020	50573.70	27 22S	55 58W	103.9	187.2	3.211	-4.75	35.0	S0409	.07190	6.8688	0.8	F
9021	50581.10	27 34S	55 45W	104.1	187.2	3.090	1.05	34.7	S0409	.07190	6.8523	0.6	F
9022	50587.10	28 0S	55 44W	103.6	187.3	3.090	2.80	34.5	S0409	.07190	6.9595	1.0	V
9023	50591.90	28 37S	56 0W	104.5	187.3	3.090	-2.10	33.9	S0409	.07190	6.8275	1.0	F
9024	50598.70	28 53S	56 4W	104.8	187.3	3.211	-3.50	34.0	S0409	.07190	6.7781	0.4	A
9025	50603.70	29 7S	56 32W	105.7	187.3	3.211	-13.65	33.3	S0409	.07190	6.8111	0.6	V
9026	50609.10	29 43S	57 6W	114.3	187.4	3.090	-25.55	32.6	S0409	.05410	6.2091	0.4	F
9027	50613.70	29 45S	57 4W	112.0	187.4	3.090	-23.80	32.6	S0409	.05410	6.4256	0.4	V
9028	50621.50	30 21S	56 27W	105.0	187.4	3.090	-3.85	32.3	S0409	.07190	6.8523	0.4	V
9029	50625.70	30 22S	56 29W	106.5	187.5	3.090	-4.55	32.3	S0409	.07190	6.6544	1.0	A
9030	50640.50	31 0S	56 44W	106.0	187.5	3.090	-4.20	31.1	S0409	.07190	6.7863	1.0	V
9031	50647.10	32 19S	57 11W	109.2	187.6	3.090	-12.60	30.3	S0409	.07190	6.5142	1.0	F
9032	50657.30	32 26S	56 37W	109.4	187.6	2.872	4.90	30.3	S0409	.07190	6.4730	1.0	A
9033	50687.10	35 0S	57 31W	110.1	187.8	2.872	-4.90	27.8	S0409	.07190	6.4565	0.6	F

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	POLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
729 9034	50694.70	35 20S	57 17W	109.8	187.9	2.733	3.15	27.6	S0409	.07190	6.5389	1.0	V
9035	50698.70	35 19S	57 16W	111.6	187.9	2.733	3.85	27.7	S0409	.07190	6.3328	1.0	A
730 9001	55331.29	10 22N	71 19W	78.7	186.5	3.439	-11.55	67.3	S0409	.05410	9.2931	1.0	V
9002	55338.49	10 2N	71 5W	79.3	186.5	3.439	1.05	67.3	S0409	.05410	9.0952	1.0	A
9003	55351.49	9 1N	71 56W	85.8	186.5	3.439	-26.95	66.1	S0409	.05410	8.5180	1.0	V
9004	55531.69	3 42S	73 11W	88.6	186.4	3.211	10.50	56.8	S0409	.07190	8.1551	0.4	F
9005	55534.89	3 42S	73 11W	88.0	186.4	3.211	11.20	56.8	S0409	.07190	8.2788	0.4	V
9006	55538.69	3 44S	73 14W	88.6	186.4	3.211	9.80	56.8	S0409	.05410	8.0892	0.6	A
9007	55653.69	11 40S	75 27W	93.4	186.6	3.439	-21.35	49.3	S0409	.05410	7.7758	0.8	V
9008	55657.29	11 40S	75 30W	95.1	186.6	3.439	-22.05	49.2	S0409	.05410	7.5532	0.4	A
731 9001	60173.69	42 4N	87 50W	89.2	188.6	2.033	-37.45	65.7	S0409	.05410	8.0374	3.0	F
9002	60567.49	14 49N	92 12W	77.9	186.6	3.211	5.95	70.3	S0409	.05410	9.3096	1.0	F
9003	60573.09	14 50N	92 22W	77.2	186.6	3.439	-0.35	70.2	S0409	.05410	9.3508	1.4	A
732 9001	65698.49	27 6N	111 59W	74.7	187.2	3.090	6.30	73.2	S0409	.07190	9.6807	0.8	A
736 9001	125.88	55 10N	165 58E	81.1	191.2	1.687	-27.65	55.6	S0409	.09670	9.0375	0.4	V
9002	128.88	55 10N	165 58E	81.8	191.2	1.687	-27.30	55.6	S0409	.07190	8.8890	0.4	A
737 5001	5567.47	45 57N	142 4E	73.6	189.3	2.511	9.45	63.6	S0130	.02260	9.6362	0.4	F
5002	5572.87	45 57N	142 4E	74.2	189.2	2.511	10.15	63.6	S0130	.02260	9.7950	0.4	A
9001	5512.27	49 48N	142 52E	72.4	190.0	2.385	-3.15	60.4	S0409	.05410	9.9610	0.8	F
9002	5517.47	49 48N	142 52E	72.7	189.9	2.385	-2.45	60.4	S0409	.05410	9.9775	0.8	A
9003	5528.07	49 0N	142 59E	73.9	189.4	2.385	8.40	61.1	S0409	.07190	9.8048	0.6	A
9004	5550.47	47 3N	142 48E	78.7	189.3	2.385	20.65	62.8	S0409	.05410	9.2271	0.4	F
9005	5554.67	46 58N	142 40E	76.5	189.4	2.385	18.20	62.9	S0409	.05410	9.5300	0.4	V
9006	5557.47	46 58N	142 40E	77.6	189.4	2.385	18.55	62.9	S0409	.05410	9.3343	0.4	A
9007	5663.27	39 40N	140 4E	72.3	188.3	2.733	-0.35	67.9	S0409	.09670	10.0352	0.6	A
9008	5667.47	37 39N	139 8E	74.5	188.1	2.733	-18.90	66.7	S0409	.07190	9.8568	0.8	V
738 9001	10946.47	41 16N	117 50E	75.1	188.6	2.514	-18.90	66.6	S0409	.05410	9.6229	0.4	F
9002	10950.67	40 60N	117 56E	73.2	188.5	2.733	-12.60	66.9	S0409	.07190	9.8868	0.4	F
9003	10956.67	40 50N	118 5E	71.9	188.5	2.733	-6.30	67.0	S0409	.07190	10.0950	0.4	A
9004	10968.87	39 41N	118 9E	73.2	188.4	2.733	6.65	68.0	S0409	.05410	9.9115	0.8	F
9005	10974.07	39 41N	118 9E	73.4	188.3	2.733	7.35	68.0	S0409	.05410	9.8621	0.8	A
9006	10980.07	39 16N	117 49E	72.1	188.3	2.733	-1.40	68.2	S0409	.07190	10.0517	0.6	A
9007	10983.87	39 2N	117 45E	72.3	188.2	2.733	-1.05	68.3	S0409	.09670	10.0187	1.4	A
9008	10992.47	38 40N	116 54E	77.6	188.2	2.511	-25.20	68.4	S0409	.05410	9.4333	0.6	V
9009	11005.27	37 41N	118 2E	79.6	188.1	2.511	22.05	69.6	S0409	.05410	9.0787	0.4	A
9010	11011.87	36 40N	117 17E	72.5	188.0	2.733	1.75	69.7	S0409	.05410	10.0023	0.8	F
9011	11015.87	36 29N	117 9E	72.1	188.0	2.733	-1.05	69.8	S0409	.07190	10.0517	0.4	F
9012	11021.07	36 29N	117 9E	72.2	188.0	2.872	-0.35	69.8	S0409	.07190	10.0352	0.4	A
9013	11024.87	36 10N	117 5E	72.4	187.9	2.872	-0.70	70.0	S0409	.05410	10.0105	0.6	A
9014	11030.87	35 57N	117 0E	71.8	187.9	2.872	1.40	70.3	S0409	.05410	10.2249	0.6	V
9015	11033.67	35 50N	116 58E	71.9	187.9	2.872	1.75	70.4	S0409	.05410	10.2166	0.4	V
9016	11043.07	34 49N	117 29E	83.4	187.8	2.511	26.95	71.4	S0409	.04090	8.7324	0.8	F
9017	11046.27	34 49N	117 27E	81.9	187.8	2.511	26.25	71.3	S0409	.04090	8.9653	0.6	V
9018	11051.47	34 20N	117 12E	78.5	187.8	2.733	19.60	71.3	S0409	.05410	9.1741	0.6	A
9019	11056.67	34 0N	116 48E	73.8	187.7	2.872	8.05	71.2	S0409	.07190	9.8043	0.4	A
9020	11061.07	33 42N	116 29E	72.8	187.7	3.090	0.35	71.4	S0409	.07190	9.9593	0.4	F
9021	11068.27	32 50N	115 47E	77.2	187.7	2.872	-22.40	71.1	S0409	.05410	9.3504	0.8	F
9022	11078.07	32 42N	116 18E	72.2	187.6	2.872	2.10	71.8	S0409	.05410	10.1672	0.8	V
9023	11085.27	31 42N	115 60E	72.8	187.6	3.090	-4.90	71.9	S0409	.07190	9.9528	0.4	F
9024	11094.47	31 22N	116 37E	80.7	187.5	2.511	23.10	72.6	S0409	.05410	8.9469	0.4	A
9025	11107.47	30 10N	115 10E	78.7	187.4	2.872	-24.50	72.0	S0409	.05410	9.1777	0.6	F
9026	11117.07	29 50N	115 42E	73.5	187.4	3.090	2.45	72.7	S0409	.05410	9.8703	0.6	F
9027	11122.47	29 29N	115 42E	73.6	187.4	3.090	3.15	72.7	S0409	.05410	9.8291	0.6	A
9028	11128.27	29 40N	115 56E	78.6	187.3	2.872	18.20	73.2	S0409	.05410	9.2601	0.8	F
9029	11133.87	29 40N	115 56E	78.9	187.3	2.733	16.90	73.2	S0409	.05410	9.1364	0.8	A
9030	11143.67	29 1N	115 33E	75.3	187.3	3.090	9.45	73.1	S0409	.05410	9.6064	0.4	A
739 5001	16305.67	37 49N	95 28E	70.8	188.1	2.872	3.50	69.1	S0130	.02260	10.2567	0.6	F
5002	16310.87	37 49N	95 28E	71.0	188.1	2.733	4.20	69.2	S0130	.02260	10.2237	0.6	A
9001	16272.87	40 21N	96 59E	86.9	188.4	2.170	32.20	68.0	S0409	.04090	8.3201	0.6	A
9002	16305.67	37 49N	95 28E	70.9	188.1	2.872	3.50	69.1	S0409	.07190	10.2579	0.6	F
9003	16310.87	37 49N	95 28E	71.0	188.1	2.733	4.20	69.2	S0409	.07190	10.2249	0.6	A
9004	16420.87	29 47N	94 16E	81.6	187.4	2.733	25.90	73.1	S0409	.04090	8.9220	0.6	F
9005	16433.27	29 0N	92 50E	77.0	187.3	2.872	-24.15	72.2	S0409	.05410	9.3838	0.4	F
9006	16464.67	26 50N	92 47E	73.9	187.2	3.211	-6.40	72.9	S0409	.07190	9.7879	0.8	F
9007	16469.07	26 40N	92 48E	73.0	187.2	3.211	-4.65	72.9	S0409	.05410	10.0352	1.2	V
9008	16475.27	26 29N	92 56E	74.1	187.2	3.211	2.10	73.1	S0409	.07190	9.7549	0.8	A
9009	16487.87	25 44N	91 59E	82.3	187.1	3.090	-29.40	72.5	S0409	.04090	8.8148	0.6	A
9010	16498.47	24 60N	91 53E	82.0	187.1	3.090	-28.00	72.5	S0409	.05410	8.8478	1.0	A
9011	16506.27	24 26N	91 55E	79.0	187.0	3.211	-22.75	72.6	S0409	.05410	9.1777	1.0	A
9012	16510.27	24 10N	91 49E	80.0	187.0	3.211	-24.50	72.5	S0409	.04090	9.0622	0.8	A
740 5001	21696.26	32 4N	72 40E	83.1	187.6	2.733	25.90	72.4	S0130	.01710	8.7643	0.6	F

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
740 5002	21702.26	32 4N	72 41E	84.2	187.6	2.511	27.30	72.4	S0160	.01710	8.5994	0.6	A
9001	21150.26	69 22N	88 6E	77.2	198.5	1.332	8.75	42.8	S0409	.07190	9.4910	0.4	V
9002	21153.06	69 22N	88 6E	78.1	198.3	1.332	9.10	42.8	S0409	.07190	9.2684	0.4	A
9003	21359.26	55 26N	78 24E	73.0	191.3	2.033	-8.05	55.5	S0409	.07190	10.0435	0.6	V
9004	21373.66	54 22N	77 22E	78.8	191.0	1.810	-23.10	56.4	S0409	.05410	9.1529	0.6	F
9005	21379.26	54 22N	77 22E	78.4	190.9	2.033	-22.75	56.4	S0409	.05410	9.2601	0.6	A
9006	21483.66	46 51N	74 57E	77.2	189.4	2.170	-22.40	62.5	S0409	.07190	9.3508	0.6	F
9007	21529.06	43 56N	75 14E	75.9	188.9	2.511	16.10	65.4	S0409	.05410	9.5735	0.6	F
9008	21534.46	43 57N	75 14E	76.2	188.8	2.511	16.80	65.5	S0409	.05410	9.4992	0.6	A
9009	21540.06	42 53N	74 51E	73.8	188.8	2.733	10.15	65.9	S0409	.05410	9.6373	0.8	F
9010	21545.26	42 53N	74 51E	74.0	188.7	2.511	11.20	65.9	S0409	.05410	9.7879	0.8	A
9011	21561.86	41 49N	74 30E	71.9	188.6	2.511	10.15	66.7	S0409	.07190	10.0765	0.4	A
9012	21662.06	34 39N	71 56E	76.4	187.8	2.733	-21.70	70.4	S0409	.05410	9.4580	0.6	F
9013	21671.06	33 54N	72 25E	72.8	187.7	2.872	2.10	71.2	S0409	.05410	9.9693	1.0	F
9014	21676.26	33 54N	72 25E	72.9	187.7	2.872	3.15	71.2	S0409	.05410	9.9280	1.0	A
9015	21689.86	32 50N	72 47E	81.8	187.6	2.511	24.85	72.0	S0409	.04090	8.8313	0.4	A
9016	21696.26	32 4N	72 40E	83.1	187.6	2.733	25.90	72.4	S0409	.04090	8.7654	0.4	F
9017	21702.26	32 4N	72 41E	84.2	187.6	2.511	27.30	72.4	S0409	.04090	8.6004	0.4	A
9018	21724.86	30 13N	71 26E	73.1	187.4	3.090	-4.90	72.4	S0409	.05410	9.9115	0.6	F
9019	21730.06	30 13N	71 27E	73.1	187.4	3.090	-3.85	72.4	S0409	.05410	9.9033	0.6	A
9020	21740.26	29 9N	71 17E	73.2	187.4	3.090	-2.45	72.7	S0409	.05410	9.8351	0.6	F
9021	21745.46	29 9N	71 17E	73.3	187.3	3.090	-1.40	72.7	S0409	.05410	9.8703	0.6	A
9022	21768.86	27 5N	71 31E	82.0	187.2	2.872	23.10	73.6	S0409	.05410	8.8808	0.8	F
9023	21774.66	27 5N	71 30E	82.5	187.2	2.733	23.80	73.6	S0409	.05410	8.7406	1.0	A
741 9001	26617.26	58 53N	58 46E	78.7	192.4	2.033	17.85	53.0	S0409	.05410	9.2271	0.4	F
9002	26624.46	58 52N	57 51E	73.1	192.2	2.033	-0.35	53.1	S0409	.05410	10.0270	0.4	V
9003	26631.06	57 48N	56 45E	78.1	192.1	1.810	-20.65	53.4	S0409	.07190	9.2436	0.4	F
9004	26634.86	57 44N	56 36E	78.4	192.0	1.810	-23.10	53.4	S0409	.07190	9.3426	0.4	V
9005	26637.66	57 43N	56 36E	79.1	191.9	1.810	-22.75	53.4	S0409	.07190	9.1777	0.4	A
9006	26676.66	54 41N	55 36E	76.3	191.1	2.033	-17.85	56.2	S0409	.07190	9.4745	0.6	F
9007	26682.26	54 41N	55 36E	75.9	191.0	2.033	-17.15	56.2	S0409	.07190	9.5570	0.6	A
9008	26709.26	52 42N	55 44E	74.5	190.5	2.170	9.45	58.4	S0409	.07190	9.7466	1.0	F
9009	26714.66	52 42N	55 44E	74.6	190.5	2.170	10.15	58.4	S0409	.07190	9.7136	1.0	A
9010	26722.06	51 39N	54 57E	72.9	190.4	2.170	-4.20	58.9	S0409	.07190	9.9280	1.4	F
9011	26727.26	51 39N	54 58E	72.9	190.3	2.170	-3.15	59.0	S0409	.07190	9.9528	1.4	A
9012	26772.26	48 8N	54 2E	72.8	189.6	2.385	2.45	61.8	S0409	.07190	9.9610	1.0	F
9013	26777.66	48 9N	54 2E	72.9	189.6	2.385	3.15	61.9	S0409	.07190	9.9445	0.8	A
9014	26940.46	36 57N	50 41E	72.9	188.0	2.872	-8.75	69.5	S0409	.07190	9.9528	1.2	A
9015	26951.06	35 49N	51 26E	83.1	187.9	2.511	27.30	70.7	S0409	.05410	8.7736	0.6	F
9016	26957.06	35 49N	51 26E	83.6	187.9	2.385	29.00	70.8	S0409	.05410	8.6334	0.6	A
9017	26966.06	35 1N	50 49E	74.0	187.8	2.733	12.60	70.8	S0409	.07190	9.9198	0.8	V
9018	26976.46	34 0N	49 46E	75.7	187.8	2.733	-21.00	70.7	S0409	.07190	9.5570	1.0	F
9019	26979.86	34 0N	49 42E	75.1	187.7	2.733	-21.70	70.7	S0409	.07190	9.7631	0.6	V
9020	27007.06	32 2N	49 17E	76.7	187.6	2.872	-21.00	71.5	S0409	.05410	9.4250	0.8	F
9021	27016.86	31 22N	48 47E	84.7	187.5	2.511	-32.55	71.4	S0409	.03090	8.5015	1.0	F
9022	27029.26	30 29N	49 11E	74.3	187.5	3.090	-12.95	72.1	S0409	.07190	9.7384	0.4	F
9023	27033.26	30 30N	49 9E	74.5	187.4	3.090	-13.65	72.1	S0409	.04090	9.7384	0.8	A
9024	27039.06	29 49N	48 49E	77.4	187.4	2.872	-21.35	72.1	S0409	.07190	9.3343	1.0	F
9025	27058.26	28 50N	48 36E	76.8	187.3	2.872	-19.60	72.4	S0409	.07190	9.4085	0.8	F
9026	27063.26	28 0N	48 38E	75.3	187.3	3.090	-15.40	72.6	S0409	.07190	9.6064	0.6	F
9027	27069.06	27 54N	48 46E	73.0	187.3	3.090	-7.70	72.8	S0409	.07190	10.0352	1.0	V
9028	27077.66	27 51N	48 29E	75.6	187.2	3.090	-15.75	72.7	S0409	.07190	9.5900	1.0	A
9029	27083.46	27 14N	48 6E	81.0	187.2	3.090	-27.30	72.4	S0409	.05410	8.9633	1.4	A
9030	27216.46	17 30N	47 8E	77.2	186.7	3.211	7.35	71.6	S0409	.05410	9.3920	1.2	F
9031	27257.26	14 41N	46 40E	78.5	186.6	3.211	9.10	70.2	S0409	.05410	9.2436	0.6	F
9032	27260.26	14 40N	46 40E	77.9	186.6	3.211	9.80	70.3	S0409	.05410	9.3920	0.4	V
9033	27272.46	13 54N	45 51E	79.2	186.6	3.439	-18.90	69.3	S0409	.05410	9.2354	0.4	V
9034	27275.26	13 55N	45 51E	80.1	186.5	3.439	-18.55	69.3	S0409	.05410	9.0292	0.4	A
9035	27319.66	10 26N	45 2E	86.9	186.3	3.211	-27.30	67.0	S0409	.05410	8.2788	1.0	F
9036	27325.86	10 25N	45 1E	86.5	186.3	3.439	-26.60	67.0	S0409	.05410	8.3695	1.0	A
9037	27336.06	9 40N	45 32E	79.2	186.3	3.439	0.00	67.0	S0409	.05410	9.1034	1.0	A
9038	27368.26	7 1N	45 21E	82.7	186.2	3.211	10.50	65.4	S0409	.05410	8.7989	1.2	F
9039	27374.66	6 59N	45 20E	83.2	186.2	3.211	11.20	65.3	S0409	.05410	8.6334	0.6	A
9040	27384.86	6 0N	44 46E	80.3	186.2	3.439	-7.00	64.4	S0409	.04090	9.0952	1.4	V
9041	27394.46	5 15N	44 41E	81.4	186.1	3.439	-4.55	63.8	S0409	.05410	8.8643	0.8	F
9042	27400.26	5 14N	44 42E	81.6	186.1	3.574	-3.50	63.8	S0409	.05410	8.8148	0.6	A
9043	27432.46	3 9N	43 39E	92.6	186.1	3.439	-29.75	61.7	S0409	.03090	7.8006	1.2	A
9044	27480.66	0 20S	42 29E	112.6	186.1	2.872	-44.10	58.5	S0409	.04090	6.4482	1.2	V
9045	27668.26	12 57S	40 32E	110.5	186.6	3.439	-35.00	47.8	S0409	.04090	6.5059	1.0	A
9046	27681.66	14 27S	40 44E	99.8	186.6	3.439	-22.40	46.7	S0409	.04090	7.1656	1.0	F
9047	27685.26	14 29S	40 41E	99.3	186.6	3.439	-23.10	46.7	S0409	.05410	7.2393	2.2	V
9048	27690.06	14 31S	40 40E	100.6	186.6	3.439	-22.75	46.7	S0409	.05410	7.1244	1.4	A
9049	27803.06	22 29S	40 22E	106.0	186.9	2.872	14.70	48.0	S0409	.05410	6.6956	0.6	A
742 5001	31835.06	64 56N	39 49E	76.7	195.2	1.687	9.10	47.4	S0160	.03150	9.4322	0.8	F
5002	31840.46	64 57N	39 50E	76.9	195.0	1.687	9.80	47.4	S0160	.03150	9.4239	0.4	A
5003	31965.26	55 56N	33 55E	77.2	191.5	1.810	-19.60	55.0	S0160	.02260	9.3662	1.0	F
5004	32027.46	51 59N	33 34E	75.4	190.4	2.170	12.60	58.7	S0160	.02260	9.6301	3.6	A
5005	32073.46	48 52N	32 18E	73.6	189.7	2.385	7.00	61.3	S0160	.02260	9.8692	0.4	A
5006	32092.86	47 50N	32 17E	78.3	189.5	2.170	19.95	62.5	S0160	.02260	9.2590	2.8	A
9001	31768.86	67 21N	40 33E	80.8	197.2	1.113	-20.30	44.2	S0409	.07190	8.9220	0.8	F
9002	31794.66	67 21N	40 33E	80.6	196.9	1.332	-20.30	44.2	S0409	.07190	8.9962	0.8	A
9003	31803.26	67 9N	41 9E	75.8	196.9	1.475	-1.40	44.9	S0409	.07190	9.5487	0.8	A

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
742 9004	31833.86	64 41N	39 53E	76.8	195.2	1.687	9.10	47.3	S0409	.07190	9.4333	2.0	F
9005	31839.66	64 40N	39 52E	76.8	195.0	1.687	9.80	47.3	S0409	.07190	9.4250	1.6	A
9006	31916.26	59 19N	36 49E	75.9	192.6	1.810	13.30	52.3	S0409	.07190	9.6724	0.6	V
9007	31973.86	55 36N	34 55E	74.9	191.3	2.033	9.80	55.6	S0409	.07190	9.6642	0.6	A
9008	32041.86	48 25N	31 15E	76.1	189.6	2.385	-19.95	61.4	S0409	.07190	9.5405	1.0	A
9009	32263.46	36 25N	28 7E	75.6	188.0	2.733	-21.00	69.6	S0409	.04090	9.7054	0.6	V
9010	32323.46	31 25N	27 15E	74.3	187.5	2.872	-13.30	71.9	S0409	.04090	9.7304	1.6	F
9011	32328.86	31 25N	27 15E	74.1	187.5	3.090	-12.60	71.9	S0409	.04090	9.7079	1.0	A
9012	32713.46	4 50N	22 48E	83.6	186.4	3.211	8.75	63.7	S0409	.05410	8.5922	1.0	A
9013	32751.06	2 14N	22 29E	87.2	186.4	3.090	14.00	61.7	S0409	.05410	8.2211	1.2	A
9014	32788.66	0 12S	20 52E	96.6	186.4	3.574	-31.85	59.0	S0409	.05410	7.4872	1.0	A
9015	32833.46	3 25S	21 26E	89.3	186.4	3.211	10.85	57.0	S0409	.05410	8.0150	1.4	A
9016	32847.26	4 17S	20 36E	89.4	186.4	3.574	-16.10	55.8	S0409	.05410	8.0480	1.0	A
9017	33059.06	19 14S	17 44E	102.3	186.8	3.439	-21.35	42.3	S0409	.05410	6.9760	1.0	F
743 5001	37330.05	52 42N	12 11E	84.5	190.5	1.810	28.35	58.7	S0130	.02260	8.5829	0.4	A
5002	37340.25	51 30N	11 57E	85.1	190.3	1.810	29.05	59.3	S0130	.02260	8.5252	0.4	A
9001	37053.85	70 42N	23 42E	80.2	199.6	1.113	15.40	41.5	S0409	.07190	9.0210	0.6	A
9002	37307.45	53 25N	11 51E	74.1	190.8	2.170	7.35	57.4	S0409	.07190	9.7375	0.6	F
9003	37312.65	53 27N	11 51E	74.2	190.7	2.170	8.05	57.4	S0409	.07190	9.7631	0.6	A
9004	37393.05	47 40N	10 28E	80.6	189.6	2.170	25.55	62.4	S0409	.04090	9.1199	0.4	V
9005	37395.85	47 40N	10 29E	81.9	189.5	2.170	25.90	62.4	S0409	.04090	8.8561	0.6	A
9006	37551.45	36 50N	5 46E	83.5	188.0	2.385	-31.85	69.1	S0409	.05410	8.6417	0.6	F
9007	37554.45	36 50N	5 46E	82.3	188.0	2.385	-31.50	69.1	S0409	.05410	8.9055	0.6	V
9008	37921.85	11 37N	1 30E	78.8	186.5	3.439	-7.35	68.1	S0409	.05410	9.1529	1.0	A
9009	37930.45	11 35N	1 1E	84.0	186.5	3.439	-23.10	67.5	S0409	.05410	8.6169	1.0	A
9010	37948.45	9 48N	1 5E	78.7	186.5	3.574	-11.20	66.9	S0409	.05410	9.1694	0.8	A
9011	37993.45	6 12N	1 15E	88.7	186.5	3.090	20.65	64.9	S0409	.05410	8.1716	0.8	F
9012	37997.25	6 9N	1 13E	87.4	186.5	2.872	20.30	64.9	S0409	.05410	8.3561	0.8	V
9013	38000.85	6 6N	1 13E	86.9	186.5	2.875	20.65	64.9	S0409	.05410	8.0809	0.4	A
745 9001	48714.65	1 16S	45 43W	100.2	186.4	3.211	-34.65	58.0	S0409	.05410	7.1491	0.8	F
9002	48724.25	1 47S	44 52W	84.6	186.4	3.439	0.00	58.2	S0409	.05410	8.6004	1.0	V
9003	48732.05	2 22S	44 26W	92.8	186.4	2.872	21.00	58.0	S0409	.05410	7.8414	1.0	V
9004	48734.05	2 34S	44 14W	100.9	186.4	2.511	28.70	58.0	S0409	.05410	7.0749	1.0	A
9005	48747.85	3 20S	44 46W	89.9	186.4	3.090	15.05	57.0	S0409	.05410	8.0809	1.0	V
9006	48759.05	4 1S	44 49W	92.0	186.4	3.090	17.85	56.4	S0409	.05410	7.8913	1.0	V
9007	48777.65	5 29S	45 12W	89.5	186.4	3.211	11.20	55.2	S0409	.05410	8.1222	0.8	V
9008	48786.85	5 47S	46 8W	92.9	186.3	3.574	-21.70	54.4	S0409	.05410	7.7511	0.8	A
9009	48867.05	11 30S	47 7W	95.0	186.5	3.439	-20.65	49.4	S0409	.05410	7.6357	1.0	V
9010	48877.05	12 11S	47 17W	96.0	186.6	3.439	-21.70	48.8	S0409	.05410	7.5532	1.0	V
9011	48886.25	12 54S	46 36W	93.0	186.6	3.211	7.00	48.5	S0409	.05410	7.7923	1.0	V
9012	48892.85	13 36S	46 42W	94.6	186.6	3.211	7.35	47.9	S0409	.05410	7.6027	1.0	F
9013	48902.25	14 9S	47 45W	100.7	186.6	3.434	-25.55	46.9	S0409	.05410	7.0997	0.8	F
9014	48908.65	14 8S	47 36W	98.0	186.6	3.574	-20.30	47.0	S0409	.05410	7.3058	1.0	A
9015	48912.65	14 25S	47 39W	97.8	186.6	3.574	-19.95	46.8	S0409	.05410	7.3141	0.4	A
9016	48920.45	15 14S	47 5W	94.1	186.5	3.211	4.55	46.4	S0409	.07190	7.6934	1.2	V
9017	48927.25	15 59S	47 32W	93.7	186.7	3.439	-8.75	45.8	S0409	.07190	7.7346	0.8	V
9018	48932.65	16 14S	47 58W	98.9	186.7	3.439	-19.95	45.1	S0409	.05410	7.2316	1.0	F
9019	48949.05	16 47S	48 34W	110.9	186.7	3.439	-33.25	44.4	S0409	.05410	6.4647	1.0	A
9020	48971.25	19 30S	48 43W	105.9	186.8	3.439	-28.35	42.8	S0409	.05410	6.8275	1.0	V
9021	48976.45	19 12S	48 55W	110.1	186.8	3.211	-30.80	42.2	S0409	.05410	6.4647	1.0	F
9022	48984.45	19 46S	48 46W	104.3	186.8	3.211	-23.45	41.8	S0409	.05410	6.8358	1.0	F
9023	48989.25	20 0S	48 42W	102.1	186.8	3.439	-19.60	41.5	S0409	.05410	6.9925	0.8	F
9024	48995.65	20 21S	49 6W	109.0	186.8	3.211	-28.35	41.0	S0409	.05410	6.5307	0.8	F
9025	49003.05	20 34S	48 36W	100.0	186.9	3.439	-12.25	41.2	S0409	.05410	7.1326	1.0	A
9026	49012.45	21 47S	48 8W	101.5	186.9	3.090	9.10	40.4	S0409	.05410	7.0534	1.0	F
9027	49020.25	21 40S	48 50W	101.3	186.9	3.439	-13.30	40.1	S0409	.05410	7.0337	1.0	A
9028	49027.25	22 10S	48 36W	100.1	186.9	3.211	-2.10	39.8	S0409	.07190	7.0997	1.2	A
9029	49037.25	22 49S	49 29W	108.9	187.0	3.439	-25.55	38.9	S0409	.05410	6.5554	1.0	A
9030	49042.25	23 12S	49 16W	104.0	187.0	3.439	-17.15	38.7	S0409	.05410	6.8605	0.8	A
9031	49066.65	25 21S	48 31W	109.8	187.1	2.733	17.85	37.0	S0409	.05410	6.5224	1.0	F
9032	49075.25	25 30S	49 11W	102.7	187.1	3.211	-0.70	36.8	S0409	.07190	6.9100	1.0	A
9033	49081.45	26 14S	48 48W	107.2	187.1	2.872	14.35	36.3	S0409	.05410	6.7121	0.8	V
9034	49086.05	26 51S	48 39W	113.4	187.2	2.511	21.00	35.8	S0409	.05410	6.2498	1.0	F
9035	49109.85	27 40S	50 16W	108.6	187.3	3.439	-18.90	34.4	S0409	.05410	6.5472	1.0	A
9036	49122.05	28 42S	49 25W	109.1	187.3	2.733	11.20	33.9	S0409	.05410	6.4812	1.0	A
9037	49133.85	29 21S	50 49W	113.6	187.4	3.439	-24.15	32.8	S0409	.05410	6.2586	0.8	A
9038	49138.45	29 55S	51 8W	117.2	187.4	3.211	-28.70	32.2	S0409	.05410	6.1451	1.0	V
9039	49142.85	29 55S	51 8W	118.6	187.4	3.211	-29.35	32.2	S0409	.04090	6.0112	1.0	A
746 9001	53740.05	18 4N	63 7W	79.2	186.7	3.090	15.40	72.0	S0409	.05410	9.2271	0.8	V
9002	53852.05	10 9N	64 41W	80.7	186.5	3.211	8.75	67.5	S0409	.07190	8.9633	1.2	F
9003	54166.65	10 59S	68 45W	91.7	186.5	3.574	-7.00	50.0	S0409	.05410	7.7923	1.0	A
9004	54177.25	11 39S	69 20W	97.7	186.6	3.574	-22.75	49.2	S0409	.05410	7.3470	1.0	A
9005	54186.45	12 30S	69 14W	93.1	186.6	3.439	-14.35	48.5	S0409	.05410	7.7491	1.0	V
9006	54189.85	12 30S	69 14W	94.4	186.6	3.439	-14.00	48.5	S0409	.05410	7.5779	1.4	A
9007	54205.45	13 40S	68 9W	110.9	186.6	2.385	29.75	48.1	S0409	.05410	6.3988	1.0	A
9008	54220.05	14 40S	68 28W	106.4	186.6	2.511	25.55	47.2	S0409	.05410	6.6791	1.0	A
9009	54241.45	16 9S	69 5W	97.9	186.7	2.872	14.35	45.7	S0409	.05410	7.2726	1.0	A
9010	54261.05	17 54S	70 9W	97.1	186.7	3.434	-12.60	43.7	S0409	.04090	7.3635	0.4	F
9011	54267.25	18 10S	70 20W	98.8	186.7	3.439	-15.75	43.3	S0409	.05410	7.2316	1.2	F
9012	54270.85	18 19S	70 19W	97.9	186.8	3.439	-15.05	43.3	S0409	.07190	7.3800	1.0	V
9013	54276.25	18 26S	70 19W	98.9	186.8	3.574	-13.65	43.2	S0409	.05410	7.2151	1.2	A

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
746 9014	54295.65	20 25S	69 39W	105.2	186.8	2.872	14.55	41.8	S0409	.0541U	6.8193	0.8	F
9015	54301.45	20 14S	69 47W	103.5	186.8	2.872	15.05	41.9	S0409	.0541U	6.8605	0.8	A
9016	54308.05	20 4S	69 36W	109.2	186.9	2.511	22.75	41.6	S0409	.0541U	6.4977	1.0	A
9017	54325.85	22 9S	70 13W	102.2	186.9	2.872	11.90	40.1	S0409	.0541U	7.0584	0.8	V
9018	54330.65	22 40S	70 9W	106.1	186.9	2.872	16.80	39.6	S0409	.0541U	6.7533	1.0	F
9019	54342.05	23 01S	70 23W	105.5	187.0	2.872	14.35	38.8	S0409	.0541U	6.7863	0.8	F
9020	54351.85	23 19S	70 24W	106.9	187.0	2.733	15.40	38.7	S0409	.0541U	6.6296	0.8	A
9021	54378.65	25 09S	70 25W	115.2	187.1	2.385	24.15	37.1	S0409	.0541U	6.1349	0.8	A
9022	54545.65	36 40S	73 3W	118.3	188.0	2.385	15.05	26.3	S0409	.0541U	5.9535	1.0	A
748 9001	64269.24	23 10N	106 25W	77.0	187.0	3.090	11.55	73.2	S0409	.0541U	9.4250	1.4	F
9002	64275.44	23 11N	106 16W	80.3	187.0	2.872	10.55	73.4	S0409	.0541U	8.9380	0.8	A
751 9001	81073.43	37 0S	175 33E	114.2	188.1	2.872	-4.20	25.7	S0409	.0541U	6.1344	0.8	A
9002	81080.43	38 10S	175 10E	115.5	188.2	2.872	-7.00	24.5	S0409	.0541U	6.1184	1.4	A
752 9001	84799.83	71 3N	178 5W	86.5	199.5	0.986	-27.30	41.2	S0409	.0409U	8.3778	0.4	A
9002	84862.43	66 20N	179 5W	82.1	196.2	1.475	22.05	45.8	S0409	.0409U	8.9303	0.8	V
9003	84866.03	66 16N	179 3W	84.1	196.0	1.475	23.80	45.9	S0409	.0409U	8.6087	0.6	A
9004	84874.23	65 52N	179 16W	87.3	195.7	1.475	29.05	46.6	S0409	.0409U	8.4108	0.8	V
9005	84886.43	64 48N	177 59E	76.3	195.2	1.475	-9.45	47.2	S0409	.0713U	9.4663	0.6	F
9006	84892.03	64 47N	177 54E	76.1	195.0	1.475	-9.10	47.2	S0409	.0719U	9.5240	0.6	A
9007	84902.03	62 30N	176 56E	74.1	194.0	1.687	-0.35	49.3	S0409	.0541U	9.8368	1.0	V
753 9001	4087.42	44 57N	147 37E	72.2	189.1	2.511	-3.85	64.3	S0409	.0967U	10.0352	0.4	F
9002	4092.62	44 57N	147 37E	72.2	189.0	2.511	-3.15	64.3	S0409	.0967U	10.0456	0.4	A
9003	4106.63	43 51N	146 56E	73.5	188.9	2.511	-16.45	64.9	S0409	.0967U	9.9693	0.4	V
9004	4109.42	43 51N	146 55E	74.3	188.9	2.511	-16.10	65.0	S0409	.0967U	9.7796	0.4	A
9005	4795.42	3 40S	138 41E	97.7	186.4	2.733	26.60	56.9	S0409	.0409U	7.4377	0.8	V
754 5001	9384.42	45 40N	126 43E	81.4	189.2	2.170	26.25	64.0	S0130	.0226U	9.0282	0.6	V
5002	9387.42	45 40N	126 43E	82.7	189.2	2.170	26.60	64.0	S0130	.0226U	8.7643	0.6	A
5003	9686.82	24 52N	121 16E	76.7	187.1	3.090	12.25	73.4	S0130	.0226U	9.4816	0.4	F
5004	9692.42	24 52N	121 15E	77.1	187.1	3.090	12.95	73.4	S0130	.0226U	9.3627	0.4	A
9001	9362.02	47 59N	126 6E	72.9	189.5	2.511	-9.45	62.2	S0409	.0719U	9.9445	1.2	A
9002	9380.82	45 51N	126 43E	81.7	189.3	2.385	25.20	64.0	S0409	.0541U	8.8973	0.4	F
9003	9384.42	45 40N	126 43E	81.4	189.2	2.170	26.25	64.0	S0409	.0541U	9.0292	0.6	V
9004	9387.42	45 40N	126 43E	82.6	189.2	2.170	26.60	64.0	S0409	.0541U	8.7654	1.8	A
9005	9392.02	45 29N	126 41E	83.7	189.1	2.170	28.00	64.3	S0409	.0409U	8.6499	0.6	A
9006	9429.22	43 24N	126 16E	88.6	188.3	2.033	33.25	65.9	S0409	.0409U	8.1551	0.8	A
9007	9439.62	42 43N	125 41E	82.9	188.6	2.170	27.30	66.7	S0409	.0409U	8.7324	0.6	A
9008	9459.02	40 49N	124 49E	73.8	188.5	2.733	12.25	67.5	S0409	.0719U	9.9363	0.6	V
9009	9465.62	40 0N	124 24E	72.5	188.4	2.733	2.80	67.9	S0409	.0719U	10.0023	0.8	F
9010	9469.42	39 52N	124 23E	73.0	188.4	2.733	5.60	68.0	S0409	.0719U	9.9445	1.0	F
9011	9474.62	39 52N	124 26E	73.3	188.3	2.733	7.00	68.0	S0409	.0719U	9.8968	1.0	A
9012	9592.22	31 26N	122 15E	72.8	187.5	3.090	-2.45	72.1	S0409	.0541U	9.9610	0.6	F
9013	9597.62	31 26N	122 15E	72.9	187.5	3.090	-1.75	72.1	S0409	.0541U	9.9445	0.4	A
9014	9603.42	31 4N	121 52E	74.2	187.5	3.090	-13.65	72.0	S0409	.0719U	9.7714	0.6	A
9015	9612.02	30 7N	121 33E	75.8	187.4	2.872	-18.55	72.2	S0409	.0541U	9.5487	0.4	F
9016	9629.22	29 16N	121 42E	73.2	187.5	3.090	-5.25	72.6	S0409	.0719U	9.9033	0.4	A
9017	9634.02	28 55N	121 26E	74.0	187.3	3.090	-11.20	72.6	S0409	.0541U	9.7714	0.6	F
9018	9639.22	28 43N	121 25E	74.0	187.3	3.090	-10.50	72.7	S0409	.0541U	9.7961	0.6	A
9019	9646.02	28 28N	121 31E	73.4	187.3	3.090	-3.15	72.9	S0409	.0719U	9.8703	0.4	A
9020	9998.02	3 24N	117 34E	88.4	186.4	3.090	19.60	82.7	S0409	.0409U	8.0974	0.8	F
9021	10040.42	2 12S	115 26E	93.0	186.4	3.439	-26.25	57.3	S0409	.0541U	7.7099	0.6	F
9022	10046.42	2 0S	115 25E	93.3	186.4	3.574	-26.25	57.4	S0409	.0541U	7.7099	0.8	A
9023	10102.22	3 26S	114 46E	105.9	186.4	3.211	-38.85	56.0	S0409	.0409U	6.8523	1.0	V
9024	10107.22	3 40S	114 46E	103.9	186.4	3.211	-37.10	55.8	S0409	.0541U	6.9342	0.8	V
9025	10111.02	3 46S	114 47E	104.7	186.4	3.439	-36.75	55.8	S0409	.0541U	6.8853	0.8	A
9026	10160.22	7 10S	114 20E	101.9	186.5	3.439	-31.85	53.0	S0409	.0541U	7.0667	0.4	A
9027	10177.42	8 40S	115 11E	90.6	186.5	3.211	7.70	52.2	S0409	.0541U	8.0150	1.0	V
9028	10180.42	8 50S	115 10E	91.9	186.5	3.211	7.70	52.2	S0409	.0409U	7.7841	0.8	A
755 9001	14394.22	65 56N	112 20E	76.4	195.3	1.332	-9.80	46.1	S0409	.0719U	9.4498	0.4	F
9002	14397.02	65 56N	112 21E	75.4	195.3	1.332	-9.45	46.2	S0409	.0719U	9.7136	0.4	V
9003	14617.42	50 42N	106 9E	80.5	190.2	2.170	23.45	60.0	S0409	.0541U	9.6457	0.8	F
9004	14623.22	50 42N	106 9E	80.9	190.1	2.033	24.15	60.0	S0409	.0541U	8.9468	0.8	A
9005	14691.22	46 16N	102 48E	82.4	189.2	2.170	-31.85	63.0	S0409	.0541U	8.8613	0.6	A
9006	14821.62	36 01N	101 6E	71.5	188.0	2.733	-11.55	69.5	S0409	.0719U	10.1259	0.8	F
9007	14826.82	36 01N	101 7E	71.3	188.0	2.872	-10.50	69.6	S0409	.0719U	10.1672	0.6	A
9008	14827.22	36 0N	100 55E	71.8	187.9	2.872	-11.55	69.9	S0409	.0719U	10.1095	0.6	A
9009	14902.42	31 06N	100 2E	71.7	187.5	3.090	-7.35	71.9	S0409	.0541U	10.1672	0.8	A
9010	14988.82	25 17N	99 6E	73.6	187.1	3.090	7.35	73.3	S0409	.0719U	9.8621	0.4	F
9011	14999.22	24 54N	99 27E	82.5	187.1	2.733	24.50	73.7	S0409	.0541U	8.7406	0.4	A
756 5001	19881.22	53 48N	83 57E	73.6	190.9	2.170	-9.80	57.1	S0130	.0315U	9.8362	0.6	F
5002	19886.62	53 47N	83 57E	73.5	190.8	2.170	-9.10	57.1	S0130	.0315U	9.8856	0.4	A
9001	19866.82	55 0N	82 59E	93.8	191.2	1.475	-40.60	55.7	S0409	.0541U	7.8171	0.8	V
9002	19870.22	55 0N	82 60E	94.2	191.1	1.687	-40.25	55.7	S0409	.0541U	7.7099	0.8	A

Handle via BYEMAN Channels BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
756 9003	19881.22	53 47N	83 57E	73.7	190.9	2.170	-9.80	57.1	S0409	.07190	9.8373	0.6	F
9004	19886.62	53 47N	83 57E	73.5	190.8	2.170	-9.10	57.1	S0409	.07190	9.8868	0.4	A
9005	19889.82	53 34N	83 48E	73.8	190.7	2.170	-11.20	57.3	S0409	.07190	9.8291	0.4	A
9006	19894.82	53 20N	83 19E	75.4	190.7	2.033	-19.25	57.6	S0409	.07190	9.7136	0.4	V
9007	19901.42	52 20N	83 29E	73.3	190.6	2.170	-8.75	58.3	S0409	.07190	9.8786	0.6	F
9008	19906.62	52 20N	83 29E	73.1	190.5	2.170	-8.05	58.3	S0409	.07190	9.9280	0.6	A
9009	19926.42	51 10N	82 14E	82.1	190.2	2.033	-29.75	59.1	S0409	.05410	8.8478	0.6	A
9010	19935.82	50 50N	82 47E	72.6	190.0	2.385	-5.95	60.3	S0409	.07190	9.9693	0.6	F
9011	19941.42	50 40N	82 41E	72.9	189.9	2.385	-7.70	60.3	S0409	.07190	9.9528	1.0	A
9012	19947.82	49 17N	81 53E	78.1	189.8	2.170	-24.15	60.7	S0409	.07190	9.2601	0.4	F
9013	19950.62	49 17N	81 53E	77.1	189.8	2.170	-24.15	60.7	S0409	.07190	9.5157	0.4	V
9014	19954.22	47 40N	81 48E	72.9	189.4	2.511	-6.65	62.6	S0409	.05410	10.0435	0.8	A
9015	20045.02	41 42N	80 16E	71.6	188.0	2.733	-3.85	67.0	S0409	.05410	10.1177	0.6	F
9016	20070.42	41 11N	80 13E	71.4	188.5	2.733	-4.90	67.0	S0409	.05410	10.1507	0.8	A
9017	20180.22	33 50N	78 44E	71.7	187.7	2.872	-8.40	71.5	S0409	.07190	10.0930	1.4	A
9018	20189.82	32 50N	79 13E	84.2	187.6	2.385	30.45	72.2	S0409	.04090	8.5574	0.8	A
9019	20205.02	31 50N	78 8E	73.0	187.5	3.090	1.05	72.1	S0409	.05410	9.9363	1.0	F
9020	20216.02	30 52N	76 57E	87.7	187.5	2.511	-36.05	71.5	S0409	.04090	8.2129	0.6	F
9021	20220.82	30 50N	77 7E	82.3	187.4	2.733	-31.15	71.7	S0409	.04090	8.8513	0.8	A
9022	20247.62	29 40N	77 0E	76.6	187.3	2.872	-19.60	72.4	S0409	.05410	9.4250	0.4	F
757 9001	25143.01	56 51N	62 31E	78.9	191.8	1.687	-22.75	54.3	S0409	.07190	9.1529	0.6	F
9002	25150.81	56 10N	63 9E	73.4	191.6	2.033	-1.40	55.0	S0409	.05410	9.8621	0.4	F
9003	25156.21	56 11N	63 39E	75.8	191.5	2.033	12.60	55.2	S0409	.07190	9.5570	0.6	A
9004	25157.41	56 0N	63 37E	75.8	191.5	2.033	12.60	55.3	S0409	.07190	9.5570	0.6	A
9005	25168.21	55 41N	61 47E	79.2	191.3	1.810	-25.55	55.6	S0409	.05410	9.2456	0.6	V
9006	25171.21	55 20N	61 46E	79.9	191.2	2.033	-25.55	55.6	S0409	.05410	9.0869	0.4	A
9007	25179.21	54 24N	61 22E	80.9	191.1	1.810	-26.95	56.4	S0409	.05410	8.9158	0.4	F
9008	25183.61	54 17N	61 34E	76.6	191.0	2.033	-21.35	56.6	S0409	.05410	9.5765	1.0	V
9009	25313.21	45 10N	59 20E	72.3	189.1	2.511	-8.70	64.2	S0409	.07190	10.0270	1.4	F
9010	25318.41	45 10N	59 19E	72.3	189.1	2.511	0.00	64.2	S0409	.07190	10.0270	1.4	A
9011	25415.41	39 3N	58 13E	81.7	188.2	2.511	25.20	69.5	S0409	.04090	8.9136	0.6	F
9012	25421.41	38 42N	58 11E	81.9	188.1	2.385	25.55	69.5	S0409	.04090	8.8148	1.2	A
9013	25485.41	33 39N	56 58E	78.5	187.7	2.733	19.95	71.7	S0409	.05410	9.1941	1.0	A
9014	25509.41	29 22N	55 24E	84.6	187.1	2.733	25.90	73.7	S0409	.03090	8.5922	0.6	F
9015	25603.81	25 17N	55 22E	83.4	187.1	2.733	25.55	73.7	S0409	.05410	9.7918	0.6	V
9016	25614.21	24 27N	54 30E	74.3	187.1	3.211	-2.45	73.1	S0409	.07190	9.7349	0.6	F
9017	25619.21	24 17N	54 33E	73.9	187.0	3.211	2.10	73.1	S0409	.07190	9.9196	1.0	V
9018	26160.81	13 16S	48 19E	98.9	186.0	3.090	16.10	48.2	S0409	.05410	7.2911	1.0	F
9019	26166.41	13 27S	48 39E	107.0	186.6	2.511	27.30	48.3	S0409	.05410	6.7781	1.0	V
9020	26172.81	13 40S	48 27E	104.6	186.6	2.733	23.10	48.1	S0409	.05410	6.7946	1.0	A
9021	26218.61	16 43S	47 38E	100.9	186.7	2.872	14.35	45.1	S0409	.05410	7.0584	1.0	A
9022	26240.21	18 10S	47 11E	98.6	186.8	3.090	8.40	43.6	S0409	.05410	7.2151	1.0	A
9023	26248.41	18 59S	47 11E	99.6	186.8	3.090	12.25	42.9	S0409	.05410	7.2563	1.0	V
9024	26260.21	19 40S	47 4E	100.8	186.8	2.872	13.65	42.2	S0409	.05410	7.1739	1.0	V
758 9001	30441.81	55 50N	40 19E	75.6	191.5	1.810	-16.10	55.2	S0130	.03150	9.5476	0.8	F
9002	30447.21	55 50N	40 19E	75.4	191.4	2.033	-15.75	55.2	S0130	.03150	9.6501	0.4	A
9003	30495.01	53 50N	39 44E	85.9	190.9	1.687	-34.30	56.7	S0130	.02260	8.5252	1.0	V
9004	30501.21	53 42N	38 51E	83.0	190.8	1.810	-30.10	57.0	S0130	.02260	8.7561	0.8	A
9005	30525.81	51 54N	37 26E	99.5	190.4	1.475	-44.80	58.3	S0130	.02260	7.3297	2.6	V
9006	30540.61	50 50N	39 20E	74.2	190.1	2.385	9.80	59.8	S0130	.02260	9.7705	3.2	A
9007	30560.61	49 47N	39 7E	77.0	189.8	2.170	17.50	61.0	S0130	.02260	9.4259	2.8	A
9008	30584.61	47 44N	37 30E	73.5	189.5	2.385	-15.75	62.0	S0130	.02260	9.9846	2.8	V
9009	30621.81	45 3N	35 59E	87.6	189.1	2.033	-36.05	63.8	S0130	.02260	8.2366	0.6	F
9010	30628.01	45 0N	35 58E	87.2	189.0	2.170	-35.70	63.8	S0130	.02260	8.3458	0.8	A
9001	30428.21	58 10N	41 38E	74.0	192.2	1.810	-7.70	53.3	S0409	.07190	9.7714	1.2	F
9002	30433.01	57 52N	41 15E	75.2	192.1	1.810	-13.65	53.5	S0409	.07190	9.6064	0.6	F
9003	30438.01	57 34N	41 16E	74.9	192.0	1.610	-12.95	53.5	S0409	.07190	9.6807	1.0	A
9004	30441.21	57 41N	41 10E	74.9	191.9	1.810	-12.95	53.7	S0409	.07190	9.6807	0.6	A
9005	30445.81	56 40N	40 59E	74.4	191.8	1.810	-10.85	54.3	S0409	.07190	9.7136	0.6	F
9006	30451.01	57 0N	40 59E	74.2	191.7	2.033	-10.50	54.3	S0409	.07190	9.7796	0.8	A
9007	30458.21	56 10N	40 25E	75.8	191.6	1.810	-16.45	55.0	S0409	.07190	9.5240	0.6	F
9008	30461.21	55 50N	40 20E	75.6	191.5	1.810	-16.10	55.2	S0409	.07190	9.5487	1.4	F
9009	30466.61	55 50N	40 20E	75.4	191.4	2.033	-15.75	55.2	S0409	.07190	9.6312	1.4	A
9010	30477.41	54 50N	39 3E	88.1	191.2	1.475	-35.00	55.9	S0409	.05410	8.1634	0.6	F
9011	30483.61	54 50N	39 2E	87.8	191.1	1.687	-34.00	55.9	S0409	.05410	8.2788	0.6	A
9012	30509.21	53 40N	39 27E	73.0	190.6	2.170	-8.30	58.1	S0409	.07190	9.9198	0.8	F
9013	30514.41	53 40N	39 27E	72.8	190.5	2.170	-5.60	54.1	S0409	.07190	9.9610	0.8	A
9014	30572.41	48 40N	38 8E	72.3	189.7	2.385	-2.10	61.7	S0409	.07190	10.0270	1.0	F
9015	30578.01	48 19N	38 7E	72.2	189.6	2.385	-1.40	61.7	S0409	.07190	10.0352	0.4	A
9016	30591.61	47 50N	37 29E	73.0	189.4	2.385	-10.15	62.6	S0409	.07190	9.9115	0.4	F
9017	30596.81	47 50N	37 29E	72.8	189.4	2.511	-9.45	62.7	S0409	.07190	9.9610	0.4	A
9018	30765.21	35 21N	33 60F	78.6	187.9	2.733	-26.60	70.0	S0409	.05410	9.3261	0.8	V
9019	30778.41	35 50N	35 6E	87.7	187.6	2.385	32.20	72.3	S0409	.03090	8.5531	0.6	V
9020	30801.61	32 50N	35 6E	89.3	187.6	2.170	32.90	72.3	S0409	.03090	8.0809	0.6	A
9021	30809.01	31 57N	34 51E	87.5	187.6	2.511	30.80	72.6	S0409	.03090	8.3283	0.6	F
9022	30812.21	31 50N	34 51E	86.3	187.6	2.511	31.15	72.6	S0409	.03090	8.4520	0.6	V
9023	30823.01	31 7N	33 50E	73.2	187.5	3.090	1.40	72.3	S0409	.04090	9.9033	1.0	F
9024	30829.41	31 6N	33 50E	73.4	187.5	3.090	2.45	72.3	S0409	.04090	9.8621	0.8	A
9025	30836.21	30 49N	33 25E	73.2	187.4	3.090	-8.05	72.4	S0409	.04090	9.8868	1.0	F
9026	30841.61	30 50N	33 25E	73.2	187.4	3.090	-7.00	72.4	S0409	.04090	9.9033	0.8	A
9027	30852.61	29 0N	32 34E	83.4	187.3	2.733	-30.80	72.1	S0409	.05410	8.6417	0.8	F
9028	30858.61	29 0N	32 34E	82.9	187.3	2.872	-30.10	72.1	S0409	.05410	8.7571	0.8	A
9029	30868.81	28 40N	33 7E	73.5	187.3	3.090	-3.15	72.9	S0409	.04090	9.8456	0.6	A

Handle via
BYEMAN Channels
BYE-8915/84

Approved for Release: 2021/01/22 C05132886

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	%ERROR	
758 9030	30925.41	23 55N	32 49E	80.0	187.0	3.090	18.55	73.5	S0409	.04090	9.0787	0.8	F	
9031	30931.21	23 55N	32 50E	80.8	187.0	2.872	19.95	73.5	S0409	.04090	8.9226	0.8	A	
9032	31114.01	11 4N	29 44E	79.1	186.5	3.439	-10.50	67.7	S0409	.04090	9.1199	0.4	F	
9033	31135.81	9 52N	29 41E	79.3	186.5	3.439	-1.40	66.8	S0409	.05410	9.1117	1.0	F	
9034	31176.61	6 52N	29 40E	85.4	186.5	3.090	17.95	65.3	S0409	.05410	8.5427	1.0	V	
9035	31207.81	4 56N	28 25E	84.2	186.4	3.439	-17.85	63.0	S0409	.05410	8.5427	1.2	F	
9036	31319.01	2 51S	26 37E	101.6	186.4	3.439	-35.35	56.9	S0409	.05410	7.0914	1.0	A	
9037	31689.01	28 9S	23 8E	104.7	187.3	2.872	6.30	34.3	S0409	.07190	6.8770	1.2	V	
9038	31694.01	28 10S	23 0E	105.6	187.3	3.090	3.15	34.2	S0409	.07190	6.7121	1.2	A	
759 9001	35859.41	49 55N	17 45E	88.2	189.9	1.810	33.60	61.1	S0130	.02260	8.3026	0.4	V	
9002	35862.61	49 55N	17 44E	89.2	189.9	1.810	33.60	61.1	S0130	.02260	8.0400	0.6	A	
9001	35618.01	65 50N	24 34E	75.5	195.9	1.475	3.15	46.3	S0409	.07190	9.5317	0.6	F	
9002	35623.61	65 52N	24 11E	75.2	195.7	1.475	-3.85	46.3	S0409	.07190	9.6312	0.6	A	
9003	35745.01	54 56N	18 28E	73.5	191.1	2.170	4.20	56.5	S0409	.07190	9.8703	0.6	F	
9004	35760.21	54 56N	18 23E	73.5	191.0	2.033	4.90	56.5	S0409	.07190	9.8558	0.6	A	
9005	35799.41	53 40N	17 32E	73.8	190.9	2.033	-11.20	57.2	S0409	.07190	9.7961	0.4	F	
9006	35805.81	53 10N	18 2E	73.9	190.8	2.170	7.35	57.8	S0409	.07190	9.8208	0.6	F	
9007	35811.21	53 10N	18 1E	74.0	190.7	2.170	8.05	57.8	S0409	.07190	9.7961	0.6	A	
9008	35821.41	52 54N	16 57E	74.8	190.5	2.170	-15.75	58.1	S0409	.07190	9.7054	0.4	A	
9009	35822.61	52 53N	16 55E	74.8	190.5	2.170	-15.75	58.2	S0409	.07190	9.7054	0.4	A	
9010	35827.21	51 56N	16 50E	73.3	190.4	2.170	-13.65	58.6	S0409	.07190	10.0105	0.4	V	
9011	35838.81	50 50N	17 26E	75.6	190.2	2.170	14.00	59.8	S0409	.07190	9.5902	1.0	F	
9012	35844.21	50 53N	17 26E	75.8	190.1	2.170	14.70	59.6	S0409	.07190	9.5405	1.0	A	
9013	35852.21	49 50N	16 59E	74.1	190.0	2.385	10.15	60.5	S0409	.07190	9.7874	0.6	F	
9014	35859.41	49 55N	17 45E	88.2	189.9	1.810	33.60	61.1	S0409	.05410	8.4036	0.4	V	
9015	35862.61	49 55N	17 44E	89.2	189.9	1.810	33.60	61.1	S0409	.05410	8.0809	0.4	A	
9016	35871.61	48 51N	16 40E	74.0	189.8	2.385	12.60	61.5	S0409	.07190	9.9198	0.6	V	
9017	35876.81	48 49N	16 22E	73.6	189.7	2.385	8.40	61.8	S0409	.07190	9.8621	0.4	F	
9018	35882.01	48 20N	16 22E	73.7	189.6	2.385	9.10	61.8	S0409	.07190	9.8208	0.4	A	
9019	35886.41	47 51N	16 15E	73.0	189.6	2.385	9.80	62.2	S0409	.07190	10.0517	1.0	V	
9020	35894.21	47 44N	15 29E	72.9	189.5	2.385	-11.20	62.2	S0409	.07190	9.9928	1.0	A	
9021	35899.01	47 14N	15 22E	73.1	189.4	2.385	-11.90	62.5	S0409	.07190	9.9280	0.8	A	
9022	35908.81	46 15N	14 28E	81.6	189.3	2.033	-29.75	63.0	S0409	.04090	8.8496	0.6	F	
9023	35914.61	46 15N	14 28E	81.1	189.2	2.385	-29.40	63.0	S0409	.04090	8.9550	0.6	A	
9024	35922.41	45 17N	14 35E	75.5	189.1	2.385	-19.25	63.9	S0409	.07190	9.5795	1.4	F	
9025	35927.81	45 17N	14 35E	75.2	189.1	2.385	-18.55	63.9	S0409	.07190	9.6477	0.4	A	
9026	35937.61	44 9N	15 15E	74.9	189.0	2.511	12.95	65.1	S0409	.07190	9.6972	0.6	F	
9027	35943.01	44 6N	15 14E	75.1	188.9	2.385	13.65	65.1	S0409	.07190	9.6312	0.6	A	
9028	36396.41	13 2N	7 40E	82.4	186.6	3.439	-22.05	68.6	S0409	.05410	8.7815	1.0	A	
760 9001	41248.60	41 10N	8 41W	75.8	188.5	2.511	-22.05	66.7	S0409	.07190	9.6642	0.6	V	
9002	41337.20	37 50N	8 53W	72.3	188.1	2.733	-0.35	69.1	S0409	.07190	10.0187	0.8	A	
9003	41461.20	29 25N	10 10W	81.6	187.4	2.511	23.45	73.2	S0409	.05410	8.8696	1.0	A	
9004	41473.00	28 29N	11 9W	72.7	187.3	3.090	-8.05	72.7	S0409	.04090	10.0765	0.8	V	
9005	41699.20	12 41N	14 4W	78.1	186.6	3.439	-5.95	68.7	S0409	.05410	9.2519	1.0	F	
9006	41704.40	12 20N	14 14W	78.7	186.6	3.439	-10.15	68.4	S0409	.05410	9.1694	1.0	F	
9007	41712.60	12 10N	14 39W	84.6	186.6	3.439	-25.20	68.1	S0409	.05410	8.5427	1.0	A	
761 9001	47239.80	3 44S	38 32W	90.3	186.4	3.211	13.65	56.6	S0409	.05410	7.9902	0.8	F	
9002	47243.00	3 44S	38 31W	89.8	186.4	3.211	14.35	56.6	S0409	.05410	8.0974	1.0	V	
9003	47246.40	3 44S	38 33W	90.7	186.4	3.211	13.65	56.6	S0409	.05410	7.8913	0.6	A	
9004	47260.20	4 01S	39 23W	87.0	186.4	3.574	-11.90	55.3	S0409	.05410	8.3561	1.0	V	
9005	47267.60	5 9S	39 15W	87.5	186.4	3.574	-3.85	55.1	S0409	.05410	8.1481	0.8	A	
9006	47280.60	5 34S	40 17W	104.2	186.5	3.439	-35.35	53.9	S0409	.05410	6.9100	0.8	A	
9007	47313.60	8 42S	38 58W	104.6	186.5	2.511	28.00	52.5	S0409	.05410	6.8111	1.2	A	
9008	47376.80	12 40S	41 26W	104.8	186.5	3.439	-32.20	47.9	S0409	.05410	6.9100	1.0	V	
9009	47390.00	13 20S	41 26W	102.9	186.6	3.574	-28.70	47.4	S0409	.05410	6.9677	1.0	A	
9010	47468.20	18 38S	41 50W	97.6	186.8	3.439	-10.85	42.9	S0409	.05410	7.3305	1.0	F	
9011	47468.60	18 30S	41 58W	98.9	186.8	3.439	-12.95	42.7	S0409	.05410	7.2151	0.6	A	
9012	47519.40	22 40S	43 14W	110.8	186.9	3.211	-28.00	38.8	S0409	.05410	6.4235	1.2	F	
9013	47525.20	22 30S	43 10W	107.5	187.0	3.211	-25.20	38.7	S0409	.05410	6.7121	0.4	V	
9014	47529.20	22 30S	43 10W	108.6	187.0	3.439	-24.85	38.7	S0409	.05410	6.5719	0.4	A	
762 9001	52535.20	3 4S	60 2W	101.3	186.4	2.511	30.10	57.5	S0409	.05410	7.1821	0.8	V	
9002	52539.40	3 6S	59 59W	105.4	186.4	2.511	32.20	57.5	S0409	.05410	6.7698	1.2	A	
9003	52579.20	5 47S	61 16W	88.6	186.4	3.439	4.50	54.7	S0409	.05410	8.0727	0.8	A	
9004	52610.20	8 20S	61 2W	102.8	186.5	2.733	26.60	52.7	S0409	.05410	7.0254	1.0	F	
9005	52649.20	10 49S	61 56W	92.7	186.5	3.211	10.15	50.3	S0409	.05410	7.8253	1.0	V	
9006	52690.80	13 31S	63 44W	107.4	186.6	3.439	-33.95	47.2	S0409	.05410	6.7451	0.8	V	
9007	52697.40	14 10S	63 25W	98.1	186.6	3.439	-21.00	46.8	S0409	.05410	7.2893	0.8	F	
9008	52704.20	14 10S	62 59W	93.9	186.6	3.439	-4.90	47.0	S0409	.05410	7.6109	0.6	A	
9009	52710.40	15 12S	63 7W	94.1	186.6	3.439	-4.90	46.2	S0409	.05410	7.6192	1.0	F	
9010	52719.60	15 47S	63 42W	99.3	186.7	3.439	-21.00	45.4	S0409	.05410	7.1986	1.0	F	
9011	52727.00	15 52S	63 10W	95.1	186.7	3.439	-1.40	45.6	S0409	.05410	7.5037	0.8	A	
9012	52732.60	16 17S	62 55W	97.8	186.7	3.211	9.80	45.4	S0409	.05410	7.2811	1.0	A	
9013	52738.00	16 39S	62 59W	98.3	186.7	3.090	10.15	45.0	S0409	.05410	7.2398	1.0	A	
9014	52743.00	17 00S	63 1W	99.6	186.7	3.090	12.95	44.3	S0409	.05410	7.2069	1.0	F	
9015	52747.40	17 47S	63 11W	98.3	186.7	3.090	9.45	44.0	S0409	.05410	7.2976	0.4	F	
9016	52752.00	17 36S	63 8W	99.0	186.7	3.090	10.50	44.2	S0409	.05410	7.1821	1.0	A	
9017	52754.60	17 47S	63 10W	99.2	186.7	3.090	10.50	44.0	S0409	.05410	7.1769	0.8	A	
9018	52765.60	18 26S	64 6W	98.8	186.6	3.574	-16.80	43.0	S0409	.05410	7.2316	1.0	A	
9019	52772.00	18 40S	64 37W	107.9	186.6	3.574	-30.10	42.5	S0409	.05410	6.6461	0.8	A	

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IM/SEC	BURST TIME SEC	MIRROR
762 9020	52801.60	20 50S	64 57W	107.6	186.9	3.439	-22.00	40.6	S0409	.05410	6.6544	1.0	A
9021	52807.00	21 03S	64 42W	100.3	186.9	3.439	-17.50	40.2	S0409	.07190	7.2069	1.4	V
9022	53045.80	37 42S	67 39W	111.4	188.1	2.733	-1.75	25.1	S0409	.07190	6.4317	1.2	V
9023	53052.20	37 51S	67 49W	113.2	188.1	2.872	-4.55	24.9	S0409	.07190	6.2336	1.2	A
9024	53058.40	38 00S	68 00W	113.8	188.2	2.872	-7.70	23.9	S0409	.07190	6.2338	1.0	F
9025	53064.00	38 08S	68 2W	114.0	188.3	2.872	-4.20	24.0	S0409	.07190	6.1926	1.0	A
763 9001	57146.20	44 03N	73 12W	72.1	189.0	2.511	7.70	64.8	S0409	.07190	10.1837	0.6	V
9002	57200.20	40 52N	74 8W	73.1	188.5	2.511	10.50	67.4	S0409	.07190	10.0517	3.0	V
9003	57410.80	24 33N	77 5W	81.7	187.2	2.733	22.40	73.6	S0409	.05410	8.8313	0.6	A
9004	57422.80	25 46N	77 50W	74.0	187.1	3.211	-1.40	73.1	S0409	.07190	9.7796	0.6	A
9005	57427.40	25 27N	77 52W	74.1	187.1	3.211	-0.35	73.1	S0409	.07190	9.7651	0.6	A
9006	57432.80	25 0N	78 3W	74.2	187.1	3.211	-4.55	73.0	S0409	.07190	9.7651	0.6	A
9007	57467.40	23 19N	78 32W	74.7	186.9	3.211	-3.85	72.8	S0409	.07190	9.6972	0.8	F
9008	57474.80	22 40N	78 48W	75.9	186.9	3.211	-12.60	72.5	S0409	.05410	9.5405	0.8	A
764 9001	62661.19	29 06N	98 27W	81.8	187.4	2.733	23.80	73.2	S0409	.05410	8.8890	3.8	F
9002	62668.59	29 02N	98 29W	82.5	187.4	2.511	24.85	73.2	S0409	.05410	8.7489	3.8	A
9003	62691.79	27 39N	99 44W	74.0	187.2	3.090	-10.15	72.8	S0409	.07190	9.7796	1.0	F
9004	62698.39	27 20N	99 54W	73.6	187.2	3.090	-8.35	73.0	S0409	.07190	9.8291	0.8	A
9005	62717.39	25 59N	100 14W	75.6	187.1	3.090	-16.10	72.8	S0409	.05410	9.5570	0.8	F
9006	62723.79	25 49N	100 6W	74.2	187.1	3.211	-9.10	73.0	S0409	.07190	9.7631	0.8	A
769 9001	2456.38	52 01N	156 16E	73.8	190.7	2.170	-10.15	58.0	S0409	.05410	9.6043	0.4	F
9002	2461.58	52 01N	156 16E	73.6	190.6	2.170	-9.45	58.0	S0409	.05410	9.8621	0.4	A
9003	3740.18	35 42S	138 30E	111.3	187.8	2.733	4.55	27.6	S0409	.07190	6.4482	0.8	V
770 9001	A057.97	32 47N	128 41E	73.1	187.6	2.872	-9.45	71.5	S0409	.07190	9.9115	0.6	F
9002	A064.17	32 44N	128 50E	72.7	187.6	3.090	-2.10	71.7	S0409	.07190	9.9693	0.8	A
9003	A592.57	3 50S	122 35E	91.7	186.4	3.090	17.50	56.4	S0409	.05410	7.9325	0.4	V
9004	A597.17	4 25S	122 26E	90.4	186.4	3.090	12.60	56.3	S0409	.05410	7.9160	1.2	A
9005	A603.57	4 44S	122 55E	95.0	186.4	2.872	21.70	55.8	S0409	.05410	7.6604	0.8	V
9006	A608.57	4 51S	122 45E	101.9	186.4	2.511	28.00	55.9	S0409	.05410	7.0007	0.4	A
9007	A663.37	8 49S	121 39E	92.9	186.5	3.090	13.30	52.1	S0409	.05410	7.8171	0.6	V
9008	A677.37	9 50S	120 19E	99.7	186.5	3.439	-29.05	50.7	S0409	.05410	7.2811	1.0	V
9009	A690.77	10 20S	121 50E	107.1	186.5	2.385	28.70	50.9	S0409	.05410	6.6379	0.4	A
771 5001	13090.37	51 32N	113 3E	85.4	190.4	2.170	29.40	59.5	S0130	.02260	5.5005	0.6	F
5002	13093.37	51 32N	113 3E	84.7	190.5	2.170	28.75	59.5	S0130	.02260	5.6488	0.6	V
5003	13095.97	51 41N	112 60E	85.0	190.3	2.170	30.10	59.6	S0130	.02260	5.6242	0.4	V
5004	13098.97	51 26N	113 1E	86.7	190.3	2.170	30.80	59.6	S0130	.02260	5.3768	0.6	A
5005	13349.37	33 04N	107 17E	73.0	187.7	2.872	8.75	71.4	S0130	.01710	9.9516	0.6	F
5006	13354.57	33 04N	107 17E	73.4	187.7	2.872	9.45	71.4	S0130	.01710	9.8856	0.6	A
5007	13401.17	30 17N	106 49E	79.7	187.4	2.872	21.00	73.0	S0130	.02260	9.1436	1.2	F
5008	13406.97	30 17N	106 49E	80.2	187.4	2.733	21.70	73.0	S0130	.02260	9.0199	1.2	A
5009	13559.77	19 29N	103 10E	91.1	186.3	2.872	-37.10	71.2	S0130	.01710	7.8904	0.8	F
5010	13566.37	19 29N	103 10E	90.4	186.3	3.090	-36.40	71.2	S0130	.01710	8.0368	0.8	A
5011	13643.17	13 39N	103 10E	78.1	186.6	3.439	3.50	69.4	S0130	.02260	9.2755	0.6	F
5012	13649.97	13 30N	103 10E	78.6	186.6	3.211	4.90	69.5	S0130	.02260	9.1951	0.6	A
9001	13249.17	40 40N	109 26E	80.1	188.5	2.511	24.50	67.8	S0409	.05410	9.0369	0.4	F
9002	13255.97	40 40N	109 3E	74.9	188.4	2.511	14.00	67.7	S0409	.07190	9.6724	0.6	A
9003	13324.57	36 36N	106 44E	77.9	187.9	2.733	-25.90	70.0	S0409	.05410	9.2684	1.0	F
9004	13331.97	36 36N	106 38E	79.8	187.9	2.733	-28.35	70.0	S0409	.05410	9.1147	0.4	A
9005	13344.17	34 24N	107 38E	76.3	187.8	2.733	17.85	71.3	S0409	.07190	9.6147	0.4	V
9006	13354.57	33 04N	107 16E	73.3	187.7	2.872	9.45	71.4	S0409	.05410	9.8368	0.6	A
9007	13361.57	33 10N	107 16E	74.9	187.7	2.733	14.35	71.8	S0409	.07190	9.7961	0.4	V
9008	13365.77	33 /N	107 24E	78.8	187.6	2.733	20.65	72.0	S0409	.05410	9.1694	0.6	A
9009	13389.97	31 29N	106 31E	72.6	187.5	3.090	0.35	72.2	S0409	.07190	9.9775	0.4	A
9010	13401.17	30 16N	106 49E	79.7	187.4	2.872	21.00	73.0	S0409	.05410	9.1447	1.2	F
9011	13406.77	30 17N	106 49E	80.1	187.4	2.733	21.70	73.0	S0409	.05410	9.0210	1.4	A
9012	13414.57	29 59N	106 27E	76.7	187.4	2.872	14.70	73.0	S0409	.05410	9.4828	0.6	F
9013	13420.17	29 42N	106 27E	77.1	187.3	2.872	15.40	73.1	S0409	.05410	9.3756	0.4	A
9014	13431.77	28 56N	105 43E	73.5	187.3	3.211	-7.70	72.7	S0409	.07190	9.8621	0.6	A
9015	13441.57	27 54N	106 9E	76.9	187.2	2.872	16.10	73.3	S0409	.05410	9.3920	0.4	A
9016	13450.57	27 24N	105 25E	73.3	187.2	3.211	-8.45	72.9	S0409	.07190	9.8951	0.4	A
9017	13460.17	26 14N	105 48E	76.7	187.2	3.090	14.70	73.5	S0409	.05410	9.4563	0.6	F
9018	13465.77	26 14N	105 49E	77.4	187.1	2.872	16.10	73.5	S0409	.05410	9.3170	0.6	A
9019	13480.57	25 43N	105 28E	75.4	187.1	3.090	10.15	73.4	S0409	.05410	9.5735	0.4	A
9020	13492.57	24 5N	105 3E	73.8	187.0	3.211	1.75	73.1	S0409	.07190	9.8573	0.4	F
9021	13500.57	23 53N	104 19E	79.3	187.0	3.090	-24.85	72.5	S0409	.05410	9.0952	0.6	F
9022	13508.37	22 54N	104 26E	75.6	187.0	3.211	-15.75	72.6	S0409	.05410	9.5570	0.4	F
9023	13514.57	22 26N	104 14E	78.3	186.9	3.211	-22.40	72.4	S0409	.05410	9.2601	0.4	A
9024	13525.77	21 43N	104 53E	79.0	186.9	3.090	13.30	73.0	S0409	.05410	9.3013	0.4	F
9025	13530.57	21 40N	105 1E	81.0	186.9	2.872	19.25	73.1	S0409	.05410	8.8808	0.4	A
9026	13538.17	20 51N	104 43E	77.6	186.9	3.090	13.30	72.8	S0409	.05410	9.3591	0.6	F
9027	13542.37	20 50N	104 34E	76.4	186.9	3.090	7.35	72.7	S0409	.05410	9.4415	0.6	A
9028	13848.37	0 16S	100 23E	84.3	186.4	3.574	-11.20	59.1	S0409	.05410	8.6334	1.2	V
9029	13856.57	0 50S	100 21E	84.2	186.4	3.439	-8.05	58.7	S0409	.05410	8.6417	1.0	V
772 9001	14298.77	58 26N	92 17E	74.5	192.3	1.810	-8.40	53.1	S0409	.05410	9.7054	0.6	F
9002	14304.17	58 27N	92 17E	74.3	192.2	1.910	-7.70	53.1	S0409	.05410	9.7631	0.4	A

Handle via
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BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
772 9003	18398.97	56 10N	92 18E	77.3	191.7	2.033	16.10	55.2	S0409	.07190	9.3920	2.6	F
9004	18335.97	56 12N	92 16E	77.5	191.5	2.033	16.80	55.3	S0409	.07190	9.3508	1.2	A
9005	18513.17	43 47N	87 39E	73.2	188.9	2.511	8.75	65.4	S0409	.07190	9.9198	0.4	F
9006	18518.37	43 47N	87 39E	73.4	188.9	2.511	9.45	65.4	S0409	.07190	9.8703	0.4	A
9007	18536.17	42 12N	87 12E	73.1	188.7	2.733	8.40	66.5	S0409	.05410	9.9363	1.0	F
9008	18541.37	42 13N	87 12E	73.3	188.6	2.511	9.45	66.6	S0409	.05410	9.8866	1.0	A
9009	19044.17	7 12N	79 53E	80.9	186.5	3.439	2.10	65.2	S0409	.05410	8.9385	1.0	F
9010	19049.57	7 2N	79 54E	80.5	186.5	3.439	4.55	65.1	S0409	.05410	9.0622	0.4	V
9011	19052.37	7 2N	79 54E	81.7	186.5	3.439	4.90	65.1	S0409	.05410	8.8066	0.6	A
773 9001	23563.97	61 17N	73 13E	82.8	193.5	1.687	25.20	50.8	S0409	.05410	8.8561	0.4	V
9002	23572.17	60 40N	71 27E	74.5	193.2	1.810	-4.55	51.1	S0409	.07190	9.7054	0.8	F
9003	23577.37	60 40N	71 28E	74.4	193.1	1.810	-3.85	51.1	S0409	.07190	9.7466	0.8	A
9004	23765.77	47 52N	66 44E	73.7	189.5	2.385	9.10	62.3	S0409	.07190	9.8291	0.6	A
9005	23807.77	44 33N	66 16E	80.8	189.0	2.385	24.15	65.1	S0409	.05410	8.9362	1.2	F
9006	23817.57	44 33N	66 16E	81.2	189.0	2.170	24.85	65.1	S0409	.05410	8.9220	1.2	A
9007	23853.37	41 55N	64 30E	72.1	188.6	2.733	-6.30	66.8	S0409	.07190	10.0517	0.6	F
9008	23859.77	41 55N	64 15E	73.4	188.5	2.733	-14.00	66.7	S0409	.07190	9.8366	0.4	A
9009	23874.77	40 9N	65 11E	83.5	188.4	2.305	29.70	68.3	S0409	.04090	8.7901	0.6	V
9010	23881.57	39 44N	64 33E	74.0	188.3	2.733	12.60	68.3	S0409	.05410	9.9115	1.0	V
9011	23891.97	39 7N	63 36E	73.4	188.3	2.733	-16.10	68.2	S0409	.05410	9.9858	0.6	V
9012	23948.17	35 1N	63 7E	72.3	187.3	2.872	1.40	70.8	S0409	.07190	10.0455	0.6	F
9013	23960.37	34 14N	62 14E	78.4	187.3	2.733	-24.85	70.7	S0409	.05410	9.2106	0.8	F
9014	24526.17	4 56S	55 28E	86.8	186.4	3.574	-8.75	55.5	S0409	.05410	8.3775	0.4	V
9015	24529.37	4 56S	55 28E	87.9	186.4	3.574	-8.05	55.5	S0409	.05410	8.1716	0.4	A
9016	24692.77	15 51S	54 31E	110.1	186.7	2.385	26.95	46.0	S0409	.04090	8.4400	1.2	A
774 5001	28898.96	59 10N	49 19E	76.1	192.7	2.033	11.55	52.6	S0130	.03150	9.5229	0.8	F
5002	28904.36	59 10N	49 19E	76.4	192.5	1.810	12.60	52.6	S0130	.03150	9.4981	1.0	A
5003	28972.76	54 54N	47 51E	84.7	191.0	1.810	28.35	56.9	S0130	.02260	8.5582	1.0	A
5004	28980.36	53 40N	46 38E	73.7	190.9	2.170	6.30	57.4	S0130	.03150	9.8362	1.0	F
5005	29029.56	50 59N	44 57E	72.4	190.1	2.170	-9.10	59.9	S0130	.03150	10.1330	2.6	V
5006	29039.76	49 50N	43 55E	82.5	190.0	2.033	-30.10	60.3	S0130	.02260	8.7561	3.0	F
5007	29048.96	49 9N	44 27E	73.2	189.8	2.385	-10.15	61.1	S0130	.02260	9.9021	2.6	F
5008	29056.76	48 56N	44 29E	72.5	189.7	2.385	-3.50	61.6	S0130	.02260	9.9846	1.0	F
5009	29061.96	48 56N	44 29E	72.6	189.7	2.385	-2.80	61.6	S0130	.02260	10.0011	1.0	A
5010	29098.76	46 59N	42 52E	73.6	189.2	2.170	-28.00	63.3	S0130	.02260	9.2260	2.6	V
5011	29113.76	44 59N	43 59E	76.4	189.0	2.385	16.45	64.6	S0130	.02260	9.4399	2.8	A
9001	28898.76	59 10N	49 19E	76.1	192.7	2.033	11.55	52.6	S0409	.07190	9.5240	1.0	F
9002	28904.36	59 10N	49 19E	76.3	192.5	1.810	12.60	52.6	S0409	.07190	9.4992	0.8	A
9003	28968.96	54 40N	47 4E	75.3	192.4	1.810	12.25	53.0	S0409	.07190	9.7466	0.4	V
9004	28914.36	53 52N	49 22E	80.4	192.3	1.810	21.35	53.3	S0409	.07190	9.0127	1.0	A
9005	28930.96	52 4N	48 23E	76.9	191.9	2.033	14.70	54.5	S0409	.07190	9.4333	2.2	F
9006	28937.36	56 41N	47 50E	74.3	191.8	2.033	5.95	54.8	S0409	.07190	9.7549	0.6	F
9007	28942.76	56 40N	47 50E	74.3	191.8	2.033	6.65	54.8	S0409	.07190	9.7466	0.6	A
9008	28948.16	56 9N	47 19E	72.5	191.5	2.033	-1.05	55.2	S0409	.07190	10.1095	1.0	V
9009	28955.16	55 50N	46 26E	76.1	191.4	2.033	-17.15	55.7	S0409	.07190	9.5075	0.4	F
9010	28961.56	55 50N	46 25E	75.9	191.3	2.033	-16.80	55.7	S0409	.07190	9.5736	0.4	A
9011	28980.16	53 12N	45 11E	80.4	190.7	1.810	-26.25	57.6	S0409	.07190	8.9880	0.8	F
9012	28985.76	53 10N	45 11E	79.9	190.6	2.033	-25.90	57.6	S0409	.07190	9.1034	1.0	A
9013	29004.76	51 59N	45 50E	73.0	190.3	2.385	2.45	58.9	S0409	.07190	9.9280	1.2	F
9014	29012.96	51 54N	45 57E	74.8	190.4	2.385	10.85	59.3	S0409	.07190	9.6972	1.6	F
9015	29018.36	51 54N	45 58E	75.0	190.3	2.170	11.90	59.3	S0409	.07190	9.6559	1.2	A
9016	29054.76	48 53N	44 29E	72.6	189.7	2.385	-3.50	61.6	S0409	.07190	9.9855	1.0	F
9017	29061.96	48 53N	44 29E	72.5	189.7	2.385	-2.80	61.6	S0409	.07190	10.0023	1.0	A
9018	29071.56	49 0N	43 44E	76.1	189.5	2.385	-19.95	61.9	S0409	.07190	9.5487	1.0	A
9019	29080.96	47 7N	43 54E	71.8	189.4	2.385	-7.00	62.7	S0409	.07190	10.2166	0.6	V
9020	29087.76	46 24N	44 21E	75.2	189.3	2.511	13.30	63.5	S0409	.07190	9.6542	1.0	F
9021	29123.16	44 10N	43 9E	71.3	188.9	2.511	-4.55	64.9	S0409	.07190	10.2426	0.4	V
9022	29130.16	43 59N	43 29E	74.8	188.9	2.511	13.30	65.7	S0409	.07190	9.7219	0.6	F
9023	29135.56	43 59N	43 30E	75.1	188.8	2.511	14.35	65.7	S0409	.07190	9.6394	0.6	A
9024	29155.36	41 54N	41 47E	80.9	188.6	2.385	-28.70	66.3	S0409	.05410	8.9303	0.6	F
9025	29161.16	41 54N	41 47E	80.3	188.6	2.511	-28.00	66.3	S0409	.05410	9.0457	0.6	A
9026	29165.16	41 55N	41 37E	82.4	188.5	2.511	-30.80	66.4	S0409	.05410	8.8148	0.8	A
9027	29189.16	39 59N	41 11E	82.5	188.3	2.511	-32.20	67.4	S0409	.04090	8.8066	1.2	A
9028	29212.36	37 57N	41 7E	75.6	188.1	2.733	-19.95	68.9	S0409	.07190	9.5652	1.0	F
9029	29227.16	36 50N	40 55E	75.1	188.0	2.733	-18.55	69.5	S0409	.07190	9.6229	0.8	F
9030	29239.36	36 24N	41 52E	79.2	187.9	2.511	21.70	70.4	S0409	.05410	9.1282	1.2	A
9031	29245.96	35 55N	42 9E	89.5	187.9	2.170	33.60	70.9	S0409	.03090	8.0644	1.0	A
9032	29285.36	33 55N	40 14E	73.2	187.5	2.872	-10.85	71.5	S0409	.07190	9.8931	1.0	F
9033	29290.56	33 55N	40 13E	73.1	187.5	3.090	-10.50	71.5	S0409	.07190	9.9198	1.0	A
9034	29643.56	8 14N	35 34E	78.5	186.5	3.439	-9.80	65.7	S0409	.04090	9.0787	1.0	F
9035	29649.36	8 14N	35 34E	79.5	186.5	3.574	-8.75	65.7	S0409	.04090	9.0622	1.0	A
9036	29751.96	0 43N	34 11E	84.6	186.4	3.574	-13.30	69.9	S0409	.04090	8.5015	1.2	F
9037	29758.16	0 43N	34 12E	84.5	186.4	3.574	-11.55	69.9	S0409	.05410	8.5097	0.6	A
9038	29768.56	0 4S	34 44E	88.8	186.4	3.090	15.75	69.7	S0409	.05410	8.0562	1.0	A
9039	29798.16	2 29S	32 56E	103.1	186.4	3.090	-36.75	56.8	S0409	.04090	6.9512	0.8	F
9040	29799.56	2 31S	32 54E	103.8	186.4	3.090	-36.75	56.7	S0409	.04090	6.8935	0.8	F
9041	29803.36	2 31S	32 55E	102.0	186.4	3.090	-36.05	56.7	S0409	.05410	7.1526	0.8	V
9042	29829.96	4 12S	33 13E	88.8	186.4	3.574	-16.10	55.7	S0409	.05410	9.0392	1.2	A
9043	29908.56	9 40S	33 16E	99.0	186.5	2.733	21.35	51.5	S0409	.05410	7.1904	1.2	A
9044	29915.76	10 7S	32 40E	91.0	186.5	3.439	2.45	50.8	S0409	.05410	7.8500	1.0	A
9045	29961.56	13 14S	31 56E	93.2	186.6	3.439	-4.20	47.9	S0409	.05410	7.6604	1.0	A
9046	29980.76	14 35S	31 45E	94.0	186.6	3.439	-2.45	46.7	S0409	.05410	7.5962	1.0	A
9047	30003.56	16 56S	31 50E	98.7	186.7	3.090	12.25	45.0	S0409	.05410	7.2646	1.0	F

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
774 9048	30010.16	15 9S	32 12E	107.7	186.7	2.511	24.50	45.2	S0409	.0541U	6.5367	1.0	A
9049	30021.96	17 4S	31 7E	95.8	186.7	3.439	-4.55	43.7	S0409	.0719U	7.4707	0.6	F
9050	30023.16	17 5S	31 6E	95.9	186.7	3.439	-4.55	43.6	S0409	.0719U	7.4707	0.6	F
9051	30028.76	17 9S	30 59E	96.6	186.7	3.439	-8.40	43.6	S0409	.0541U	7.3800	0.8	A
9052	30065.76	20 2S	29 53E	106.1	186.8	3.439	-26.60	40.9	S0409	.0541U	6.8028	1.0	V
9053	30102.16	23 1S	29 53E	100.5	187.0	3.211	-11.90	38.7	S0409	.0719U	7.1739	1.2	V
9054	30108.76	23 4S	30 14E	101.6	187.0	3.090	3.15	38.2	S0409	.0719U	7.0357	1.0	F
9055	30116.16	23 7S	30 21E	103.4	187.0	2.872	8.05	38.3	S0409	.0541U	6.8523	1.4	A
9056	30124.76	24 1S	29 33E	103.6	187.1	3.439	-14.00	37.5	S0409	.0541U	6.8668	1.0	A
9057	30136.96	25 0S	28 60E	108.6	187.1	3.211	-22.75	36.1	S0409	.0541U	6.5554	1.0	F
9058	30143.96	25 4S	28 18E	124.8	187.1	3.090	-37.80	35.7	S0409	.0541U	5.7638	0.6	V
9059	30148.56	25 6S	28 17E	126.2	187.1	3.090	-37.45	35.7	S0409	.0541U	5.6484	0.8	A
9060	30155.96	26 2S	28 48E	109.8	187.2	3.439	-23.10	35.4	S0409	.0541U	6.4812	0.8	A
9061	30170.16	27 4S	29 59E	110.8	187.2	2.511	18.90	34.7	S0409	.0541U	6.4895	1.0	V
9062	30174.16	28 0S	30 1E	112.8	187.3	2.511	21.00	34.5	S0409	.0541U	6.3823	1.0	V
9063	30181.96	28 3S	29 46E	110.3	187.3	2.511	17.15	34.0	S0409	.0541U	6.5142	1.4	V
9064	30190.16	28 6S	29 29E	108.8	187.3	2.733	11.20	33.6	S0409	.0541U	6.4977	1.0	A
9065	30196.36	29 0S	28 47E	105.3	187.4	3.090	-4.20	32.6	S0409	.0719U	6.7616	1.2	F
9066	30207.36	29 6S	27 55E	115.6	187.4	3.439	-26.25	32.1	S0409	.0541U	6.1514	1.0	A
9067	30230.76	31 0S	28 41E	109.0	187.5	2.872	4.55	31.0	S0409	.0719U	6.4812	1.0	A
9068	30245.56	33 1S	27 55E	109.6	187.6	3.090	-8.05	29.4	S0409	.0719U	6.4812	0.6	F
9069	30249.76	33 1S	27 50E	109.0	187.6	3.090	-10.15	29.3	S0409	.0719U	6.5802	1.0	V
9070	30253.76	33 1S	27 53E	110.2	187.7	3.090	-8.05	29.4	S0409	.0719U	6.4235	0.8	A
775 9001	34251.56	55 5N	26 30E	87.0	191.6	2.033	30.10	55.7	S0130	.0226U	8.3684	1.0	F
9002	34257.76	55 5N	26 29E	87.1	191.4	1.810	30.45	55.7	S0130	.0226U	8.3026	1.0	A
9003	34290.96	53 4N	25 6E	79.8	190.8	2.033	21.70	57.5	S0130	.0226U	9.0776	3.0	A
9001	34057.16	69 7N	33 30E	76.3	198.3	1.332	-0.35	43.3	S0409	.0719U	9.4663	1.6	F
9002	34062.56	69 6N	33 29E	76.2	198.0	1.332	-0.35	43.3	S0409	.0719U	9.5075	1.6	A
9003	34068.96	68 6N	33 17E	75.8	197.7	1.332	5.95	43.9	S0409	.0719U	9.6642	0.6	V
9004	34073.16	68 5N	33 8E	77.1	197.5	1.332	8.40	44.4	S0409	.0541U	9.3838	0.6	F
9005	34078.56	68 4N	33 2E	77.1	197.2	1.332	9.10	44.4	S0409	.0541U	9.3838	0.6	A
9006	34085.16	67 4N	32 21E	77.2	196.9	1.475	9.10	45.1	S0409	.0719U	9.3838	0.6	F
9007	34090.56	67 4N	32 22E	77.2	196.6	1.475	9.80	45.1	S0409	.0719U	9.3838	0.6	A
9008	34203.56	59 2N	27 46E	79.9	192.7	1.810	21.70	52.5	S0409	.0719U	9.1859	0.6	V
9009	34206.56	59 2N	27 46E	81.0	192.6	1.810	22.05	52.5	S0409	.0719U	8.9385	0.6	A
9010	34216.56	58 2N	26 54E	77.0	192.4	2.033	14.35	53.3	S0409	.0719U	9.4250	0.8	F
9011	34221.96	58 2N	26 55E	77.2	192.2	1.810	15.40	53.3	S0409	.0719U	9.3838	0.8	A
9012	34228.56	57 1N	25 55E	72.8	192.1	2.033	-2.45	53.7	S0409	.0719U	10.0682	0.4	V
9013	34231.36	57 1N	25 55E	73.6	192.0	2.033	-2.10	53.7	S0409	.0719U	9.8456	0.4	A
9014	34238.16	56 1N	25 5E	75.1	191.9	1.810	-16.10	54.2	S0409	.0719U	9.7549	0.4	V
9015	34270.16	54 0N	23 59E	77.1	191.2	1.810	-19.95	56.2	S0409	.0719U	9.3591	1.2	F
9016	34274.96	54 1N	23 57E	75.8	191.1	2.033	-19.25	56.3	S0409	.0719U	9.6724	0.4	V
9017	34277.76	54 0N	23 57E	76.5	191.1	2.033	-18.90	56.3	S0409	.0719U	9.4910	0.4	A
9018	34284.16	53 0N	24 19E	73.0	190.9	2.170	-1.05	57.2	S0409	.0719U	9.9198	0.4	F
9019	34303.56	52 0N	23 49E	72.8	190.6	2.170	-1.05	58.3	S0409	.0719U	9.9445	0.8	F
9020	34309.76	52 0N	23 48E	72.8	190.5	2.170	-0.35	58.3	S0409	.0719U	9.9528	0.8	A
9021	34315.36	52 0N	23 41E	72.8	190.4	2.170	0.35	58.7	S0409	.0719U	9.9528	1.0	A
9022	34323.96	51 1N	22 37E	77.1	190.3	2.033	-21.35	59.3	S0409	.0719U	9.3756	0.6	F
9023	34329.36	51 1N	22 33E	76.7	190.2	2.170	-20.65	59.3	S0409	.0719U	9.4663	0.8	A
9024	34348.36	49 0N	22 14E	75.0	189.9	2.170	-17.15	60.7	S0409	.0719U	9.6312	0.6	F
9025	34358.16	49 1N	23 4E	74.7	189.8	2.170	12.60	61.3	S0409	.0719U	9.6972	0.4	A
9026	34363.36	48 2N	22 42E	73.6	189.7	2.385	8.05	61.8	S0409	.0719U	9.8538	1.4	F
9027	34369.16	48 2N	22 42E	73.9	189.6	2.385	8.75	61.9	S0409	.0719U	9.8126	0.8	A
9028	34377.16	47 5N	21 41E	75.3	189.5	2.385	-18.20	61.9	S0409	.0719U	9.6394	0.6	A
9029	34382.96	47 5N	21 41E	74.1	189.5	2.385	-14.70	62.3	S0409	.0719U	9.7961	0.4	A
9030	34389.36	47 5N	21 56E	72.3	189.4	2.511	-2.10	62.8	S0409	.0719U	10.0187	0.6	A
9031	34398.36	46 6N	21 42E	72.3	189.3	2.511	-1.05	63.6	S0409	.0719U	10.0270	0.6	F
9032	34403.56	46 6N	21 42E	72.3	189.2	2.511	-0.35	63.6	S0409	.0719U	10.0270	0.6	A
9033	34408.76	45 7N	21 16E	73.2	189.2	2.511	-11.55	63.7	S0409	.0719U	9.9053	1.0	A
9034	34417.36	44 5N	20 40E	77.0	189.1	2.385	-22.40	64.3	S0409	.0719U	9.3838	0.8	F
9035	34422.76	44 5N	20 40E	76.7	189.0	2.385	-21.70	64.3	S0409	.0719U	9.4745	0.4	A
9036	34434.36	43 6N	21 2E	72.3	188.9	2.511	0.70	65.4	S0409	.0409U	10.0270	0.6	F
9037	34439.56	43 6N	21 2E	72.3	188.8	2.511	1.40	65.5	S0409	.0409U	10.0187	0.6	A
9038	34444.76	43 7N	20 51E	72.2	188.8	2.511	-2.10	65.7	S0409	.0719U	10.0352	0.6	A
9039	34482.96	40 1N	20 1E	72.2	188.4	2.733	-4.55	67.7	S0409	.0719U	10.0352	0.4	F
9040	34488.16	40 1N	20 1E	72.2	188.4	2.733	-3.85	67.7	S0409	.0719U	10.0435	0.4	A
9041	34895.76	12 1N	15 0E	89.1	186.6	2.733	25.55	69.0	S0409	.0309U	8.0480	0.8	A
9042	35034.36	2 4N	12 39E	82.7	186.4	3.574	-2.45	61.6	S0409	.0541U	8.6829	1.0	A
9043	35135.96	4 4S	11 53E	92.5	186.4	3.211	16.10	55.7	S0409	.0541U	7.8088	0.6	F
9044	35136.16	4 4S	11 50E	91.0	186.4	3.211	15.05	55.7	S0409	.0719U	7.9902	0.6	V
9045	35142.56	4 4S	11 51E	92.7	186.4	3.211	15.75	55.7	S0409	.0719U	7.7099	0.6	A
9046	35148.76	5 1S	12 10E	103.4	186.4	2.511	29.05	55.5	S0409	.0409U	6.8935	1.2	A
9047	35153.76	5 3S	12 12E	106.7	186.4	2.511	31.50	55.3	S0409	.0409U	6.6791	1.0	A
9048	35161.96	6 7S	12 23E	117.3	186.5	2.033	38.50	54.9	S0409	.0409U	6.0524	0.8	A
776 9001	39461.76	62 0N	6 9E	74.7	194.0	1.687	-4.55	49.5	S0409	.0967U	9.6389	0.6	F
9002	39466.96	62 1N	6 11E	74.5	193.9	1.687	-3.50	49.5	S0409	.0719U	9.7301	0.8	A
9003	39484.16	61 1N	6 34E	79.7	193.5	1.687	19.60	50.8	S0409	.0409U	9.0787	0.8	A
9004	39862.36	35 1N	3 50W	78.0	187.9	2.733	-24.15	70.2	S0409	.0541U	9.2519	0.8	F
9005	40182.16	13 3N	8 2W	82.4	186.6	3.439	-22.75	68.8	S0409	.0409U	8.7736	0.8	A
9006	40190.36	13 3N	7 56W	78.9	186.6	3.439	-12.60	68.5	S0409	.0541U	9.1364	0.6	F
9007	40195.96	13 3N	7 56W	78.9	186.6	3.439	-11.55	68.5	S0409	.0541U	9.1529	0.8	A
9008	40207.96	11 2N	7 30W	81.5	186.5	3.090	14.70	68.3	S0409	.0409U	8.9633	0.8	V
9009	40287.16	6 1N	6 15W	89.0	186.5	2.872	21.35	64.8	S0409	.0541U	8.0480	1.0	A

Handle via
BYEMAN Channels
BYE-8915/84

Approved for Release: 2021/01/22 C05132886

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
777 9001	45731.15	3 49S	32 25W	87.8	186.4	3.439	6.65	56.3	S0409	.0541U	8.2129	1.0	F
778 9001	51006.75	1 57S	54 4W	88.2	186.4	3.211	11.90	58.0	S0409	.0541U	8.1881	1.2	F
9002	51017.55	2 24S	54 48W	86.1	186.4	3.574	-14.35	57.2	S0409	.0541U	8.4438	0.6	V
9003	51025.55	2 47S	54 17W	88.3	186.4	3.211	10.15	57.3	S0409	.0541U	8.1057	1.0	A
9004	51120.15	9 18S	54 57W	101.8	186.5	2.733	24.85	51.8	S0409	.0541U	6.9925	1.0	A
9005	51148.15	12 26S	56 59W	99.3	186.6	3.439	-24.85	47.8	S0409	.0541U	7.1386	1.0	F
9006	51173.35	13 4S	56 48W	94.4	186.6	3.439	-17.50	47.8	S0409	.0541U	7.6851	1.0	V
9007	51184.15	13 39S	55 57W	99.2	186.6	2.872	17.15	47.8	S0409	.0541U	7.1739	0.8	A
9008	51193.75	14 27S	57 1W	94.9	186.6	3.574	-16.10	46.6	S0409	.0541U	7.6357	1.0	V
9009	51202.35	14 54S	56 43W	94.2	186.6	3.439	-2.80	46.4	S0409	.0541U	7.5779	1.0	A
9010	51206.15	15 20S	56 51W	93.1	186.6	3.439	-4.55	45.9	S0409	.0719U	7.7758	1.0	V
9011	51212.35	15 36S	57 17W	97.1	186.7	3.439	-16.10	45.2	S0409	.0541U	7.3718	1.0	F
9012	51216.75	15 46S	57 25W	98.5	186.7	3.439	-18.90	44.9	S0409	.0541U	7.2563	0.8	F
9013	51221.35	16 3S	57 39W	103.3	186.7	3.439	-25.90	44.9	S0409	.0541U	6.9547	0.8	A
9014	51225.15	16 04S	57 38W	100.3	186.7	3.439	-23.10	44.5	S0409	.0541U	7.2234	1.0	V
9015	51229.55	16 24S	57 43W	101.2	186.7	3.439	-24.15	44.2	S0409	.0541U	7.1491	1.0	V
9016	51234.55	16 48S	57 42W	101.6	186.7	3.439	-22.40	44.2	S0409	.0541U	7.0419	0.8	A
9017	51246.15	17 46S	57 32W	97.7	186.7	3.574	-12.25	43.6	S0409	.0541U	7.3058	0.8	A
9018	51252.55	18 9S	58 9W	107.6	186.8	3.574	-29.05	43.0	S0409	.0541U	6.6461	1.2	A
9019	51258.55	19 7S	57 54W	99.9	186.8	3.439	-16.80	42.3	S0409	.0541U	7.1574	1.0	F
9020	51263.35	18 58S	57 48W	99.0	186.8	3.439	-13.65	42.5	S0409	.0541U	7.2069	0.8	A
9021	51269.15	19 20S	58 0W	100.9	186.8	3.574	-17.85	42.0	S0409	.0541U	7.0749	1.0	A
9022	51411.35	29 4S	59 12W	106.7	187.3	2.872	4.90	33.3	S0409	.0719U	6.6379	1.0	A
9023	51440.75	31 04S	60 15W	108.2	187.5	3.090	-10.85	30.7	S0409	.0719U	6.5719	1.2	F
9024	51444.55	31 46S	60 23W	108.9	187.5	3.090	-15.05	30.4	S0409	.0719U	6.6049	0.8	V
9025	51452.55	31 45S	60 28W	110.2	187.6	3.090	-14.35	30.4	S0409	.0719U	6.4400	1.0	A
9026	51464.95	32 02S	60 46W	110.3	187.6	3.090	-16.10	29.4	S0409	.0719U	6.5142	1.0	V
9027	51476.15	33 26S	60 1W	111.2	187.7	2.733	7.70	29.1	S0409	.0719U	6.3493	1.0	A
9028	51484.75	34 03S	60 24W	110.3	187.8	2.872	3.15	28.0	S0409	.0719U	6.4482	1.2	F
9029	51491.15	34 26S	61 1W	111.1	187.8	3.090	-10.50	27.5	S0409	.0719U	6.3988	1.2	F
9030	51501.35	35 22S	60 56W	109.6	187.9	2.872	-5.25	27.1	S0409	.0719U	6.5472	1.0	V
9031	51537.95	38 0S	61 20W	112.9	188.1	2.733	0.70	24.6	S0409	.0719U	6.2916	1.0	F
9032	51543.75	38 14S	61 27W	111.8	188.2	2.733	-1.40	24.4	S0409	.0719U	6.4070	0.8	V
9033	51549.55	38 31S	61 40W	114.7	188.2	2.872	-10.85	23.7	S0409	.0719U	6.1844	1.0	F
9034	51560.75	39 20S	62 5W	113.8	188.3	2.872	-9.80	23.3	S0409	.0719U	6.2916	1.0	V
779 9001	56013.55	18 07N	72 17W	83.2	186.8	2.733	23.10	72.3	S0409	.0541U	8.7901	1.4	V
9002	56017.55	18 36N	72 10W	84.5	186.8	2.733	23.45	72.2	S0409	.0541U	8.5097	0.4	A
9003	56118.15	11 16N	74 13W	78.4	186.5	3.439	-2.10	67.9	S0409	.0719U	9.2189	0.6	F
9004	56125.35	11 2N	74 44W	83.0	186.5	3.439	-23.80	67.3	S0409	.0541U	8.7983	0.8	V
9005	56128.55	11 1N	74 48W	83.9	186.5	3.439	-23.45	67.3	S0409	.0541U	8.6169	0.6	A
9006	56141.55	9 42N	75 7W	86.8	186.5	3.211	-27.30	66.3	S0409	.0541U	8.2871	0.8	F
9007	56149.75	9 13N	74 50W	79.7	186.5	3.439	-13.65	66.3	S0409	.0541U	9.1612	1.0	V
9008	56161.75	8 43N	75 9W	83.9	186.5	3.574	-21.35	65.8	S0409	.0541U	8.6087	1.0	A
9009	56286.35	0 6S	76 19W	83.3	186.4	3.574	-7.35	59.3	S0409	.0541U	8.7406	1.0	V
9010	56295.55	0 26S	76 59W	94.2	186.4	3.574	-29.40	58.6	S0409	.0541U	7.6686	0.8	A
9011	56422.35	9 7S	78 31W	99.6	186.5	3.574	-28.35	51.2	S0409	.0541U	7.2069	1.0	A
780 5001	61020.34	38 47N	90 22W	74.8	188.2	2.733	12.95	68.9	S0130	.0226U	9.7207	0.4	F
5002	61025.74	38 47N	90 22W	75.3	188.2	2.511	14.00	68.9	S0130	.0226U	9.6383	0.4	A
9001	61346.74	16 29N	95 5W	77.9	186.7	3.211	10.50	71.0	S0409	.0541U	9.4003	0.8	V
781 9001	66476.94	28 6N	115 11W	73.5	187.3	3.090	0.00	73.0	S0409	.0719U	9.8703	1.0	F
9002	66487.54	27 42N	114 49W	79.0	187.2	2.733	18.55	73.4	S0409	.0541U	9.1364	1.0	A
786 9001	6316.13	49 16N	140 14E	77.9	189.8	2.170	20.65	61.4	S0409	.0541U	9.4333	0.4	V
9002	6319.93	49 16N	140 14E	79.0	189.8	2.170	21.00	61.4	S0409	.0541U	9.1694	0.4	A
9003	7080.93	3 0S	128 12E	87.8	186.4	3.574	-14.00	56.6	S0409	.0541U	8.1881	0.6	A
787 5001	11851.12	33 47N	112 13E	88.4	187.7	2.385	-37.45	70.6	S0130	.0226U	8.1624	0.4	F
5002	11857.32	33 47N	112 13E	87.6	187.7	2.511	-36.75	70.6	S0130	.0226U	8.3026	0.6	A
9001	11439.92	61 49N	122 26E	75.1	193.7	1.687	-7.35	50.2	S0409	.0719U	9.6229	0.4	F
9002	11445.12	61 50N	122 26E	75.0	193.5	1.687	-7.00	50.2	S0409	.0719U	9.6724	0.6	A
9003	11557.12	53 40N	119 45E	78.4	190.9	2.170	19.25	57.6	S0409	.0541U	9.2601	0.4	F
9004	11562.92	53 44N	119 47E	79.3	190.8	2.033	21.00	57.6	S0409	.0719U	9.1282	0.4	A
9005	11713.52	43 26N	115 3E	75.8	188.8	2.511	-21.35	65.3	S0409	.0719U	9.5817	0.4	A
9006	11747.32	40 50N	115 8E	72.0	188.3	2.733	5.25	67.5	S0409	.0719U	10.0765	0.4	F
9007	11752.32	40 26N	115 7E	72.8	188.5	2.733	8.05	67.8	S0409	.0719U	9.9775	0.6	F
9008	11757.52	40 26N	115 8E	73.1	188.4	2.733	9.10	67.8	S0409	.0719U	9.9115	0.6	A
9009	11763.12	39 44N	114 52E	71.9	188.4	2.733	5.95	68.2	S0409	.0719U	10.1012	0.4	F
9010	11770.92	39 27N	114 13E	72.6	188.3	2.733	-15.05	68.1	S0409	.0719U	10.1095	0.6	V
9011	11787.52	38 4N	114 23E	72.6	188.2	2.872	3.15	69.2	S0409	.0719U	9.9340	0.6	F
9012	11792.92	38 5N	114 23E	72.7	188.1	2.733	4.20	69.2	S0409	.0719U	9.9610	0.4	A
9013	11803.72	36 50N	114 26E	75.9	188.0	2.733	15.05	70.1	S0409	.0541U	9.5735	0.8	F
9014	11809.12	36 50N	114 26E	76.4	188.0	2.733	16.10	70.1	S0409	.0541U	9.4663	0.8	A
9015	11826.32	35 26N	112 59E	78.4	187.9	2.733	-25.90	70.1	S0409	.0541U	9.2106	0.6	F
9016	11831.92	35 26N	112 59E	78.1	187.8	2.733	-25.20	70.1	S0409	.0541U	9.3096	0.6	A
9017	11879.72	31 50N	112 8E	79.8	187.5	2.733	-28.35	71.5	S0409	.0541U	9.1859	0.4	V
9018	11884.72	31 26N	112 19E	75.6	187.5	2.872	-14.55	71.9	S0409	.0719U	9.5570	0.6	F

Handle via
BYEMAN Channels
BYE-8915/84

Approved for Release: 2021/01/22 C05132886

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
787 9019	11890.92	31 4N	112 4E	78.3	187.5	2.872	-24.15	71.9	S0409	.0541U	9.2189	0.6	F
9020	11896.52	31 1N	112 4E	78.0	187.5	2.872	-23.45	71.9	S0409	.0541U	9.3096	0.6	A
9021	11905.52	30 21N	112 14E	74.1	187.4	3.090	-12.60	72.3	S0409	.0719U	9.7961	0.6	A
9022	11914.32	29 56N	111 40E	79.7	187.4	2.872	-27.65	72.1	S0409	.0541U	9.1859	0.4	V
9023	11928.92	28 14N	112 48E	83.4	187.3	2.733	25.55	73.5	S0409	.0541U	8.7241	0.4	F
9024	11931.92	28 14N	112 48E	82.8	187.3	2.733	25.90	73.6	S0409	.0541U	8.8643	0.4	V
9025	11934.92	28 14N	112 48E	84.2	187.3	2.511	26.60	73.6	S0409	.0541U	8.5839	0.4	A
9026	11944.72	27 16N	111 44E	73.6	187.2	3.090	-8.05	72.9	S0409	.0719U	9.8373	0.6	F
9027	11950.12	27 16N	111 44E	73.6	187.2	3.211	-7.00	72.9	S0409	.0719U	9.8456	0.4	A
9028	11957.32	26 56N	111 41E	73.6	187.2	3.211	-2.45	73.1	S0409	.0719U	9.8538	0.4	F
9029	11963.72	26 42N	111 11E	77.9	187.1	3.090	-22.05	72.7	S0409	.0541U	9.3096	0.4	A
9030	12001.12	23 51N	111 19E	74.4	187.0	3.090	6.30	73.1	S0409	.0719U	9.8456	0.4	V
9031	12003.92	23 51N	111 20E	75.5	187.0	3.090	7.00	73.2	S0409	.0719U	9.8652	0.4	A
9032	12018.72	22 58N	110 6E	87.5	186.9	3.090	-34.30	72.1	S0409	.0409U	8.2871	0.8	A
9033	12031.12	21 59N	110 25E	76.4	186.9	3.211	-14.70	72.3	S0409	.0719U	9.4580	0.6	F
9034	12036.12	21 40N	110 16E	77.0	186.9	3.211	-18.90	72.1	S0409	.0541U	9.5157	0.4	V
9035	12038.92	21 40N	110 16E	77.9	186.9	3.211	-18.55	72.1	S0409	.0541U	9.3178	0.6	A
9036	12049.52	20 2N	110 16E	75.9	186.8	3.211	-10.85	72.0	S0409	.0541U	9.5322	0.6	F
9037	12054.72	20 3N	110 17E	75.8	186.8	3.439	-9.45	72.0	S0409	.0541U	9.5487	0.8	A
9038	12059.32	19 42N	110 6E	76.5	186.8	3.211	-12.95	71.7	S0409	.0541U	9.4478	0.8	F
9039	12063.72	19 26N	110 11E	75.8	186.8	3.439	-8.75	71.8	S0409	.0541U	9.5405	1.4	A
9040	12071.12	18 53N	109 59E	76.3	186.8	3.439	-11.20	71.5	S0409	.0541U	9.4745	1.0	F
9041	12079.32	18 16N	109 44E	77.7	186.8	3.211	-18.55	71.2	S0409	.0541U	9.4250	0.4	V
9042	12081.12	18 16N	109 45E	78.4	186.7	3.439	-17.85	71.2	S0409	.0541U	9.2354	0.4	A
9043	12142.92	13 59N	109 4E	78.4	186.6	3.439	-14.00	69.2	S0409	.0541U	9.2271	0.6	A
9044	12149.12	13 0N	109 15E	77.4	186.6	3.439	-1.05	69.0	S0409	.0541U	9.3426	0.6	F
9045	12161.32	12 17N	109 12E	78.6	186.6	3.439	3.85	68.6	S0409	.0719U	9.2106	0.6	F
9046	12166.92	12 17N	109 13E	79.1	186.6	3.211	5.60	68.6	S0409	.0719U	9.1117	1.2	A
9047	12170.32	12 0N	109 10E	79.1	186.6	3.211	5.25	68.5	S0409	.0541U	9.1034	0.8	A
9048	12171.92	11 56N	109 9E	79.1	186.6	3.211	5.25	68.4	S0409	.0541U	9.1034	0.6	A
9049	12426.52	6 6S	106 39E	100.7	186.4	2.872	25.90	54.6	S0409	.0541U	7.1821	0.8	F
9050	12431.72	6 14S	106 54E	109.1	186.5	2.511	33.95	54.7	S0409	.0409U	6.6709	0.8	V
9051	12435.92	6 19S	106 54E	111.2	186.5	2.170	34.65	54.7	S0409	.0409U	6.4152	0.6	A
9052	12439.72	6 24S	106 46E	107.7	186.5	2.385	31.85	54.4	S0409	.0409U	6.6131	0.8	A
788 9001	16834.32	55 60N	97 50E	73.6	191.5	2.033	1.05	55.5	S0409	.0719U	9.8456	0.6	F
9002	16840.72	55 53N	98 10E	75.4	191.4	2.033	11.20	55.6	S0409	.0541U	9.6064	0.4	A
9003	17029.32	43 7N	92 49E	75.8	188.7	2.511	-21.00	65.6	S0409	.0541U	9.5817	1.2	A
9004	17210.52	30 52N	91 4E	79.2	187.4	2.511	24.15	73.0	S0409	.0409U	9.1199	1.2	A
9005	17216.92	29 59N	91 9E	86.1	187.4	2.511	31.50	73.4	S0409	.0409U	8.4685	0.6	F
9006	17224.12	29 14N	90 40E	76.0	187.4	2.872	18.90	73.2	S0409	.0541U	9.5817	0.8	F
9007	18207.32	37 9S	77 33E	112.7	188.1	2.733	-0.70	24.8	S0409	.0719U	6.3575	0.6	V
9008	18211.52	37 9S	77 33E	114.4	188.1	2.733	-0.35	24.8	S0409	.0719U	6.1679	0.6	A
789 5001	22281.32	46 26N	72 52E	76.6	189.4	2.511	17.15	63.6	S0130	.0226U	9.4981	0.8	F
5002	22286.92	46 26N	72 52E	77.0	189.3	2.511	17.85	63.6	S0130	.0226U	9.4239	0.8	A
5003	22402.72	38 17N	69 13E	81.0	188.2	2.385	-30.80	68.5	S0130	.0226U	8.9210	0.4	F
5004	22405.52	38 16N	69 13E	79.8	188.2	2.385	-30.45	68.5	S0130	.0226U	9.1848	0.4	V
9001	22161.92	54 59N	74 9E	80.1	191.2	1.810	-26.95	56.1	S0409	.0541U	9.1364	0.6	V
9002	22165.12	54 57N	74 9E	80.9	191.1	1.810	-26.60	56.2	S0409	.0541U	8.9715	0.8	A
9003	22281.32	46 26N	72 52E	76.7	189.4	2.511	17.15	63.6	S0409	.0719U	9.4992	1.4	F
9004	22286.72	46 29N	72 52E	77.0	189.3	2.511	17.85	63.6	S0409	.0719U	9.4250	1.4	A
9005	22293.52	45 58N	72 34E	76.1	189.2	2.511	16.10	64.2	S0409	.0719U	9.5487	0.6	F
9006	22298.92	45 59N	72 34E	76.4	189.1	2.385	16.80	64.2	S0409	.0719U	9.4745	0.6	A
9007	22334.72	42 53N	71 19E	72.0	188.8	2.733	0.70	66.1	S0409	.0541U	10.0682	0.6	F
9008	22339.92	42 53N	71 19E	72.1	188.7	2.733	1.40	66.1	S0409	.0541U	10.0600	0.6	A
9009	22362.52	41 2N	70 11E	75.8	188.5	2.511	-21.35	67.0	S0409	.0719U	9.5240	1.0	F
9010	22367.92	41 2N	70 11E	75.6	188.5	2.733	-21.00	67.0	S0409	.0719U	9.6147	1.0	A
9011	22376.92	40 16N	69 41E	80.7	188.4	2.385	-30.10	67.4	S0409	.0541U	9.0869	0.4	V
9012	22379.92	40 16N	69 41E	81.4	188.4	2.385	-29.75	67.4	S0409	.0541U	8.9385	0.4	A
9013	22405.52	38 17N	69 13E	79.9	188.2	2.385	-30.45	68.6	S0409	.0541U	9.1359	0.4	V
9014	22408.32	38 16N	69 13E	80.5	188.1	2.385	-30.10	68.6	S0409	.0541U	9.0292	0.4	A
9015	22417.12	37 41N	69 9E	79.5	188.1	2.733	-28.00	68.9	S0409	.0541U	9.1447	0.6	A
9016	22455.32	34 56N	69 7E	71.6	187.8	2.872	-5.25	70.9	S0409	.0541U	10.1177	1.2	F
9017	22460.52	34 56N	69 7E	71.6	187.8	2.872	-4.20	70.9	S0409	.0541U	10.1259	0.8	A
9018	22596.72	24 52N	66 59E	74.6	187.1	3.211	-9.80	72.9	S0409	.0719U	9.6972	0.8	F
9019	22602.12	24 52N	66 59E	74.6	187.1	3.211	-8.75	72.9	S0409	.0719U	9.7136	0.8	A
790 5001	27555.72	49 24N	49 22E	97.2	189.8	1.810	-43.05	60.5	S0130	.0226U	7.5111	2.6	A
9001	27426.52	57 53N	53 17E	79.6	192.0	1.687	-25.20	53.6	S0409	.0719U	9.2024	0.6	V
9002	27429.52	57 53N	53 17E	80.5	192.0	1.687	-25.20	53.6	S0409	.0719U	9.0210	0.4	A
9003	27437.12	56 56N	53 21E	75.6	191.8	1.810	-15.05	54.6	S0409	.0719U	9.5487	0.4	F
9004	27440.92	56 52N	53 11E	75.9	191.7	1.810	-18.20	54.6	S0409	.0719U	9.6559	0.4	V
9005	27443.72	56 52N	53 11E	76.6	191.7	2.033	-18.20	54.6	S0409	.0719U	9.4745	0.4	A
9006	27452.72	56 6N	54 16E	77.6	191.5	2.033	16.80	55.5	S0409	.0719U	9.3261	0.4	A
9007	27476.12	54 32N	53 31E	76.7	191.0	2.033	15.40	56.9	S0409	.0719U	9.4415	0.6	A
9008	27488.12	53 40N	51 35E	79.8	190.8	1.810	-25.20	57.4	S0409	.0719U	9.0375	0.6	F
9009	27499.12	52 49N	52 51E	77.3	190.6	2.170	17.15	58.6	S0409	.0719U	9.3920	1.0	F
9010	27504.72	52 49N	52 51E	77.6	190.5	2.033	17.85	58.6	S0409	.0719U	9.3343	0.8	A
9011	27512.92	51 40N	52 19E	75.1	190.4	2.170	12.25	59.3	S0409	.0719U	9.6724	0.8	F
9012	27518.32	51 40N	52 19E	75.3	190.3	2.170	12.95	59.3	S0409	.0719U	9.6229	0.8	A
9013	27526.32	51 11N	51 33E	72.8	190.2	2.385	-4.20	59.6	S0409	.0719U	9.9610	0.6	A
9014	27614.92	44 40N	50 19E	78.5	189.1	2.511	20.30	65.0	S0409	.0719U	9.2584	0.6	F

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
790 9015	27620.51	44 40N	50 20E	79.3	189.0	2.385	21.70	65.0	S0409	.05410	9.1199	0.6	A
9016	27674.92	40 43N	49 28E	83.0	188.5	2.385	28.00	68.0	S0409	.05410	8.8396	0.4	V
9017	27677.91	40 43N	49 28E	84.4	188.4	2.170	28.70	68.0	S0409	.05410	8.5674	0.4	A
9018	27682.72	40 40N	49 28E	86.9	188.4	2.170	32.20	68.4	S0409	.03090	8.4603	0.8	V
9019	27685.91	40 9N	49 28E	88.3	188.4	2.170	32.55	68.4	S0409	.03090	8.1881	0.8	A
9020	27694.12	39 57N	48 58E	80.0	188.3	2.385	22.75	68.6	S0409	.05410	9.0375	0.4	A
9021	27698.92	39 53N	48 49E	80.3	188.3	2.511	23.10	69.1	S0409	.05410	9.0705	0.6	F
9022	27703.12	39 47N	48 51E	80.8	188.2	2.511	25.20	69.2	S0409	.05410	9.0869	0.6	V
9023	27706.31	39 46N	48 53E	82.6	188.2	2.511	26.25	69.2	S0409	.05410	8.7489	0.6	A
9024	27710.32	39 29N	48 53E	84.5	188.2	2.170	28.70	69.4	S0409	.05410	8.5510	0.4	A
9025	27756.51	35 59N	46 10E	89.6	187.8	2.511	-38.85	69.8	S0409	.03090	8.1304	0.6	A
9026	27772.91	34 7N	46 31E	74.1	187.7	2.872	-19.25	70.9	S0409	.07190	9.9033	1.0	V
9027	27793.51	32 52N	45 57E	80.2	187.6	2.733	-27.30	71.3	S0409	.05410	8.5962	0.4	F
9028	27796.31	32 52N	45 57E	78.9	187.6	2.733	-26.60	71.3	S0409	.05410	9.2931	0.4	V
9029	27803.71	32 9N	46 24E	73.1	187.6	3.090	-7.35	71.9	S0409	.07190	9.9198	0.8	A
9030	27815.31	30 56N	46 25E	73.4	187.5	3.090	2.80	72.4	S0409	.07190	9.8868	1.0	F
9031	27825.71	30 56N	46 37E	76.8	187.4	2.872	15.05	72.8	S0409	.05410	9.4085	0.8	A
9032	27847.91	28 42N	46 8E	76.8	187.3	2.872	14.35	73.3	S0409	.05410	9.4164	0.8	A
9033	28014.11	17 56N	44 15E	83.9	186.7	2.872	22.40	71.8	S0409	.03090	8.5922	0.8	A
9034	28050.11	14 47N	42 59E	77.7	186.6	3.439	-9.80	69.7	S0409	.04090	9.3013	0.8	F
9035	28055.71	14 47N	42 59E	77.7	186.6	3.439	-8.75	69.8	S0409	.04090	9.2931	0.8	A
9036	28258.11	0 26N	40 53E	85.6	186.4	3.439	7.35	59.8	S0409	.05410	8.4355	1.0	F
9037	28274.71	0 25S	39 39E	96.9	186.4	3.439	-33.25	58.5	S0409	.05410	7.5120	1.0	V
9038	28280.51	0 56S	39 46E	93.9	186.4	3.574	-28.35	58.4	S0409	.05410	7.6686	0.8	A
9039	28294.91	2 13S	40 55E	96.8	186.4	2.872	24.50	57.9	S0409	.05410	7.4625	0.8	F
9040	28301.51	2 11S	40 51E	96.1	186.4	2.733	23.45	57.9	S0409	.05410	7.4377	1.0	A
9041	28309.51	2 55S	40 13E	85.9	186.4	3.439	3.85	57.0	S0409	.05410	8.4685	0.6	V
9042	28312.71	2 55S	40 13E	87.2	186.4	3.439	4.20	57.0	S0409	.05410	8.2211	0.6	A
9043	28316.71	3 11S	40 6E	86.9	186.4	3.439	1.75	56.7	S0409	.05410	8.2459	1.0	A
9044	28326.11	4 1S	39 40E	86.6	186.4	3.574	-10.50	55.8	S0409	.05410	8.4025	0.8	V
9045	28329.31	4 4S	39 40E	87.7	186.4	3.574	-10.15	55.8	S0409	.05410	8.1381	0.6	A
9046	28338.11	5 2S	39 7E	94.1	186.4	3.439	-24.85	54.7	S0409	.07190	7.6192	0.8	F
9047	28341.71	5 3S	39 7E	92.8	186.4	3.439	-24.15	54.7	S0409	.07190	7.8336	0.4	V
9048	28345.31	5 3S	39 4E	94.6	186.4	3.439	-24.85	54.7	S0409	.05410	7.6109	0.8	A
9049	28362.31	6 44S	39 14E	89.0	186.5	3.574	-9.45	53.5	S0409	.05410	8.0727	0.4	F
9050	28365.51	6 44S	39 14E	88.1	186.5	3.574	-8.75	53.5	S0409	.05410	8.2459	0.8	V
9051	28368.91	6 44S	39 15E	89.1	186.5	3.574	-7.70	53.5	S0409	.05410	8.0480	0.6	A
9052	28419.11	10 21S	38 47E	90.0	186.5	3.439	-1.75	50.4	S0409	.05410	8.0644	0.6	V
9053	28421.31	10 21S	38 47E	91.3	186.5	3.439	-1.05	50.4	S0409	.05410	7.8336	0.6	A
9054	28460.91	13 6S	39 4E	105.2	186.6	2.511	24.85	48.3	S0409	.04090	6.7616	0.6	A
9055	28469.11	14 54S	37 25E	98.9	186.6	3.574	-20.30	46.0	S0409	.05410	7.2481	1.0	A
9056	28524.71	17 20S	36 52E	101.6	186.7	3.439	-21.00	43.3	S0409	.05410	7.0337	0.6	F
9057	28532.51	17 21S	36 54E	101.1	186.7	3.574	-19.25	43.3	S0409	.07190	7.0667	0.6	A
791 5001	32725.71	58 1N	33 2E	77.5	192.2	2.033	15.75	53.8	S0130	.03150	9.3745	0.8	F
5002	32731.31	58 1N	33 2E	77.6	192.1	1.810	16.45	53.8	S0130	.03150	9.3497	0.8	A
5003	32844.91	50 16N	30 21E	85.0	190.0	2.033	29.05	60.7	S0130	.02260	8.5335	2.8	A
5004	32861.51	49 16N	28 16E	76.2	189.9	2.170	-20.30	61.0	S0130	.02260	9.5476	2.8	A
5005	32881.91	47 52N	28 7E	73.4	189.5	2.385	-11.90	62.2	S0130	.02260	9.9104	2.8	A
5006	32923.91	44 24N	28 43E	91.5	189.0	2.170	35.35	65.4	S0130	.02260	7.9728	0.4	F
5007	32927.11	44 20N	28 44E	90.9	189.0	2.170	35.70	65.4	S0130	.02260	8.0882	0.4	V
9001	32572.11	69 24N	38 41E	76.6	197.7	1.332	-6.65	44.1	S0409	.07190	9.4333	1.0	F
9002	32577.71	68 24N	38 41E	76.4	197.4	1.332	-6.30	44.1	S0409	.07190	9.4828	0.8	A
9003	32705.31	59 56N	32 22E	78.1	192.7	1.687	-19.95	51.9	S0409	.07190	9.2931	0.6	A
9004	32717.71	58 52N	32 15E	74.1	192.4	1.810	-11.55	52.9	S0409	.07190	9.8868	0.4	V
9005	32725.71	58 1N	33 2E	77.5	192.2	2.033	15.75	53.8	S0409	.07190	9.3756	1.6	F
9006	32731.11	58 1N	33 2E	77.6	192.1	1.810	16.45	53.8	S0409	.07190	9.3508	1.8	A
9007	32737.31	57 26N	32 34E	74.9	192.0	2.033	11.90	54.3	S0409	.07190	9.7961	0.4	V
9008	32740.11	57 26N	32 34E	75.8	191.9	2.033	12.25	54.3	S0409	.07190	9.5487	0.4	A
9009	32762.51	56 22N	30 38E	79.2	191.6	1.687	-23.45	55.0	S0409	.07190	9.1199	1.2	F
9010	32760.11	56 11N	30 58E	74.9	191.5	2.033	-13.65	55.2	S0409	.07190	9.6972	0.4	A
9011	32768.31	55 17N	30 16E	78.4	191.3	1.810	-22.40	55.9	S0409	.07190	9.2106	0.8	F
9012	32773.91	55 17N	30 16E	78.0	191.2	2.033	-22.05	55.9	S0409	.07190	9.3178	0.8	A
9013	32779.91	54 28N	30 18E	74.8	191.1	2.033	-14.00	56.7	S0409	.07190	9.6724	0.8	F
9014	32785.31	54 28N	30 18E	74.5	191.0	2.033	-13.30	56.7	S0409	.07190	9.7466	0.4	A
9015	32789.91	53 57N	30 17E	72.7	190.9	2.033	-9.10	57.2	S0409	.07190	10.0847	0.4	V
9016	32793.11	53 56N	30 13E	73.3	190.8	2.033	-7.00	57.6	S0409	.07190	9.8868	0.8	F
9017	32794.31	53 56N	30 12E	73.1	190.8	2.170	-6.65	57.6	S0409	.07190	9.9198	0.8	A
9018	32815.11	52 6N	29 7E	77.8	190.5	2.033	-22.40	58.6	S0409	.07190	9.2931	0.4	F
9019	32820.71	52 6N	29 7E	77.3	190.4	2.170	-21.70	58.6	S0409	.07190	9.3920	0.4	A
9020	32833.91	50 56N	30 12E	79.6	190.2	2.170	21.70	60.3	S0409	.07190	9.1199	0.8	F
9021	32839.71	50 56N	30 12E	80.1	190.1	2.033	22.75	60.3	S0409	.07190	9.0375	0.8	A
9022	32890.71	47 6N	27 39E	74.6	189.4	2.385	-19.25	62.7	S0409	.07190	9.8291	0.4	V
9023	32896.51	46 53N	26 55E	86.0	189.3	2.170	-34.65	62.9	S0409	.05410	8.4025	0.8	F
9024	32900.71	46 53N	26 54E	85.7	189.3	2.170	-34.30	62.9	S0409	.05410	8.5097	0.4	A
9025	32916.51	45 26N	28 2E	73.7	189.1	2.385	9.10	64.3	S0409	.07190	9.4291	0.4	A
9026	32927.11	44 24N	28 43E	90.9	189.0	2.170	35.70	65.4	S0409	.05410	8.0892	0.4	V
9027	32930.31	44 20N	28 44E	92.4	189.0	1.810	36.40	65.4	S0409	.05410	7.8253	0.4	A
9028	32937.51	43 33N	27 49E	77.1	188.9	2.385	18.20	65.8	S0409	.07190	9.4250	0.4	F
9029	32940.31	43 33N	27 48E	76.3	188.9	2.385	18.55	65.8	S0409	.07190	9.6147	0.4	V
9030	32948.91	42 51N	26 36E	73.7	188.8	2.511	-14.70	65.9	S0409	.07190	9.5208	0.4	F
9031	32955.11	42 51N	26 36E	73.5	188.7	2.511	-14.00	65.9	S0409	.07190	9.5786	0.4	A
9032	32962.11	42 41N	26 20E	74.2	188.6	2.511	-17.15	66.4	S0409	.07190	9.7466	0.6	F
9033	32967.51	42 41N	26 20E	74.0	188.6	2.511	-16.45	66.5	S0409	.07190	9.8126	0.4	A
9034	33109.11	31 54N	23 55E	76.4	187.6	2.872	-20.30	71.7	S0409	.05410	9.4580	1.0	F
9035	33416.11	11 9N	20 17E	78.7	186.3	3.439	-5.60	67.6	S0409	.05410	9.1694	1.0	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
791 9036	33614.91	2 58S	16 57E	104.8	186.4	3.090	-37.45	56.2	S0409	.0541U	6.8358	1.0	F
9037	33625.51	3 10S	17 24E	90.8	186.4	3.574	-21.00	56.3	S0409	.0541U	7.9243	1.0	A
9038	33795.71	14 51S	15 5E	103.2	186.6	3.574	-27.30	45.9	S0409	.0541U	6.9430	1.0	A
9039	33900.91	22 26S	14 60E	104.2	186.9	2.872	15.05	39.6	S0409	.0541U	6.9347	1.0	V
792 9001	37922.31	65 44N	15 18E	76.8	195.6	1.475	9.80	46.7	S0409	.0719U	9.4363	0.6	A
9002	37940.91	64 32N	14 10E	75.6	194.9	1.687	5.25	47.8	S0409	.0719U	9.5900	0.6	A
9003	38010.71	59 47N	10 14E	76.8	192.7	1.687	-19.25	52.0	S0409	.0719U	9.5405	0.8	V
9004	38017.11	59 18N	10 26E	75.8	192.6	1.810	-9.80	52.5	S0409	.0967U	9.9280	0.8	V
9005	38137.71	50 52N	7 34E	73.2	190.2	2.385	5.25	59.9	S0409	.0719U	9.9115	0.6	F
9006	38142.91	50 52N	7 35E	73.3	190.1	2.170	6.30	59.9	S0409	.0719U	9.8951	0.6	A
9007	38155.51	49 59N	7 10E	73.1	190.0	2.385	5.60	60.9	S0409	.0719U	9.9280	0.6	F
9008	38160.71	49 59N	7 10E	73.2	189.9	2.385	6.30	60.9	S0409	.0719U	9.9083	0.6	A
9009	38212.51	45 48N	5 29E	72.9	189.2	2.511	-9.80	63.8	S0409	.0719U	9.9363	1.0	F
9010	38217.91	45 48N	5 30E	72.7	189.2	2.511	-8.75	63.8	S0409	.0719U	9.9775	0.8	A
9011	38249.51	43 6N	5 58E	84.9	188.8	2.385	29.05	66.3	S0409	.0409U	8.5757	0.6	F
9012	38252.51	43 6N	5 58E	84.4	188.8	2.170	29.75	66.3	S0409	.0409U	8.7159	0.6	V
9013	38343.51	36 49N	3 4E	73.8	188.0	2.733	-14.00	69.7	S0409	.0719U	9.8126	1.2	F
9014	38348.71	36 49N	3 4E	73.5	188.0	2.733	-12.95	69.7	S0409	.0719U	9.8703	1.2	A
9015	38737.11	10 7N	2 30W	85.8	186.5	3.439	-25.90	66.6	S0409	.0541U	8.4273	1.0	A
9016	38766.71	8 0N	2 45W	84.6	186.5	3.439	-22.05	65.2	S0409	.0541U	8.5427	1.0	A
9017	38775.11	7 29N	2 20W	80.5	186.5	3.439	0.00	65.2	S0409	.0541U	8.9385	1.0	A
9018	38781.91	6 57N	2 34W	80.8	186.5	3.439	-6.30	64.7	S0409	.0541U	8.9220	1.0	A
794 9001	49500.10	0 40S	48 31W	89.2	186.4	3.439	-23.45	56.4	S0409	.0541U	8.1654	1.0	V
9002	49506.50	1 20S	48 28W	87.7	186.4	3.574	-17.85	58.0	S0409	.0719U	8.1964	1.0	F
9003	49510.10	1 22S	48 29W	86.8	186.4	3.574	-17.85	57.9	S0409	.0719U	8.3860	0.6	V
9004	49513.30	1 22S	48 29W	87.7	186.4	3.574	-17.15	57.9	S0409	.0719U	8.1964	1.6	A
9005	49527.10	2 22S	48 12W	86.0	186.4	3.439	1.05	57.4	S0409	.0541U	8.3366	0.8	A
9006	49536.30	3 34S	47 34W	102.7	186.4	2.872	29.75	56.9	S0409	.0541U	7.0584	1.0	F
9007	49546.50	3 40S	48 20W	87.4	186.4	3.439	4.90	56.3	S0409	.0541U	8.1964	1.0	A
9008	49554.90	4 47S	48 8W	93.3	186.4	3.090	18.20	55.6	S0409	.0541U	7.7428	1.0	F
9009	49567.10	5 17S	49 9W	89.0	186.4	3.574	-17.15	54.6	S0409	.0541U	8.1799	0.8	V
9010	49570.70	5 19S	49 7W	89.6	186.4	3.574	-15.40	54.6	S0409	.0541U	8.0150	1.0	A
9011	49580.30	6 12S	49 13W	88.3	186.5	3.574	-13.65	53.9	S0409	.0541U	8.2294	1.0	V
9012	49589.30	6 40S	48 41W	91.1	186.5	3.211	10.50	53.8	S0409	.0541U	7.8500	0.8	A
9013	49598.30	7 10S	48 53W	90.3	186.5	3.211	7.00	53.2	S0409	.0541U	7.9243	1.0	A
9014	49612.30	8 20S	49 43W	91.3	186.5	3.574	-17.85	51.9	S0409	.0541U	7.9490	1.0	V
9015	49618.70	8 48S	49 60W	95.5	186.5	3.439	-24.50	51.4	S0409	.0541U	7.6192	1.0	V
9016	49639.50	10 05S	49 12W	95.7	186.5	3.090	15.40	50.4	S0409	.0541U	7.5285	1.0	F
9017	49644.10	10 09S	49 19W	93.2	186.5	3.090	12.25	50.3	S0409	.0541U	7.7841	1.0	V
9018	49655.30	11 02S	50 40W	102.7	186.5	3.439	-30.10	48.9	S0409	.0541U	6.9595	1.0	F
9019	49666.50	12 22S	50 3W	92.0	186.6	3.439	-4.55	48.5	S0409	.0541U	7.8006	1.0	F
9020	49675.30	13 1S	49 47W	94.7	186.6	3.211	9.45	48.1	S0409	.0541U	7.6027	1.2	F
9021	49680.50	13 03S	49 49W	94.7	186.6	3.211	8.40	48.2	S0409	.0541U	7.5367	1.0	A
9022	49687.10	13 10S	50 22W	93.5	186.6	3.439	-8.75	47.6	S0409	.0541U	7.6439	1.0	A
9023	49712.10	15 11S	51 10W	99.3	186.6	3.439	-24.15	45.7	S0409	.0541U	7.2563	1.0	V
9024	49717.50	15 06S	51 15W	100.4	186.7	3.439	-24.50	45.3	S0409	.0541U	7.2151	1.0	V
9025	49728.10	15 59S	51 34W	107.4	186.7	3.574	-30.80	44.8	S0409	.0541U	6.6874	1.0	A
9026	49745.90	17 45S	51 36W	101.9	186.7	3.439	-23.10	43.3	S0409	.0541U	7.0090	0.8	F
9027	49751.10	17 51S	51 34W	99.8	186.7	3.439	-21.00	43.3	S0409	.0541U	7.2563	0.8	V
9028	49755.10	17 51S	51 43W	103.7	186.7	3.439	-24.85	43.2	S0409	.0541U	6.9018	0.8	A
9029	49761.90	18 53S	51 15W	96.8	186.8	3.439	-4.90	42.5	S0409	.0719U	7.3965	1.0	F
9030	49768.10	19 6S	51 3W	96.9	186.8	3.211	4.20	42.5	S0409	.0719U	7.4625	1.0	V
9031	49778.50	19 26S	52 5W	106.5	186.8	3.574	-26.60	41.7	S0409	.0541U	6.7203	1.0	A
9032	49787.70	20 05S	52 22W	109.2	186.8	3.211	-28.70	40.6	S0409	.0541U	6.5389	1.0	F
9033	49794.90	21 6S	52 2W	101.3	186.9	3.439	-16.45	40.3	S0409	.0541U	7.0502	0.8	F
9034	49801.50	21 03S	51 49W	98.8	186.9	3.211	-6.30	40.0	S0409	.0719U	7.2398	1.0	F
9035	49806.50	21 06S	51 50W	99.3	186.9	3.211	-4.55	39.7	S0409	.0719U	7.2069	1.0	F
9036	49812.30	22 5S	51 45W	98.5	186.9	3.211	-0.70	39.6	S0409	.0719U	7.3305	0.8	V
9037	49818.90	22 14S	52 14W	102.0	186.9	3.439	-14.70	39.3	S0409	.0541U	6.9925	1.0	A
9038	49824.50	23 9S	52 12W	100.6	187.0	3.211	-8.75	38.5	S0409	.0719U	7.0997	1.2	F
9039	49831.10	23 8S	52 28W	103.5	187.0	3.439	-16.80	38.5	S0409	.0541U	6.8853	1.2	A
9040	49838.70	23 51S	52 20W	100.3	187.0	3.211	-8.40	37.9	S0409	.0719U	7.1986	1.0	V
9041	49840.30	23 58S	52 22W	100.3	187.0	3.211	-8.40	37.8	S0409	.0719U	7.1986	1.0	V
9042	49848.50	24 11S	53 2W	110.5	187.0	3.439	-26.25	37.3	S0409	.0541U	6.4565	1.2	A
9043	49868.10	25 32S	53 10W	108.6	187.1	3.439	-22.05	36.1	S0409	.0541U	6.5637	1.2	A
9044	49881.50	27 6S	52 38W	103.7	187.2	3.090	1.75	35.0	S0409	.0719U	6.8853	1.6	F
9045	49889.90	27 9S	52 2W	112.6	187.2	2.511	19.95	35.2	S0409	.0541U	6.2916	0.6	A
9046	49897.10	27 06S	52 17W	110.2	187.3	2.511	16.10	34.7	S0409	.0541U	6.4152	0.8	A
795 9001	54324.30	32 24N	64 40W	80.3	187.6	2.733	-29.05	71.3	S0409	.0541U	9.1282	1.0	V
9002	54527.90	18 32N	67 7W	79.1	186.8	3.211	-19.60	71.2	S0409	.0541U	9.1529	0.8	A
9003	54531.30	18 17N	67 8W	78.8	186.7	3.439	-18.90	71.2	S0409	.0541U	9.1859	0.8	A
9004	54620.10	12 11N	68 16W	81.5	186.6	3.439	-19.60	68.0	S0409	.0541U	8.8726	1.0	A
9005	54640.50	10 00N	67 60W	78.5	186.5	3.211	3.85	67.4	S0409	.0719U	9.3096	0.4	V
9006	54643.30	10 01N	68 0W	79.5	186.5	3.439	3.85	67.4	S0409	.0719U	9.8540	0.4	A
9007	54674.50	8 22N	68 29W	79.9	186.5	3.439	-1.05	65.8	S0409	.0541U	9.0127	0.8	A
9008	54682.70	7 47N	68 14W	83.9	186.5	3.090	14.00	65.7	S0409	.0541U	8.5592	0.6	A
9009	54806.90	1 10S	69 42W	89.4	186.4	3.211	15.40	58.6	S0409	.0541U	8.0892	1.0	F
9010	54977.30	12 05S	71 15W	108.8	186.6	2.733	29.05	48.5	S0409	.0541U	6.6214	1.0	F
9011	54992.50	13 06S	72 53W	95.7	186.5	3.574	-21.70	47.1	S0409	.0541U	7.5697	0.8	V
9012	54998.30	13 41S	73 21W	107.6	186.6	3.574	-34.65	46.8	S0409	.0309U	6.6626	1.0	A
796 9001	59474.90	42 54N	83 8W	74.9	188.7	2.511	13.65	66.5	S0409	.0719U	9.7054	3.6	F

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
796 9002	59482.10	42 27N	83 10W	75.1	188.7	2.511	14.35	66.6	S0409	.07190	9.6312	3.8	A
9003	59512.10	40 0N	82 54W	94.1	188.4	2.033	38.50	68.6	S0409	.05410	7.7923	3.0	V
797 9001	65049.49	24 4N	109 50W	73.4	187.0	3.211	-2.10	73.0	S0409	.07190	9.9858	1.0	V
9002	65063.69	23 50N	109 57W	74.3	187.0	3.211	-5.95	72.9	S0409	.07190	9.7384	0.8	A
801 9001	85591.48	71 0N	178 5W	81.2	200.4	1.332	14.35	41.6	S0409	.05410	8.9055	0.4	F
9002	85597.68	70 59N	179 33W	76.7	200.0	1.113	-3.50	41.6	S0409	.05410	9.5405	1.2	V
9003	639.88	27 42S	153 6E	112.8	187.2	2.511	18.55	34.9	S0409	.05410	6.2668	1.4	A
802 9001	4844.08	43 42N	144 40E	79.3	189.7	2.170	-25.55	61.4	S0409	.05410	9.1777	0.4	A
9002	4911.88	43 56N	144 11E	72.5	188.9	2.511	2.10	65.4	S0409	.07190	10.0023	1.0	A
9003	5557.48	0 54S	134 52E	85.5	186.4	3.574	-11.55	58.4	S0409	.05410	8.4190	0.6	F
9004	5566.08	1 27S	134 11E	97.6	186.4	3.211	-32.20	57.5	S0409	.05410	7.3470	1.2	F
9005	5586.68	2 42S	133 55E	101.0	186.4	3.439	-34.65	56.7	S0409	.05410	7.1491	0.6	A
9006	5597.68	3 30S	133 46E	100.2	186.4	3.211	-33.25	55.7	S0409	.05410	7.1409	0.4	F
9007	5601.08	3 57S	133 42E	100.7	186.4	3.211	-34.65	55.7	S0409	.05410	7.2151	0.8	V
9008	5721.88	12 10S	133 21E	93.4	186.6	3.211	5.95	48.7	S0409	.05410	7.7016	1.0	F
9009	5725.28	12 13S	133 20E	92.6	186.6	3.211	6.30	48.7	S0409	.05410	7.8336	0.8	V
9010	5731.68	12 19S	132 53E	91.9	186.6	3.439	-7.70	48.2	S0409	.07190	7.8913	0.6	V
9011	5735.08	12 23S	132 54E	93.1	186.6	3.439	-7.00	48.2	S0409	.05410	7.6891	0.6	A
803 9001	9950.28	61 50N	129 40E	77.4	193.8	1.810	11.90	50.2	S0409	.05410	9.3591	0.6	F
9002	9955.88	61 50N	129 39E	77.4	193.7	1.687	12.25	50.2	S0409	.05410	9.3591	0.6	A
9003	10165.28	47 29N	122 55E	72.6	189.5	2.511	-4.55	62.6	S0409	.07190	9.9775	0.6	F
9004	10170.48	47 29N	122 55E	72.5	189.5	2.511	-3.85	62.6	S0409	.07190	10.0023	0.6	A
9005	10184.48	46 2N	122 28E	72.4	189.3	2.511	-5.25	63.7	S0409	.07190	10.0023	0.4	F
9006	10191.68	46 2N	122 28E	72.4	189.2	2.511	-4.20	63.7	S0409	.07190	10.0270	0.4	A
9007	10199.88	45 14N	122 49E	74.8	189.1	2.511	14.35	64.6	S0409	.07190	9.8208	0.6	V
9008	10220.88	43 50N	122 15E	74.3	188.9	2.733	10.50	66.7	S0409	.05410	9.7796	1.0	F
9009	10225.88	43 39N	122 17E	74.9	188.8	2.511	12.60	65.7	S0409	.07190	9.6724	0.6	A
9010	10253.08	41 50N	120 51E	74.8	188.6	2.511	-17.85	66.8	S0409	.07190	9.6559	0.4	F
9011	10258.48	41 30N	120 31E	80.0	188.5	2.511	-28.00	66.6	S0409	.05410	9.0969	0.4	A
9012	10276.68	39 42N	121 46E	84.6	188.4	2.511	28.35	68.7	S0409	.04090	8.5942	1.0	F
9013	10282.88	39 42N	121 46E	85.2	188.3	2.170	29.40	68.7	S0409	.04090	8.4685	0.8	A
9014	10293.08	38 49N	121 18E	78.7	188.2	2.511	22.05	69.1	S0409	.05410	9.3343	0.4	V
9015	10296.08	38 40N	121 18E	79.9	188.2	2.511	22.40	69.2	S0409	.05410	9.0622	0.4	A
9016	10307.88	37 43N	120 14E	72.5	188.1	2.872	-6.65	69.3	S0409	.07190	9.9940	0.4	F
9017	10313.08	37 43N	120 14E	72.5	188.1	2.872	-5.95	69.4	S0409	.07190	10.0105	0.4	A
9018	10389.68	32 5N	116 48E	73.9	187.6	2.872	-12.95	71.8	S0409	.07190	9.7796	1.6	F
9019	10395.88	32 2N	116 47E	73.9	187.5	3.090	-12.60	71.8	S0409	.07190	9.8208	0.6	A
9020	10409.48	31 2N	115 9E	74.8	187.5	2.872	10.85	72.6	S0409	.07190	9.6724	0.6	A
9021	10435.48	28 53N	116 36E	74.1	187.3	3.090	7.35	73.0	S0409	.07190	9.7961	0.4	F
9022	10445.08	28 29N	117 49E	76.6	187.3	2.872	-21.70	72.5	S0409	.05410	9.5570	0.4	U
9023	10447.88	28 29N	117 48E	77.5	187.3	3.090	-21.70	72.5	S0409	.05410	9.3756	0.4	A
9024	10458.28	27 45N	117 60E	73.8	187.2	3.211	-8.40	72.9	S0409	.07190	9.8208	0.6	A
9025	10465.68	26 47N	118 16E	75.3	187.2	3.090	9.45	73.3	S0409	.07190	9.6394	0.4	F
9026	10471.68	26 20N	117 49E	73.7	187.2	3.211	-5.95	73.0	S0409	.07190	9.8291	0.6	F
9027	10476.88	26 20N	117 49E	73.7	187.1	3.211	-5.25	73.0	S0409	.07190	9.8208	0.6	A
9028	10483.68	25 50N	117 54E	73.8	187.1	3.090	2.80	73.2	S0409	.07190	9.7961	0.4	A
9029	10488.88	25 29N	118 8E	77.3	187.1	2.872	15.75	73.5	S0409	.05410	9.3508	0.4	A
9030	10497.88	24 53N	117 40E	74.4	187.1	3.211	2.80	73.2	S0409	.05410	9.7466	0.6	F
9031	10503.28	24 53N	117 40E	74.7	187.0	3.211	3.85	73.2	S0409	.05410	9.6807	0.6	A
9032	10509.28	23 59N	117 29E	73.2	187.0	3.211	1.05	73.1	S0409	.07190	10.0105	0.6	V
9033	10516.48	23 43N	116 54E	78.2	187.0	3.211	-21.00	72.6	S0409	.05410	9.2684	0.8	A
9034	10521.68	23 24N	116 44E	80.5	187.0	3.211	-24.85	72.4	S0409	.05410	9.0375	0.6	A
9035	10556.48	20 40N	116 43E	74.4	186.9	3.211	-5.25	72.3	S0409	.07190	9.8621	1.6	V
9036	10961.48	2 40S	111 41E	103.2	186.4	3.439	-36.40	56.4	S0409	.04090	6.9426	1.0	A
9037	10969.08	6 42S	111 20E	95.8	186.5	3.439	-25.90	53.2	S0409	.05410	7.4790	0.4	F
9038	10958.88	7 10S	111 33E	90.7	186.5	3.439	-15.40	52.9	S0409	.05410	7.9160	0.8	F
9039	10964.88	7 30S	111 26E	91.4	186.5	3.439	-16.80	52.6	S0409	.05410	7.8500	1.0	F
9040	10968.28	7 30S	111 26E	90.3	186.5	3.439	-16.10	52.6	S0409	.05410	8.0480	0.8	V
804 5001	15620.87	37 41N	97 23E	80.0	188.1	2.511	-30.45	69.0	S0130	.01710	9.0282	0.8	F
5002	15626.67	37 41N	97 23E	79.7	188.0	2.733	-30.10	69.1	S0130	.01710	9.1436	0.6	A
5003	15893.67	18 42N	94 59E	86.4	186.3	2.872	25.90	72.2	S0130	.02260	8.4263	0.6	F
5004	15899.87	18 42N	94 59E	87.2	186.3	2.733	26.60	72.3	S0130	.02260	8.2696	0.6	A
9001	15380.67	53 50N	102 37E	72.9	190.3	2.170	-9.80	57.7	S0409	.07190	10.0600	1.0	V
9002	15402.27	52 24N	104 13E	95.2	190.5	1.810	38.50	59.6	S0409	.04090	7.7161	1.0	V
9003	15560.67	41 41N	99 58E	78.6	188.6	2.385	22.75	67.3	S0409	.07190	9.3426	0.4	V
9004	15567.47	41 41N	99 58E	79.7	188.6	2.385	23.10	67.3	S0409	.05410	9.0705	0.4	A
9005	15574.27	40 55N	99 28E	75.6	188.5	2.733	15.75	67.9	S0409	.07190	9.6064	0.4	F
9006	15577.07	40 55N	99 28E	75.0	188.4	2.511	16.45	67.9	S0409	.07190	9.7961	0.4	V
9007	15587.07	39 47N	98 37E	71.8	188.4	2.733	-7.00	68.1	S0409	.05410	10.0350	0.4	F
9008	15591.47	39 41N	98 21E	72.3	188.3	2.733	-15.05	68.0	S0409	.05410	10.1507	1.0	V
9009	15620.87	37 41N	97 23E	80.0	188.1	2.511	-30.45	69.0	S0409	.05410	9.0282	0.6	F
9010	15626.67	37 41N	97 23E	79.7	188.0	2.733	-30.10	69.1	S0409	.05410	9.1447	1.0	A
805 5001	20664.47	55 20N	82 56E	87.2	191.4	2.033	30.10	56.3	S0130	.02260	8.3356	0.6	F
5002	20670.87	55 24N	82 56E	88.0	191.3	1.810	31.15	56.3	S0130	.02260	8.2449	0.6	A
9001	20455.27	69 37N	90 21E	77.3	198.8	1.113	-4.90	43.0	S0409	.07190	9.3343	0.8	F

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
805 9002	20460.67	69 37N	90 22E	77.1	198.4	1.113	-4.55	43.0	S0409	.07190	9.3038	1.0	A
9003	20739.07	50 34N	79 12E	75.4	190.1	2.170	-17.50	60.0	S0409	.05410	9.5570	0.6	F
9004	20744.47	50 34N	79 13E	75.3	190.0	2.170	-16.80	60.0	S0409	.05410	9.6394	0.6	A
9005	20749.27	50 4N	78 53E	76.4	190.0	2.170	-21.70	60.4	S0409	.07190	9.5900	0.4	V
9006	20752.07	50 4N	78 52E	77.2	189.9	2.170	-21.70	60.4	S0409	.07190	9.4003	0.4	A
9007	20806.47	46 11N	79 18E	82.9	189.2	2.170	26.95	64.0	S0409	.05410	8.7324	0.6	A
9008	20816.87	45 0N	78 30E	74.6	189.1	2.511	12.25	64.6	S0409	.05410	9.7384	0.6	F
9009	20822.27	45 0N	78 29E	74.8	189.1	2.511	12.95	64.6	S0409	.05410	9.6307	0.6	A
9010	20829.07	44 56N	77 47E	71.2	189.0	2.511	-5.25	64.9	S0409	.07190	10.3074	0.6	V
9011	20836.27	43 56N	77 1E	78.0	188.9	2.385	-24.50	65.1	S0409	.05410	9.2601	0.6	F
9012	20841.87	43 35N	77 1E	77.6	188.9	2.511	-23.60	65.1	S0409	.05410	9.3591	0.6	A
9013	20846.47	43 24N	76 59E	75.7	188.8	2.511	-21.35	65.5	S0409	.07190	9.6807	1.2	V
9014	20850.07	43 21N	76 58E	76.4	188.8	2.511	-21.00	65.5	S0409	.07190	9.4992	0.4	A
9015	20854.07	43 4N	76 57E	73.7	188.7	2.511	-19.25	65.8	S0409	.05410	9.8538	0.6	A
9016	20859.47	42 40N	77 5E	72.3	188.7	2.733	-11.20	66.1	S0409	.07190	10.0435	0.6	A
9017	20900.07	39 42N	75 56E	77.3	186.6	2.511	-24.15	68.0	S0409	.05410	9.3426	0.6	F
9018	20905.07	39 22N	76 3E	73.8	188.6	2.733	-18.55	68.2	S0409	.07190	9.9445	0.4	V
9019	20977.47	34 15N	74 31E	81.6	187.8	2.511	-30.45	70.6	S0409	.04090	8.8313	0.6	F
9020	20983.27	34 13N	74 32E	80.7	187.7	2.733	-29.40	70.7	S0409	.04090	9.0127	0.6	A
9021	20998.87	32 42N	74 53E	72.8	187.6	3.090	-5.95	71.7	S0409	.05410	9.9610	0.6	F
9022	21004.07	32 42N	74 53E	72.7	187.6	3.090	-4.90	71.8	S0409	.05410	9.3618	1.0	A
9023	21015.07	31 36N	74 27E	74.1	187.5	2.872	-13.30	72.0	S0409	.05410	9.7531	0.6	F
9024	21020.47	31 35N	74 27E	73.9	187.5	3.090	-12.60	72.0	S0409	.05410	9.8126	0.6	A
9025	21032.47	30 40N	73 51E	79.8	187.4	2.733	-26.25	72.0	S0409	.04090	9.0457	0.6	F
9026	21097.07	26 21N	73 3E	79.9	187.1	3.090	-25.20	72.6	S0409	.05410	9.0869	0.6	A
9027	21147.27	22 40N	73 9E	76.5	186.9	3.211	9.10	73.0	S0409	.05410	9.4910	1.0	F
9028	21152.87	22 24N	73 9E	76.9	186.9	3.090	10.15	73.0	S0409	.05410	9.3439	0.6	A
9029	21195.47	19 2N	72 49E	83.1	186.8	3.090	21.00	72.3	S0409	.05410	8.7489	0.6	F
9030	21198.47	19 2N	72 49E	82.5	186.8	2.872	21.70	72.3	S0409	.05410	8.8308	1.0	V
9031	21202.07	18 50N	72 49E	83.8	186.8	2.872	22.05	72.3	S0409	.05410	8.6004	0.4	A
806 5001	25935.47	58 0N	60 23E	74.4	192.2	1.810	-8.05	53.6	S0130	.03150	9.7207	0.6	F
5002	25940.87	58 0N	60 22E	74.4	192.1	2.033	-7.70	53.6	S0130	.03150	9.7702	0.6	A
9001	25886.47	61 16N	63 10E	79.2	193.5	1.810	17.15	50.9	S0409	.05410	9.1612	0.6	F
9002	25892.07	61 16N	63 10E	79.3	193.4	1.687	17.85	50.9	S0409	.05410	9.1262	1.0	A
9003	25935.47	58 0N	60 22E	74.5	192.2	1.810	-8.05	53.6	S0409	.07190	9.7219	0.4	F
9004	25940.67	58 0N	60 23E	74.3	192.1	2.033	-7.70	53.6	S0409	.07190	9.7714	1.0	A
9005	25944.47	57 42N	60 11E	73.3	192.0	1.810	-7.70	54.0	S0409	.05410	9.9943	0.4	V
9006	25952.27	56 54N	60 38E	76.1	191.8	2.033	11.90	54.9	S0409	.05410	9.5322	1.0	F
9007	25957.87	56 35N	60 38E	76.2	191.7	2.033	12.60	54.9	S0409	.05410	9.5075	0.6	A
9008	25963.27	56 17N	60 38E	79.5	191.6	2.033	19.95	55.6	S0409	.07190	9.1282	0.6	F
9009	25968.87	56 1N	60 39E	79.9	191.5	1.810	21.00	55.6	S0409	.07190	9.0622	0.8	A
9010	25977.87	55 50N	59 56E	76.1	191.5	2.170	14.30	56.4	S0409	.07190	9.5405	0.6	F
9011	25983.27	55 50N	59 56E	76.2	191.2	2.033	14.00	56.4	S0409	.07190	9.4992	0.6	A
9012	26032.87	51 47N	58 48E	78.5	190.5	2.033	19.60	59.4	S0409	.07190	9.2189	0.6	A
9013	26036.87	51 39N	58 37E	77.2	190.3	2.033	18.90	59.8	S0409	.07190	9.5075	0.6	V
9014	26039.87	51 26N	58 37E	78.3	190.2	2.033	19.25	59.8	S0409	.07190	9.2436	0.4	A
9015	26049.87	50 21N	57 24E	73.0	190.1	2.385	-7.00	60.3	S0409	.07190	9.9199	0.4	F
9016	26053.67	50 17N	57 15E	72.6	190.0	2.178	-10.15	60.3	S0409	.07190	10.0930	0.4	V
9017	26056.47	50 16N	57 13E	73.6	190.0	2.385	-10.85	60.3	S0409	.07190	9.8621	0.6	A
9018	26077.07	48 44N	58 5E	84.6	189.7	2.033	28.70	62.0	S0409	.05410	8.5345	0.6	A
9019	26208.47	39 26N	54 27E	72.4	188.5	2.733	-1.40	68.4	S0409	.07190	10.0187	0.6	F
9020	26213.67	39 20N	54 27E	72.4	188.5	2.733	-0.70	68.4	S0409	.07190	10.0823	0.6	A
9021	26247.87	36 47N	53 32E	73.4	188.0	2.733	-11.55	69.8	S0409	.04090	9.8621	0.6	F
9022	26253.27	36 36N	53 32E	73.3	188.0	2.872	-10.85	69.8	S0409	.04090	9.9033	0.4	A
9023	26268.87	35 56N	52 47E	80.1	187.9	2.733	-24.05	70.0	S0409	.05410	9.0787	0.6	A
9024	26313.47	32 42N	52 7E	80.4	187.6	2.733	-28.70	71.3	S0409	.05410	9.0575	0.6	A
9025	26423.07	25 1N	51 31E	75.9	187.1	3.090	8.75	73.3	S0409	.05410	9.5157	0.8	A
9026	26682.47	6 49N	47 28E	85.3	186.5	3.439	-22.40	64.3	S0409	.04090	8.4355	0.8	F
9027	26685.67	6 49N	47 26E	85.0	186.5	3.439	-23.10	64.2	S0409	.05410	8.5922	0.6	V
9028	26688.67	6 49N	47 25E	85.0	186.5	3.439	-22.75	64.3	S0409	.05410	8.4108	0.8	A
9029	26960.47	12 0S	44 26E	92.2	186.6	3.439	-10.50	48.6	S0409	.05410	7.8665	0.8	V
9030	26972.67	12 47S	45 17E	104.6	186.6	2.511	24.15	48.5	S0409	.05410	6.8028	0.8	A
807 5001	31170.26	62 55N	41 47E	77.3	194.3	1.810	11.90	49.4	S0130	.03150	9.3745	1.0	F
5002	31175.86	62 55N	41 47E	77.4	194.1	1.687	12.60	49.4	S0130	.03150	9.3580	1.0	A
5003	31242.86	58 0N	38 49E	74.6	192.2	2.033	5.60	53.8	S0130	.03150	9.7207	0.6	F
5004	31248.26	58 0N	38 49E	74.7	192.1	2.033	6.30	53.8	S0130	.03150	9.7125	0.6	A
5005	31266.46	56 29N	38 6E	74.3	191.7	2.033	5.95	55.2	S0130	.03150	9.7455	0.6	F
5006	31271.86	56 29N	38 5E	74.4	191.6	2.033	6.30	55.2	S0130	.03150	9.7455	0.6	A
5007	31278.46	55 57N	38 9E	77.7	191.4	2.033	16.80	56.0	S0130	.02260	9.3332	1.2	F
5008	31284.06	55 36N	38 10E	78.1	191.3	2.033	17.50	56.1	S0130	.02260	9.2755	1.2	A
5009	31331.46	51 53N	37 26E	90.7	190.5	2.033	33.95	59.4	S0130	.02260	8.0388	2.6	F
5010	31337.86	51 54N	37 16E	88.4	190.4	1.810	32.20	59.4	S0130	.02260	8.1789	2.6	A
5011	31353.06	50 36N	35 45E	73.2	190.2	2.385	4.20	60.2	S0130	.02260	9.8939	0.8	F
5012	31358.26	50 36N	35 45E	73.4	190.1	2.385	4.90	60.2	S0130	.02260	9.8774	1.0	A
5013	31372.46	49 46N	34 22E	80.0	189.9	2.170	-26.60	60.6	S0130	.02260	9.1024	2.6	A
5014	31390.46	48 20N	34 58E	73.0	139.6	2.385	3.50	62.0	S0130	.02260	9.9516	2.6	A
5015	31408.46	47 10N	34 17E	72.7	189.4	2.511	-6.30	62.8	S0130	.02260	10.0011	2.6	A
9001	31111.06	67 0N	44 19E	75.4	196.6	1.475	3.15	45.5	S0409	.07190	9.7054	0.4	V
9002	31113.86	67 0N	44 17E	76.2	196.5	1.475	2.80	45.4	S0409	.05410	9.4492	0.4	A
9003	31150.86	64 20N	40 44E	82.7	195.0	1.332	-25.20	47.8	S0409	.05410	8.7241	0.6	F
9004	31153.86	64 24N	40 46E	81.2	194.9	1.332	-24.50	47.9	S0409	.05410	9.0127	1.0	V
9005	31157.26	64 22N	40 45E	81.9	194.7	1.332	-24.15	47.9	S0409	.05410	8.8561	0.6	A

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
807 9006	31170.26	62 55N	41 46E	77.3	194.3	1.810	11.90	49.4	S0409	.07190	9.3756	0.8	F
9007	31175.86	62 50N	41 47E	77.4	194.1	1.687	12.60	49.4	S0409	.07190	9.3591	0.6	A
9008	31192.66	61 40N	40 24E	73.8	193.6	1.810	-0.35	50.5	S0409	.07190	9.9280	0.4	V
9009	31195.26	61 40N	40 25E	74.6	193.5	1.810	0.00	50.5	S0409	.07190	9.7136	0.4	A
9010	31209.26	59 0N	38 39E	74.9	192.6	1.810	-10.15	52.7	S0409	.07190	9.6477	0.8	F
9011	31233.66	59 0N	38 38E	74.8	192.4	1.810	-9.80	52.7	S0409	.07190	9.6972	0.6	A
9012	31258.66	57 14N	37 55E	73.1	191.9	2.033	-6.65	54.4	S0409	.07190	10.0187	0.4	V
9013	31261.26	57 10N	37 55E	73.9	191.8	2.033	-6.30	54.4	S0409	.07190	9.8126	0.4	A
9014	31266.46	56 40N	38 5E	74.4	191.7	2.033	5.95	55.2	S0409	.07190	9.7466	0.6	F
9015	31271.86	56 40N	38 5E	74.3	191.6	2.033	6.30	55.2	S0409	.07190	9.7466	0.4	A
9016	31278.46	56 36N	38 9E	77.8	191.4	2.033	16.80	56.1	S0409	.07190	9.3343	1.0	F
9017	31284.06	56 36N	38 9E	78.0	191.3	2.033	17.50	56.1	S0409	.07190	9.2766	1.0	A
9018	31292.66	56 34N	37 12E	72.6	191.2	2.033	0.35	56.5	S0409	.07190	10.1012	0.6	V
9019	31295.46	56 34N	37 11E	73.4	191.1	2.033	0.70	56.6	S0409	.07190	9.8703	0.6	A
9020	31300.66	56 30N	36 42E	73.8	191.0	2.170	-9.45	56.7	S0409	.07190	9.8208	0.4	A
9021	31308.06	53 30N	35 48E	79.4	190.9	1.810	-25.90	57.1	S0409	.07190	9.2106	0.6	V
9022	31310.86	53 30N	35 47E	80.4	190.8	2.033	-26.25	57.1	S0409	.07190	9.0292	0.6	A
9023	31319.06	52 59N	35 49E	75.9	190.7	2.033	-17.50	58.0	S0409	.07190	9.5240	0.6	F
9024	31353.06	50 36N	35 45E	73.3	190.2	2.385	4.20	60.2	S0409	.07190	9.8951	0.8	F
9025	31358.26	50 36N	35 45E	73.3	190.1	2.385	4.90	60.2	S0409	.07190	9.8786	0.6	A
9026	31364.66	49 50N	35 10E	72.8	190.0	2.385	-5.25	60.8	S0409	.07190	9.9445	0.4	F
9027	31384.26	48 20N	34 59E	72.9	189.7	2.385	2.80	61.9	S0409	.07190	9.9528	1.0	F
9028	31389.66	48 20N	34 59E	72.9	189.6	2.385	3.50	62.0	S0409	.07190	9.9528	0.6	A
9029	31398.06	47 56N	34 36E	72.6	189.5	2.385	-0.35	62.6	S0409	.07190	9.9858	0.8	F
9030	31403.26	47 56N	34 36E	72.6	189.5	2.385	0.70	62.7	S0409	.07190	9.9954	0.4	A
9031	31426.06	45 56N	34 16E	73.7	189.2	2.511	8.05	64.2	S0409	.07190	9.8535	0.4	F
9032	31428.66	45 56N	34 16E	72.9	189.2	2.511	8.40	64.3	S0409	.07190	10.0682	0.6	V
9033	31432.66	45 50N	34 7E	72.4	189.1	2.511	5.95	64.4	S0409	.09670	10.1424	0.4	V
9034	31439.46	44 44N	33 35E	72.5	189.1	2.511	-6.30	64.7	S0409	.07190	9.9858	1.8	F
9035	31444.66	44 40N	33 36E	72.4	189.0	2.511	-5.25	64.7	S0409	.07190	10.0105	1.6	A
9036	31510.46	40 9N	33 0E	76.2	188.4	2.511	16.80	68.2	S0409	.04030	9.4992	0.6	A
9037	31541.66	37 50N	32 34E	78.1	188.1	2.511	20.30	69.6	S0409	.05410	9.2601	0.6	A
9038	31636.26	31 14N	29 53E	74.0	187.5	2.872	-28.10	71.9	S0409	.07190	9.2514	1.2	F
9039	31663.26	30 4N	31 18E	93.5	187.4	2.170	36.75	73.5	S0409	.05410	7.8583	1.0	V
9040	31660.66	29 55N	30 54E	84.9	187.4	2.385	28.70	73.4	S0409	.03090	8.6634	0.8	V
9041	31663.66	29 50N	30 54E	86.2	187.4	2.385	29.05	73.4	S0409	.03090	8.3613	1.0	A
9042	32095.06	0 0S	25 21E	96.4	186.4	2.733	25.90	59.6	S0409	.05410	7.4048	1.2	A
9043	32144.46	3 42S	23 27E	93.5	186.4	3.574	-25.55	56.1	S0409	.05410	7.7099	1.0	A
9044	32523.66	29 11S	18 45E	109.3	187.4	3.211	-16.80	42.4	S0409	.07190	6.4977	1.2	A
9045	32571.26	32 58S	18 1E	111.7	187.6	3.090	-14.70	29.1	S0409	.07190	6.3575	1.0	F
9046	32575.86	32 59S	17 57E	111.2	187.6	3.090	-15.75	29.0	S0409	.07190	6.4647	1.0	V
9047	32583.06	33 0S	18 31E	110.7	187.7	2.872	3.50	28.5	S0409	.07190	6.4317	1.4	F
9048	32588.06	33 0S	18 27E	109.5	187.7	2.872	2.45	28.5	S0409	.07190	6.5554	0.6	V
9049	32592.06	33 0S	18 27E	111.3	187.7	2.872	3.15	28.5	S0409	.07190	6.5493	0.8	A
9050	32595.46	34 7S	18 27E	111.7	187.8	2.872	4.20	28.3	S0409	.07190	6.3245	1.2	A
808 5001	36625.26	53 4N	13 23E	80.2	190.7	1.810	-25.90	57.9	S0130	.02260	8.9952	0.4	F
5002	36630.86	53 4N	13 23E	79.9	190.6	2.033	-25.55	57.9	S0130	.02260	9.1106	0.6	A
5003	36649.06	51 20N	13 51E	73.1	190.3	2.385	3.15	59.6	S0130	.02260	9.9021	1.0	F
5004	36654.26	51 20N	13 52E	73.3	190.2	2.170	4.20	59.6	S0130	.02260	9.8959	1.0	A
5005	36660.66	50 31N	13 51E	74.6	190.1	2.385	11.20	60.4	S0130	.02260	9.7307	0.4	F
5006	36666.06	50 31N	13 50E	74.8	190.1	2.170	11.90	60.4	S0130	.02260	9.6078	0.4	A
9001	36534.66	59 23N	17 40E	80.1	192.6	1.810	20.30	52.7	S0409	.07190	9.0457	0.6	A
9002	36649.06	51 20N	13 51E	73.2	190.3	2.385	3.15	59.6	S0409	.07190	9.9063	1.0	F
9003	36654.26	51 20N	13 52E	73.3	190.2	2.170	4.20	59.6	S0409	.07190	9.8951	1.0	A
9004	36660.46	50 31N	13 51E	74.7	190.1	2.385	11.20	60.4	S0409	.07190	9.7219	0.6	F
9005	36665.86	50 31N	13 50E	74.8	190.1	2.170	11.90	60.4	S0409	.07190	9.6889	0.6	A
9006	36715.66	47 17N	11 23E	81.7	189.4	2.170	-29.75	62.5	S0409	.04090	8.9139	0.6	A
9007	36735.06	45 30N	11 37E	72.9	189.2	2.511	-9.10	64.1	S0409	.04090	9.9363	0.6	F
9008	36740.26	45 30N	11 37E	72.7	189.1	2.511	-8.05	64.1	S0409	.04090	9.9775	0.6	A
9009	37287.46	7 20N	3 50E	81.0	186.3	3.439	1.85	65.2	S0409	.05410	8.9303	1.0	F
9010	37292.26	7 20N	3 55E	80.9	186.5	3.439	2.10	65.2	S0409	.05410	8.8973	1.6	A
809 9001	42470.06	16 0N	16 27W	78.2	186.7	3.211	10.50	70.8	S0409	.05410	9.3591	1.0	V
9002	42485.66	14 51N	16 57W	77.2	186.6	3.439	-1.75	69.9	S0409	.05410	9.3756	1.0	F
9003	42493.46	14 46N	17 29W	82.0	186.6	3.439	-22.40	69.4	S0409	.05410	8.8313	0.6	A
9004	42512.06	13 42N	16 39W	86.3	186.6	2.872	22.40	69.5	S0409	.05410	8.3366	1.0	A
810 9001	48050.06	3 54S	41 44W	89.3	186.4	3.090	14.70	57.1	S0409	.05410	8.1387	1.4	V
9002	48112.46	6 45S	43 35W	98.0	186.5	3.574	-28.35	53.0	S0409	.05410	7.3305	1.0	A
9003	48159.26	9 39S	43 59W	96.2	186.5	3.574	-22.75	50.3	S0409	.05410	7.4542	1.0	A
9004	48222.66	14 24S	44 21W	94.1	186.6	3.439	-7.70	46.6	S0409	.05410	7.5944	0.8	A
9005	48256.26	17 10S	44 39W	95.6	186.7	3.439	-1.05	44.1	S0409	.07190	7.4955	0.8	F
9006	48260.06	16 59S	44 47W	96.0	186.7	3.439	-6.30	44.2	S0409	.05410	7.4577	1.0	A
9007	48289.26	19 10S	45 1W	96.2	186.8	3.211	-0.35	42.2	S0409	.07190	7.5120	1.0	V
9008	48299.46	20 9S	44 52W	100.4	186.8	3.090	10.15	41.5	S0409	.05410	7.1409	0.8	F
9009	48326.46	21 24S	45 56W	101.7	186.9	3.439	-16.10	40.0	S0409	.05410	7.0090	1.0	A
9010	48331.46	22 18S	45 55W	100.3	186.9	3.439	-11.20	39.2	S0409	.07190	7.1162	0.8	F
9011	48334.66	22 14S	45 57W	100.0	186.9	3.439	-11.90	39.2	S0409	.07190	7.2234	0.6	V
9012	48344.06	23 12S	45 51W	100.3	187.0	3.211	-3.15	38.5	S0409	.07190	7.1324	1.0	F
9013	48348.46	23 12S	45 51W	99.3	187.0	3.211	-2.80	38.5	S0409	.07190	7.2646	1.0	V
9014	48352.26	23 12S	45 52W	100.8	187.0	3.211	-2.80	38.5	S0409	.07190	7.0584	0.6	A
9015	48359.26	23 24S	46 17W	101.5	187.0	3.211	-11.90	37.7	S0409	.07190	7.1079	1.4	V
9016	48363.06	23 24S	46 18W	103.0	187.0	3.439	-12.25	37.7	S0409	.07190	6.9100	1.8	A

Handle via
BYEMAN Channels
BYE-8915/84

Approved for Release: 2021/01/22 C05132886

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
811 9001	53091.26	15 34N	61 18W	78.0	186.6	3.439	-12.60	70.0	S0409	.05410	9.2766	0.8	A
9002	53101.26	14 50N	60 40W	77.6	186.6	3.211	7.35	69.9	S0409	.05410	9.4250	1.4	V
9003	53122.26	13 10N	61 12W	78.9	186.6	3.211	9.80	69.1	S0409	.05410	9.2684	1.0	V
9004	53155.26	10 41N	61 30W	82.4	186.5	3.211	14.70	67.6	S0409	.05410	8.7694	0.6	F
9005	53159.26	10 41N	61 31W	82.1	186.5	3.211	15.05	67.7	S0409	.05410	8.9055	0.4	V
9006	53161.46	10 10N	61 37W	82.2	186.5	3.211	12.95	67.3	S0409	.05410	8.8231	0.6	F
9007	53165.46	10 11N	61 41W	80.9	186.5	3.211	11.55	67.3	S0409	.05410	9.0457	0.6	V
9008	53567.86	17 17S	67 44W	106.0	186.7	3.211	-31.50	43.5	S0409	.04090	6.8193	1.0	V
9009	53586.06	18 26S	66 33W	99.8	186.8	2.872	14.70	43.1	S0409	.05410	7.1244	1.0	A
9010	53804.66	33 24S	70 36W	110.9	187.7	3.090	-16.45	28.6	S0409	.07190	6.4750	0.4	V
9011	53808.86	33 24S	70 35W	112.2	187.7	3.090	-15.75	28.6	S0409	.07190	6.3163	0.4	A
9012	53822.66	35 4S	69 32W	118.2	187.8	2.385	19.25	27.6	S0409	.04090	6.0277	1.0	F
9013	53837.26	35 27S	69 35W	120.7	187.9	2.170	21.00	27.2	S0409	.04090	5.8298	1.0	A
9014	53857.86	37 20S	70 12W	118.2	188.0	2.511	15.75	25.3	S0409	.04090	6.0194	1.2	F
9015	53866.06	37 30S	70 60W	112.2	188.1	2.733	-0.35	24.6	S0409	.07190	6.3328	1.4	F
9016	53878.66	38 0S	71 26W	114.0	188.2	2.872	-8.05	24.2	S0409	.05410	6.1926	1.0	A
9017	53890.06	38 30S	71 20W	113.9	188.3	2.733	-1.40	23.6	S0409	.05410	6.1926	1.0	A
9018	53904.06	39 4S	71 56W	115.9	188.4	2.872	-9.80	22.6	S0409	.07190	6.0854	1.0	A
9019	53914.86	41 9S	71 51W	115.2	188.5	2.733	-1.40	21.4	S0409	.07190	6.1514	1.0	F
9020	53923.26	41 9S	71 52W	115.9	188.5	2.733	-0.70	21.4	S0409	.07190	6.0772	1.0	A
812 5001	58202.26	28 20N	80 34W	73.7	187.3	3.090	2.45	73.0	S0130	.02260	9.8444	0.6	F
5002	58207.46	28 20N	80 34W	74.0	187.3	3.090	3.15	73.0	S0130	.02260	9.7350	0.6	A
5003	58279.86	23 10N	82 17W	80.4	187.0	3.090	-24.85	72.4	S0312	.03150	8.9352	0.4	F
5004	58281.26	23 4N	82 19W	80.4	187.0	3.090	-24.85	72.4	S0312	.03150	8.9869	0.6	F
5005	58282.46	22 59N	82 19W	80.4	187.0	3.090	-24.85	72.3	S0312	.03150	8.9952	0.6	F
5006	58287.06	23 4N	82 19W	80.3	187.0	3.090	-24.15	72.4	S0312	.03150	9.0611	0.6	A
5007	58292.06	22 40N	82 34W	84.9	186.9	3.090	-30.80	72.1	S0312	.03150	8.5329	0.8	A
5008	58443.06	12 12N	83 3W	89.9	186.6	2.733	26.25	68.9	S0312	.03150	8.8058	0.8	A
9001	58045.86	38 59N	77 0W	95.1	188.3	2.033	58.85	69.4	S0409	.05410	7.7181	1.8	V
9002	58202.06	28 20N	80 34W	73.7	187.3	3.090	2.45	73.0	S0409	.07190	9.8456	0.6	F
9003	58207.46	28 20N	80 34W	73.9	187.3	3.090	3.15	73.0	S0409	.07190	9.7361	0.6	A
9004	58237.06	26 0N	80 5W	93.3	187.1	2.385	35.70	74.0	S0409	.05410	7.8583	2.8	V
9005	58287.46	23 2N	82 19W	80.2	186.9	3.090	-24.15	72.4	S0409	.05410	9.0622	0.8	A
9006	58399.86	15 40N	83 46W	83.3	186.6	3.439	-25.20	69.6	S0409	.05410	8.7076	1.0	A
813 5001	63589.25	22 50N	104 37W	83.1	187.0	2.872	-31.55	72.2	S0312	.03150	8.8056	0.6	V
5002	63592.65	22 42N	104 46W	86.2	186.9	2.872	-33.60	72.0	S0312	.03150	8.3603	1.0	F
5003	63599.65	22 25N	104 26W	78.2	186.9	3.090	-20.30	72.3	S0312	.03150	9.2928	1.0	A
5004	63607.25	21 54N	104 53W	84.9	186.9	2.872	-31.15	71.9	S0312	.03150	8.4922	0.6	F
5005	63610.45	21 50N	104 53W	83.7	186.9	2.872	-30.80	71.9	S0312	.03150	8.7596	0.6	V
5006	63613.45	21 54N	104 53W	84.5	186.9	3.090	-30.10	71.9	S0312	.03150	8.6077	1.0	A
5007	63641.65	19 0N	104 20W	77.5	186.8	3.211	9.10	72.0	S0312	.04150	9.3745	0.4	F
9001	63502.85	29 41N	102 57W	73.6	187.3	3.090	-11.21	72.7	S0409	.07190	9.8473	0.8	F
9002	63508.05	29 42N	103 1W	74.2	187.3	3.090	-13.30	72.7	S0409	.07190	9.7796	1.0	A
9003	63574.65	24 10N	104 17W	80.7	187.0	3.090	-27.30	72.4	S0409	.05410	9.0045	1.2	A
9004	63630.65	19 40N	104 12W	76.8	186.8	3.211	9.10	72.3	S0409	.05410	9.4498	1.0	F
818 5001	3097.54	65 16N	160 35E	80.1	195.5	1.475	17.85	47.3	S0312	.03150	9.1518	0.8	V
5002	3365.04	46 50N	152 9E	80.3	189.5	2.385	22.40	63.4	S0312	.03150	9.0611	0.4	F
5003	3367.84	47 0N	152 9E	79.6	189.4	2.385	22.75	63.4	S0312	.03150	9.2178	1.0	V
5004	3378.24	46 10N	152 34E	74.6	189.3	2.385	-15.40	63.5	S0312	.02260	9.6960	0.6	F
5005	3383.64	46 14N	150 34E	74.9	189.2	2.511	-14.70	63.5	S0312	.02260	9.7620	0.4	A
819 5001	8685.44	47 0N	128 2E	83.8	189.3	2.170	-31.50	62.7	S0312	.03150	8.7066	0.6	A
5002	8708.84	45 12N	128 21E	73.0	189.1	2.511	-8.75	64.4	S0312	.03150	9.9186	0.6	F
5003	8719.64	44 36N	127 46E	76.8	189.0	2.511	-21.35	64.7	S0312	.02260	9.4734	0.4	A
5004	8725.24	44 20N	127 31E	77.7	188.9	2.385	-23.45	65.2	S0312	.02260	9.3003	0.6	F
5005	8729.24	43 46N	127 22E	78.7	188.9	2.385	-26.60	65.2	S0312	.02260	9.3167	0.4	V
5006	8732.44	43 40N	127 21E	79.7	188.8	2.385	-26.60	65.2	S0312	.02260	9.1354	0.8	A
5007	8741.04	42 45N	127 14E	77.6	188.7	2.385	-23.10	66.0	S0312	.03150	9.3085	0.6	F
5008	8747.24	42 20N	126 55E	81.4	188.7	2.170	-29.40	66.1	S0312	.03150	8.8633	1.2	F
5009	8753.24	42 20N	126 54E	81.1	188.6	2.385	-29.05	66.2	S0312	.03150	8.9869	1.0	A
5010	8803.24	39 20N	126 14E	76.7	188.2	2.385	-21.35	68.7	S0312	.03150	9.4322	0.4	F
5011	8806.04	38 20N	126 14E	75.6	188.2	2.733	-21.00	68.7	S0312	.03150	9.7125	1.8	V
9001	8746.24	41 20	126 37E	81.0	188.5	2.385	-28.70	67.0	S0409	.05410	8.9138	0.6	F
9002	8749.64	40 59N	126 37E	79.5	188.5	2.385	-28.00	67.1	S0409	.05410	9.2189	1.0	V
9003	8772.64	40 47N	126 34E	79.5	188.3	2.385	-28.00	67.2	S0409	.05410	9.2271	0.6	V
9004	8775.64	40 47N	126 34E	80.2	188.4	2.385	-27.65	67.2	S0409	.05410	9.1705	0.4	A
9005	8787.44	39 49N	125 45E	94.2	188.6	2.033	-42.00	67.5	S0409	.04090	7.7758	0.6	V
9006	8790.84	39 50N	125 46E	94.9	188.6	2.033	-41.65	67.5	S0409	.04090	7.6686	0.6	A
9007	8796.24	39 10N	126 8E	80.4	188.6	2.385	-29.05	68.2	S0409	.05410	9.1199	0.6	V
9008	8799.24	39 2N	126 6E	80.4	188.6	2.385	-29.05	68.3	S0409	.05410	9.1199	0.8	V
9009	8828.24	36 40N	126 11E	72.9	188.0	2.872	-8.75	69.9	S0409	.07190	9.9280	1.0	F
9010	8833.64	36 42N	126 11E	72.9	188.0	2.872	-8.05	69.9	S0409	.07190	9.9528	0.8	A
9011	9006.04	24 20N	124 12E	78.6	187.1	3.090	16.10	73.4	S0409	.05410	9.2436	1.0	F
820 5001	14240.83	29 40N	103 29E	83.7	187.4	2.511	27.30	73.3	S0312	.02260	8.7726	0.6	V
5002	14243.83	29 40N	103 29E	85.1	187.4	2.511	27.65	73.3	S0312	.02260	8.5005	0.6	A
5003	14293.03	26 2N	102 28E	78.6	187.1	2.872	19.25	73.6	S0312	.03150	9.2755	0.8	F

Handle via
BYEMAN Channels
BYE-8915/84

Approved for Release: 2021/01/22 C05132886

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
820 5004	14298.83	26 4N	102 27E	79.1	187.1	2.733	19.95	73.6	S0312	.03150	9.1436	0.4	A
9001	13770.83	61 46N	113 9E	75.5	193.7	1.810	1.05	50.5	S0409	.07190	9.5817	1.0	F
9002	13776.23	61 46N	113 9E	75.5	193.5	1.810	1.75	50.5	S0409	.07190	9.6064	1.0	A
9003	14249.23	29 1SN	103 4E	76.8	187.4	2.733	17.15	73.2	S0409	.05410	9.5487	0.4	V
9004	14252.03	29 1SN	103 4E	77.9	187.3	2.733	17.50	73.2	S0409	.05410	9.2684	0.4	A
9005	14246.83	27 5SN	102 14E	72.8	187.3	3.211	-5.60	72.9	S0409	.07190	9.9610	0.6	F
9006	14273.03	27 5SN	102 15E	72.8	187.2	3.211	-4.55	73.0	S0409	.07190	9.9445	0.6	A
821 5001	19174.23	55 21N	89 10E	87.8	191.4	2.033	30.45	56.5	S0312	.03150	8.2861	0.4	F
5002	19177.23	55 22N	89 9E	86.9	191.3	1.810	30.80	56.5	S0312	.03150	8.4263	0.8	V
5003	19198.23	53 53N	86 39E	76.0	190.9	2.033	-16.45	57.3	S0312	.03150	9.5229	0.8	F
5004	19203.63	53 56N	86 40E	75.8	190.8	2.033	-15.75	57.6	S0312	.03150	9.5471	0.8	A
5005	19307.03	46 34N	83 38E	84.8	189.3	2.033	-32.90	63.1	S0312	.03150	8.5170	1.6	F
5006	19334.43	44 46N	84 47E	76.6	189.0	2.385	14.20	65.1	S0312	.02260	9.5723	0.4	V
5007	19339.63	44 41N	84 51E	79.5	189.0	2.385	23.45	65.4	S0312	.03150	9.2343	0.6	V
5008	19343.83	44 4N	84 54E	83.2	188.9	2.170	29.05	65.6	S0312	.03150	8.8385	0.6	V
5009	19353.23	43 59N	83 55E	71.2	188.8	2.511	1.75	65.8	S0312	.03150	10.3061	0.6	V
5010	19387.83	43 20N	84 2E	73.1	188.8	2.511	7.70	66.0	S0312	.03150	9.9551	0.6	A
5011	19376.63	41 45N	82 59E	73.7	188.6	2.511	-14.70	66.8	S0312	.02260	9.8279	0.8	F
5012	19382.03	41 45N	82 58E	73.7	188.6	2.733	-14.70	66.8	S0312	.03150	9.8774	0.6	A
5013	19444.43	36 5SN	82 51E	79.5	188.0	2.733	23.40	70.3	S0312	.03150	9.1603	0.4	F
5014	19448.43	37 0N	82 44E	77.3	188.0	2.511	18.55	70.2	S0312	.04150	9.3909	0.6	A
5015	19597.43	26 47N	80 25E	79.4	187.2	2.872	18.55	73.6	S0312	.03150	9.1683	0.6	F
5016	19603.23	26 46N	80 24E	80.0	187.1	2.733	19.25	73.6	S0312	.03150	9.0447	0.6	A
5017	19823.23	10 5SN	76 5SE	78.6	186.5	3.439	-4.55	67.4	S0312	.03150	9.2096	0.6	F
9001	19324.23	45 37N	84 54E	75.7	189.1	2.385	18.35	64.4	S0409	.05410	9.5652	1.0	A
9002	19792.43	13 1N	77 39E	79.3	186.6	3.211	9.10	69.0	S0409	.05410	9.1447	1.2	F
9003	19798.23	13 0N	77 39E	79.9	186.6	3.211	10.50	69.0	S0409	.05410	9.0127	0.6	A
822 5001	24441.43	58 19N	68 15E	84.9	192.4	2.033	26.25	53.8	S0312	.04150	8.5582	0.8	F
5002	24444.43	58 14N	68 20E	86.1	192.3	1.810	29.05	53.9	S0312	.03150	8.5085	0.4	V
5003	24447.43	58 10N	68 18E	86.8	192.2	1.810	28.70	53.9	S0312	.03150	8.3586	1.2	A
5004	24510.63	53 17N	63 40E	84.5	190.4	1.687	-30.80	57.7	S0312	.03150	8.5500	2.4	F
5005	24524.63	53 16N	63 44E	82.8	190.6	2.033	-29.05	57.8	S0312	.03150	8.7891	1.2	A
5006	24622.63	45 5SN	63 27E	85.2	189.3	2.385	28.70	64.3	S0312	.03150	8.5500	0.6	F
5007	24749.83	37 2SN	60 19E	73.2	188.1	2.872	4.90	69.8	S0312	.02260	9.9269	0.4	F
5008	24754.23	37 2SN	60 32E	75.6	188.0	2.872	12.95	69.9	S0312	.02260	9.6053	0.6	A
5009	25486.43	13 21S	50 1E	100.5	186.6	3.439	-24.85	47.2	S0312	.03150	7.1236	0.8	F
9001	24538.23	51 51N	64 13E	73.4	190.4	2.170	-4.20	59.2	S0409	.07190	9.8703	0.8	F
9002	24543.43	51 51N	64 13E	73.3	190.3	2.170	-3.50	59.2	S0409	.07190	9.8951	1.0	A
9003	24627.43	46 2N	63 19E	82.6	189.2	2.170	25.90	64.2	S0409	.05410	8.7654	0.6	A
9004	24632.83	45 40N	63 14E	83.2	189.2	2.170	26.60	64.5	S0409	.05410	8.7076	1.0	A
823 5001	29478.02	76 15N	62 44E	79.8	205.3	0.776	-0.70	36.5	S0312	.05390	9.0529	1.0	F
5002	29483.82	76 15N	62 42E	79.7	207.5	0.776	-0.70	36.5	S0312	.05390	9.0941	1.0	A
5003	29710.62	61 1N	46 54E	77.6	193.4	1.810	12.95	51.3	S0312	.04150	9.3497	0.8	F
5004	29716.02	61 2N	46 54E	77.7	193.2	1.810	13.30	51.2	S0312	.04150	9.3415	1.0	A
5005	29762.02	58 24N	43 40E	81.3	192.5	1.687	-25.20	53.4	S0312	.03150	8.8880	0.8	F
5006	29755.62	58 21N	43 52E	79.3	192.2	1.687	-23.45	53.4	S0312	.04150	9.2425	0.6	V
5007	29788.82	56 16N	43 12E	77.4	191.5	2.033	-18.90	55.3	S0312	.04150	9.3992	0.2	A
5008	29853.42	51 46N	41 57E	73.2	190.3	2.170	-4.20	59.5	S0312	.03150	9.8939	1.4	F
5009	29858.62	51 46N	41 57E	73.2	190.3	2.170	-3.50	59.5	S0312	.04150	9.9469	1.4	A
5010	29890.82	48 20N	40 11E	79.7	189.7	2.033	-25.55	61.8	S0312	.03150	9.0776	0.8	F
5011	29905.42	48 20N	40 12E	79.2	189.6	2.170	-24.85	61.8	S0312	.03150	9.1343	1.0	A
5012	29914.02	47 42N	39 46E	81.9	189.5	2.033	-29.05	62.5	S0312	.03150	8.8158	0.6	F
5013	29915.22	47 17N	39 45E	82.0	189.5	2.033	-29.05	62.6	S0312	.03150	8.8158	0.8	F
5014	29921.02	47 17N	39 45E	81.7	189.4	2.170	-28.70	62.6	S0312	.03150	8.9045	1.0	A
5015	29953.42	44 30N	40 15E	74.3	189.0	2.511	10.15	65.1	S0312	.03150	9.7867	0.4	F
5016	29958.82	44 30N	40 15E	74.5	189.0	2.511	10.85	65.1	S0312	.03150	9.7372	0.4	A
5017	29971.82	43 15N	40 17E	80.4	188.8	2.511	22.75	66.4	S0312	.04150	9.0529	0.6	F
5018	29977.62	43 15N	40 17E	80.9	188.8	2.385	23.45	66.3	S0312	.04150	8.9622	0.6	A
5019	30071.22	36 34N	37 3E	81.4	188.0	2.511	-29.40	69.6	S0312	.01710	8.8633	1.0	F
5020	30075.42	36 14N	37 9E	77.9	188.0	2.511	-25.20	69.9	S0312	.03150	9.2673	0.6	F
5021	30079.22	36 12N	37 5E	77.9	187.9	2.511	-25.20	69.9	S0312	.03150	9.4074	0.4	V
5022	30093.02	35 4N	37 3E	75.3	187.8	2.733	-18.20	70.6	S0312	.03150	9.6053	0.6	F
5023	30099.42	34 57N	36 46E	78.6	187.3	2.733	-24.85	70.6	S0312	.03150	9.1941	0.4	F
5024	30102.22	34 57N	36 48E	77.8	187.8	2.733	-24.85	70.6	S0312	.03150	9.4239	0.4	V
5025	30127.42	32 42N	36 7E	84.0	187.5	2.511	-32.20	71.2	S0312	.03150	8.5829	1.2	F
5026	30133.42	32 42N	36 7E	83.7	187.6	2.733	-31.85	71.2	S0312	.03150	8.6304	1.4	A
5027	30138.42	32 4N	36 10E	78.9	187.6	2.733	-26.60	71.6	S0312	.03150	9.2920	0.6	V
5028	30143.62	31 59N	35 59E	83.1	187.5	2.733	-31.15	71.5	S0312	.03150	8.7561	0.6	A
5029	30573.22	1 4SN	31 44E	89.8	186.4	3.090	19.60	61.0	S0312	.01710	8.0635	0.8	F
5030	30622.42	1 27S	29 38E	102.7	186.4	3.090	-37.45	57.3	S0312	.02260	6.9834	1.2	F
5031	30653.02	3 16S	29 23E	102.0	186.4	3.211	-36.05	55.8	S0312	.04150	7.1256	1.0	V
5032	30671.22	4 5ÜS	29 38E	90.4	186.4	3.439	-19.20	54.8	S0312	.04150	7.9398	0.6	F
5033	30677.82	4 5ÜS	29 38E	90.2	186.4	3.574	-16.80	54.8	S0312	.03150	7.9726	0.8	A
5034	30687.02	5 9ÄS	29 12E	96.0	186.4	3.439	-26.60	53.7	S0312	.04150	7.4699	0.6	F
5035	30717.62	7 29S	28 43E	101.3	186.5	3.439	-31.85	52.3	S0312	.03150	7.1153	1.0	A
5036	30765.22	11 0S	28 53E	90.1	186.3	3.439	-4.55	49.5	S0312	.03150	8.0470	1.0	V
5037	30783.82	12 2ÄS	27 54E	102.5	186.6	3.211	-29.05	47.8	S0312	.02260	6.9752	0.8	F
5038	30791.82	12 2ÄS	28 9E	95.0	186.6	3.439	-18.90	47.7	S0312	.03150	7.6346	1.0	V
5039	30824.42	15 24S	28 10E	94.6	186.5	3.439	2.45	45.7	S0312	.03150	7.5935	0.6	F

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
823 5040	30827.82	15 44S	28 19E	93.8	186.7	3.211	3.15	45.7	SO312	.03150	7.7172	0.6	V
5041	30832.42	15 29S	28 20E	95.6	186.7	3.211	4.90	45.6	SO312	.03150	7.4699	1.0	A
5042	30872.82	18 19S	26 32E	114.0	186.8	3.211	-35.00	42.4	SO312	.03150	6.3403	0.6	V
5043	30877.22	18 04S	26 31E	115.0	186.8	3.449	-35.00	42.4	SO312	.03150	6.2414	0.6	A
5044	30907.82	21 05S	27 30E	101.4	186.9	3.090	9.80	40.5	SO312	.03150	7.0741	1.0	F
5045	30917.62	21 19S	28 8E	117.9	186.9	2.170	29.75	40.6	SO312	.03150	6.0270	1.4	A
5046	30972.42	25 3S	25 42E	106.2	187.1	3.211	-20.65	36.3	SO312	.03150	6.7355	1.0	V
5047	30982.42	26 9S	25 60E	102.9	187.1	3.211	-6.65	35.6	SO312	.03150	6.9339	1.0	F
5048	30995.02	26 50S	26 44E	110.5	187.2	2.511	19.25	35.3	SO312	.03150	6.5217	1.0	V
5049	31003.82	27 05S	25 36E	104.7	187.2	3.090	-9.45	34.2	SO312	.04150	6.8103	1.0	F
5050	31013.62	27 25S	24 50E	114.2	187.3	3.211	-27.65	33.6	SO312	.03150	6.3073	1.0	V
5051	31021.82	28 46S	24 47E	113.5	187.3	3.090	-24.85	32.8	SO312	.03150	6.2661	1.2	F
9001	29478.22	76 14N	62 41E	79.8	208.2	0.776	-0.70	36.5	SO409	.09670	9.0540	1.0	F
9002	29484.02	76 14N	62 40E	79.7	207.5	0.776	-0.70	36.5	SO409	.09670	9.0952	0.8	A
9003	29563.42	70 52N	53 47E	78.0	200.0	1.113	-3.85	41.9	SO409	.07190	9.2601	1.0	F
9004	29569.02	70 52N	53 47E	77.8	199.6	1.113	-3.50	41.9	SO409	.07190	9.3096	1.0	A
9005	29776.42	56 44N	43 14E	79.6	191.7	1.687	-22.75	54.9	SO409	.09670	9.0747	0.8	F
9006	29782.02	56 40N	43 14E	79.2	191.6	1.810	-22.40	54.8	SO409	.09670	9.1612	1.0	A
9007	29803.42	54 50N	43 13E	73.8	191.2	2.170	-4.55	56.6	SO409	.07190	9.4043	0.4	F
9008	29808.62	54 51N	43 13E	74.7	191.1	2.170	-3.85	56.6	SO409	.07190	9.3573	0.6	A
9009	29867.62	50 40N	42 2E	73.7	190.1	2.385	4.90	60.2	SO409	.07190	9.6291	1.0	A
9010	29934.22	45 50N	40 7E	73.0	189.2	2.511	-7.00	63.9	SO409	.07190	9.9280	1.0	F
9011	29939.42	45 50N	40 7E	72.9	189.2	2.511	-6.30	63.9	SO409	.07190	9.9528	2.4	A
9012	29971.62	43 14N	40 17E	80.5	188.8	2.511	22.75	66.3	SO409	.07190	9.0540	0.8	F
9013	29977.42	43 14N	40 17E	80.8	188.8	2.385	23.45	66.3	SO409	.07190	8.9633	0.8	A
9014	30098.02	34 42N	36 47E	78.5	187.8	2.733	-24.85	70.6	SO409	.05410	9.2024	0.6	F
9015	30111.62	33 40N	37 14E	72.6	187.7	2.872	-0.35	71.5	SO409	.04090	9.9358	0.6	F
9016	30116.82	33 40N	37 13E	72.7	187.7	2.872	0.35	71.5	SO409	.04090	9.9593	0.8	A
9017	30143.22	32 4N	35 59E	83.0	187.5	2.734	-31.15	71.5	SO409	.04090	8.7571	1.0	A
9018	30552.42	3 41N	31 47E	84.3	186.4	3.211	9.80	62.4	SO409	.05410	8.5180	1.0	A
9019	30632.02	1 06S	30 9E	86.6	186.4	3.574	-17.50	57.3	SO409	.05410	8.4025	1.2	V
9020	30682.62	5 05S	29 16E	94.2	186.5	3.574	-24.15	53.9	SO409	.05410	7.8274	1.2	A
9021	30706.82	7 17S	29 11E	91.4	186.5	3.434	-18.55	52.7	SO409	.05410	7.8500	1.0	F
9022	30798.02	13 05S	28 26E	93.0	186.6	3.434	-7.00	47.6	SO409	.05410	7.6851	1.0	A
9023	30947.42	25 00S	26 10E	103.2	187.1	3.211	-1.40	35.8	SO409	.07190	6.8770	1.2	A
9024	31032.42	29 48S	25 55E	108.3	187.4	2.733	9.45	33.0	SO409	.05410	6.5307	1.2	A
824 5001	34899.42	69 25N	30 16E	77.1	198.5	1.332	-1.40	46.3	SO312	.04150	9.4992	0.4	V
5002	34967.82	65 1N	25 26E	80.9	195.1	1.475	-21.35	47.4	SO312	.05390	8.9737	0.6	A
5003	35023.62	61 0N	25 41E	88.4	193.3	1.687	30.10	51.4	SO312	.03150	8.1972	0.6	A
5004	35041.02	59 25N	24 44E	87.2	192.8	1.810	29.05	52.8	SO312	.03150	8.3356	0.6	F
5005	35046.62	59 21N	24 13E	79.9	192.7	1.810	20.65	52.8	SO312	.04150	9.1948	0.6	V
5006	35049.02	59 21N	24 14E	81.0	192.6	1.810	21.00	52.8	SO312	.03150	8.9540	0.6	A
5007	35088.22	56 20N	21 53E	76.9	191.7	2.033	-1.05	55.3	SO312	.04150	9.3032	0.6	F
5008	35093.42	56 26N	21 54E	74.0	191.6	2.033	-0.35	55.3	SO312	.04150	9.5197	0.6	A
5009	35103.02	55 17N	22 28E	82.7	191.4	2.033	24.50	56.5	SO312	.03150	8.7491	0.4	F
5010	35106.02	55 17N	22 28E	82.6	191.3	2.033	24.50	56.5	SO312	.03150	8.9457	0.4	V
5011	35111.42	54 56N	22 10E	79.8	191.2	2.033	21.70	56.8	SO312	.03150	9.1981	0.4	V
5012	35114.22	54 56N	22 10E	80.9	191.2	2.034	22.40	56.6	SO312	.03150	8.9940	0.6	A
5013	35148.22	52 10N	21 2E	79.4	190.5	2.170	20.30	59.1	SO312	.03150	9.1401	0.4	F
5014	35151.02	52 10N	21 1E	78.5	190.5	2.170	20.30	59.1	SO312	.03150	9.3560	1.2	V
5015	35162.02	51 50N	19 34E	75.1	190.3	2.170	-15.05	59.1	SO312	.03150	9.6795	1.4	A
5016	35167.22	51 16N	19 19E	74.9	190.2	2.170	-17.15	59.5	SO312	.03150	9.6952	0.6	V
5017	35171.62	50 49N	19 6E	76.4	190.2	2.170	-19.25	59.9	SO312	.03150	9.4552	0.6	F
5018	35178.02	50 24N	18 38E	81.1	190.1	2.033	-27.65	60.2	SO312	.03150	9.4045	1.0	F
5019	35183.82	50 24N	18 38E	80.6	190.0	2.170	-26.55	60.2	SO312	.03150	9.0117	1.0	A
5020	35196.42	49 5N	18 55E	73.2	189.8	2.385	-2.40	61.4	SO312	.03150	9.9021	0.6	F
5021	35201.62	49 5N	18 55E	73.2	189.8	2.385	-4.05	61.4	SO312	.03150	9.9451	0.6	A
5022	35236.02	46 42N	18 3E	72.9	189.3	2.511	-7.60	63.6	SO312	.03150	9.9434	0.6	F
5023	35258.62	44 52N	17 13E	77.2	189.1	2.385	-22.05	64.5	SO312	.03150	9.3652	1.4	F
5024	35264.02	44 52N	17 13E	76.9	189.0	2.385	-21.35	64.5	SO312	.03150	9.4569	1.6	A
9001	34883.62	69 57N	32 0E	80.8	199.2	1.332	15.05	42.8	SO409	.07190	8.9550	0.6	F
9002	34886.62	69 57N	31 59E	79.8	199.0	1.332	15.05	42.8	SO409	.07190	9.1777	0.4	V
9003	34889.22	69 47N	31 47E	79.5	198.9	1.332	14.70	43.0	SO409	.07190	9.2024	0.4	V
9004	34892.02	69 47N	31 48E	80.5	198.7	1.332	15.05	43.0	SO409	.07190	8.9650	0.4	A
9005	35046.02	59 21N	24 13E	79.9	192.7	1.810	20.65	52.8	SO409	.07190	9.1455	0.6	V
9006	35049.02	59 20N	24 13E	81.0	192.6	1.810	21.00	52.8	SO409	.07190	8.9550	0.6	A
9007	35071.82	57 30N	21 52E	75.9	192.0	1.810	-13.65	54.2	SO409	.07190	9.5157	0.6	F
9008	35077.22	57 30N	21 52E	75.8	191.9	2.033	-13.65	54.2	SO409	.07190	9.5705	0.6	A
9009	35178.02	50 24N	18 39E	81.2	190.1	2.033	-27.65	60.2	SO409	.05410	8.9955	0.8	F
9010	35183.82	50 24N	18 38E	80.6	190.0	2.170	-26.55	60.2	SO409	.07190	9.0127	0.6	A
9011	35190.62	49 51N	18 3E	73.9	189.9	2.385	-11.20	60.8	SO409	.07190	9.8473	0.8	A
9012	35196.22	49 0N	18 55E	73.2	189.8	2.385	-8.40	61.4	SO409	.07190	9.9053	0.6	F
9013	35201.62	49 5N	18 54E	73.1	189.8	2.385	-8.05	61.4	SO409	.07190	9.9365	0.6	A
9014	35217.82	47 48N	18 44E	72.8	189.5	2.385	-0.70	62.5	SO409	.07190	10.1315	0.4	V
9015	35220.62	47 48N	18 44E	72.8	189.5	2.385	-0.35	62.6	SO409	.07190	9.9928	0.4	A
9016	35240.22	46 43N	18 7E	72.7	189.3	2.511	-4.55	63.8	SO409	.07190	9.9510	0.4	F
9017	35245.42	46 4N	18 7E	72.7	189.2	2.511	-3.85	63.8	SO409	.07190	9.9775	0.4	A
9018	35279.62	43 10N	17 51E	75.2	188.8	2.511	12.60	66.1	SO409	.04090	9.6559	0.8	F
9019	35285.02	43 10N	17 52E	75.6	188.8	2.511	13.65	66.1	SO409	.04090	9.5735	0.8	A
9020	35444.62	33 24N	15 4E	75.2	187.6	2.872	10.50	72.2	SO409	.04090	9.6249	0.8	A
9021	35453.82	31 48N	14 55E	75.1	187.5	2.872	10.15	72.4	SO409	.04090	9.6312	0.4	A
9022	35524.22	26 34N	13 10E	76.5	187.2	3.090	-14.20	72.8	SO409	.04090	9.4498	0.4	F
9023	35529.62	26 34N	13 10E	76.3	187.2	3.090	-17.50	72.8	SO409	.04090	9.4992	0.4	A
825 5001	40673.62	37 20N	5 59W	73.4	188.1	2.872	5.95	69.9	SO312	.03150	9.8939	0.8	F

Handle via
BYEMAN Channels
BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
825 5002	40679.02	37 24N	5 59W	73.6	188.1	2.733	6.65	69.8	S0312	.03150	9.8444	0.6	A
5003	40696.62	35 48N	5 55W	80.2	187.9	2.733	22.05	71.0	S0312	.03150	9.0694	1.0	F
5004	40721.02	34 10N	6 3W	85.0	187.8	2.385	29.40	71.8	S0312	.01710	8.6324	0.6	V
5005	40752.22	32 16N	7 57W	77.2	187.6	2.872	-23.80	71.6	S0312	.03150	9.4816	0.6	V
5006	40764.22	31 9N	8 20W	83.9	187.5	2.733	-31.85	71.6	S0312	.03150	8.6654	1.0	A
9001	40735.42	33 25N	7 34W	75.1	187.7	2.872	-19.25	71.3	S0409	.04090	9.7466	1.0	V
9002	41013.42	14 20N	11 26W	64.2	186.6	3.439	-25.90	69.1	S0409	.05410	8.6004	1.0	A
9003	41035.62	12 52N	11 15W	78.3	186.5	3.439	-7.00	68.6	S0409	.04090	9.2106	0.8	A
9004	41059.22	11 22N	12 17W	93.3	186.5	3.211	-35.70	67.0	S0409	.03090	7.7428	0.6	A
9005	41081.62	9 40N	11 31W	80.5	186.5	3.211	6.30	66.7	S0409	.05410	8.9303	1.0	A
826 9001	45566.42	65 44N	16 45W	75.3	195.7	1.475	5.60	46.9	S0409	.07190	9.7219	0.6	V
9002	45570.22	65 40N	16 50W	76.2	195.6	1.475	5.25	46.9	S0409	.07190	9.5975	0.6	A
9003	45966.82	38 40N	27 13W	82.5	188.2	2.385	25.90	69.4	S0409	.05410	8.7489	0.4	A
9004	46603.21	5 10S	37 21W	103.7	186.4	3.211	-36.05	54.2	S0409	.05410	7.0007	0.6	V
9005	46611.41	5 05S	36 58W	92.6	186.4	3.574	-21.35	54.1	S0409	.05410	7.7676	1.0	A
9006	46620.41	6 10S	36 32W	88.4	186.5	3.439	-0.70	53.8	S0409	.05410	8.1057	1.0	A
9007	46629.21	7 9S	36 57W	99.7	186.5	2.872	25.55	53.5	S0409	.05410	7.2893	0.8	V
9008	46634.01	7 14S	36 53W	103.8	186.3	2.511	28.35	53.4	S0409	.05410	6.8688	1.0	A
9009	46647.21	8 1S	37 19W	92.6	186.5	3.574	-14.55	52.0	S0409	.05410	7.7511	1.0	A
9010	46661.81	9 0S	37 2W	90.2	186.5	3.439	-1.05	51.3	S0409	.05410	7.9525	1.0	A
9011	46678.01	10 14S	36 33W	101.5	186.5	2.733	23.10	50.7	S0409	.05410	7.0172	1.0	A
9012	46688.81	10 57S	37 4W	94.3	186.5	3.211	10.15	49.8	S0409	.05410	7.5597	1.0	A
9013	46711.41	12 52S	36 20W	99.1	186.6	3.439	-23.80	47.6	S0409	.05410	7.2151	1.0	F
9014	46716.21	12 56S	36 31W	101.7	186.6	3.439	-24.35	47.6	S0409	.05410	7.1244	1.2	V
9015	46720.01	12 56S	36 30W	102.6	186.6	3.439	-27.65	47.4	S0409	.05410	6.9925	1.2	A
9016	46747.41	14 40S	39 2W	108.9	186.5	3.439	-32.55	45.7	S0409	.05410	6.5884	1.0	A
9017	46763.01	16 24S	39 6W	104.2	186.7	3.211	-26.60	44.3	S0409	.05410	6.8440	0.6	F
9018	46770.61	16 24S	39 4W	103.3	186.7	3.574	-25.20	44.3	S0409	.05410	6.9265	1.0	A
9019	46784.21	17 9S	39 15W	103.1	186.7	3.574	-23.45	43.3	S0409	.05410	6.9347	1.0	A
827 9001	51991.41	6 12S	57 46W	102.9	186.4	2.511	28.40	34.4	S0409	.05410	7.0584	1.0	V
9002	52016.01	12 40S	59 56W	92.5	186.6	3.439	-7.00	47.9	S0409	.05410	7.7511	1.0	F
9003	52021.01	12 59S	60 5W	93.7	186.6	3.439	-12.25	48.0	S0409	.05410	7.6527	1.2	A
9004	52025.81	13 13S	60 14W	93.6	186.6	3.439	-14.70	47.4	S0409	.05410	7.7428	1.0	V
9005	52033.01	13 40S	60 41W	100.6	186.6	3.439	-26.60	46.8	S0409	.05410	7.2069	1.0	V
9006	52041.21	14 9S	60 13W	94.2	186.3	3.574	-8.05	46.7	S0409	.05410	7.5944	1.0	A
9007	52228.21	27 14S	63 14W	110.1	187.2	3.211	-22.05	34.3	S0409	.05410	6.4647	1.0	F
9008	52232.21	27 20S	63 19W	111.0	187.2	3.211	-23.10	34.0	S0409	.05410	6.3984	1.0	F
9009	52236.41	27 26S	63 23W	110.8	187.2	3.211	-24.15	34.0	S0409	.05410	6.4377	1.0	V
9010	52243.41	27 41S	63 30W	113.9	187.3	3.439	-25.90	33.8	S0409	.05410	6.2503	1.0	A
9011	52247.41	28 50S	63 27W	109.9	187.3	3.211	-14.55	33.0	S0409	.05410	6.4736	1.0	A
9012	52299.21	31 10S	64 11W	113.4	187.3	3.090	-23.10	30.4	S0409	.05410	6.3410	1.0	V
9013	52300.21	31 39S	63 46W	108.9	187.6	3.090	-9.80	30.3	S0409	.07190	6.5059	1.0	A
9014	52307.21	32 29S	63 11W	110.0	187.6	2.872	9.80	29.8	S0409	.07190	6.5307	0.8	V
9015	52311.41	32 26S	63 11W	111.9	187.6	2.872	10.50	29.8	S0409	.07190	6.3163	0.6	A
9016	52331.61	34 10S	64 32W	112.5	187.7	3.090	-15.05	27.7	S0409	.07190	6.3163	1.0	F
9017	52340.21	34 50S	63 53W	111.7	187.8	2.733	5.60	27.4	S0409	.07190	6.3740	1.0	F
9018	52346.01	34 59S	64 15W	109.6	187.8	2.872	-2.50	27.2	S0409	.07190	6.5472	0.8	V
9019	52361.61	35 25S	64 43W	113.4	187.9	3.090	-14.00	27.0	S0409	.07190	6.2503	1.0	A
9020	52364.21	36 24S	64 16W	112.9	187.9	2.733	4.90	25.8	S0409	.07190	6.2998	1.0	F
9021	52368.61	36 30S	64 16W	112.1	188.0	2.733	5.60	25.8	S0409	.07190	6.3969	1.0	V
9022	52376.01	36 45S	64 25W	113.4	188.0	2.733	3.50	25.6	S0409	.07190	6.2256	0.6	A
9023	52381.21	37 09S	64 44W	113.0	188.1	2.733	0.00	24.7	S0409	.07190	6.2303	1.0	F
828 9001	56784.21	24 09N	75 40W	77.0	187.0	3.211	-17.85	72.7	S0409	.05410	9.4168	0.6	A
9002	56792.01	23 41N	75 19W	75.0	187.0	3.211	3.15	73.1	S0409	.07190	9.6724	0.6	F
9003	56798.21	23 27N	75 15W	75.9	187.0	3.090	7.35	73.1	S0409	.05410	9.5157	0.6	A
9004	56803.81	23 12N	75 5W	79.8	187.0	2.872	17.50	73.3	S0409	.05410	9.0457	0.6	A
9005	56833.21	20 48N	75 38W	78.1	186.9	3.090	12.25	72.6	S0409	.07190	9.3013	0.8	F
9006	56838.21	20 29N	75 56W	75.7	186.9	3.090	3.15	72.3	S0409	.07190	9.5735	1.0	F
9007	56843.81	20 29N	75 56W	76.0	186.8	3.211	3.85	72.4	S0409	.05410	9.5075	0.8	A
9008	56847.41	20 14N	75 50W	76.1	186.8	3.211	3.85	72.3	S0409	.05410	9.4910	0.6	A
9009	56871.41	19 10N	76 31W	76.1	186.8	3.439	-3.85	71.4	S0409	.05410	9.5240	0.4	F
9010	56877.41	18 1N	76 47W	76.5	186.7	3.211	-13.30	71.1	S0409	.07190	9.5652	0.4	V
9011	56880.21	19 1N	76 47W	77.3	186.7	3.439	-12.95	71.1	S0409	.05410	9.3591	0.4	A
9012	57147.61	0 04S	80 24W	90.6	186.4	3.439	-25.55	58.3	S0409	.05410	8.0397	1.0	V
9013	57153.01	0 05S	80 40W	96.4	186.4	3.211	-32.20	57.9	S0409	.05410	7.5449	1.0	V
9014	57169.61	2 10S	79 53W	85.5	186.4	3.439	4.90	57.4	S0409	.05410	8.5097	0.6	V
9015	57172.61	2 9S	79 53W	86.8	186.4	3.439	5.60	57.5	S0409	.05410	8.2541	0.8	A
9016	57208.41	4 50S	80 16W	88.0	186.4	3.211	8.40	55.2	S0409	.05410	8.2706	0.8	V
9017	57216.41	5 11S	80 4W	94.0	186.4	2.872	18.20	55.1	S0409	.05410	7.6027	0.8	A
829 5001	61785.81	45 10N	93 13W	76.6	189.1	2.385	-21.35	64.3	S0312	.03150	9.4804	3.6	F
5002	61793.41	45 2N	93 16W	76.4	189.0	2.385	-20.65	64.4	S0312	.03150	9.5411	3.8	A
5003	62065.41	25 50N	97 29W	76.5	187.1	3.090	-17.50	72.8	S0312	.03150	9.4569	0.3	F
5004	62071.01	25 50N	97 30W	76.4	187.1	3.211	-16.80	72.8	S0312	.03150	9.5064	0.6	A
5005	62072.61	25 48N	97 31W	76.5	187.1	3.211	-16.80	72.8	S0312	.03150	9.4981	0.8	A
9001	61785.81	45 10N	93 13W	76.7	189.1	2.385	-21.35	64.3	S0409	.07190	9.4815	3.8	F
9002	61793.21	45 2N	93 15W	76.4	189.0	2.385	-20.65	64.4	S0409	.07190	9.5522	3.8	A
830 5001	67252.00	34 10N	118 11W	79.6	187.7	2.733	-27.65	70.7	S0312	.03150	9.2096	7.8	V

Handle via BYEMAN Channels BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
830 9002	67275.20	32 29N	117 1W	84.2	187.6	2.511	28.55	72.6	S0312	.03150	8.7231	0.6	V
9003	67279.20	32 30N	117 1W	85.6	187.6	2.511	28.70	72.6	S0312	.03150	8.4593	0.6	A
9001	67252.00	34 15N	118 11W	79.6	187.7	2.733	-27.65	70.8	S0409	.05410	9.2106	7.4	V
834 9001	1744.19	57 38N	161 8E	73.7	192.1	2.033	-5.25	54.2	S0409	.05410	9.8126	0.6	F
9002	1748.59	57 36N	161 8E	73.6	191.9	2.033	-4.55	54.3	S0409	.05410	9.8621	0.6	A
9003	1755.19	56 30N	161 16E	74.5	191.6	2.033	7.00	55.0	S0409	.05410	9.7219	0.6	F
9004	1760.59	56 30N	161 15E	74.5	191.7	2.033	7.35	55.0	S0409	.05410	9.7219	0.6	A
9005	1814.19	52 57N	158 31E	78.8	190.7	1.810	-23.45	58.1	S0409	.07190	9.1612	0.6	F
9006	1817.19	52 56N	158 31E	77.7	190.6	2.033	-23.45	58.2	S0409	.07190	9.4363	0.6	V
835 9001	7158.99	50 23N	137 12E	80.7	190.1	2.170	23.10	60.7	S0409	.05410	9.0210	0.6	F
9002	7164.79	50 26N	137 12E	81.0	190.0	2.033	23.80	60.7	S0409	.05410	8.9385	0.6	A
9003	7188.99	48 30N	135 14E	74.3	189.7	2.385	-14.70	61.9	S0409	.05410	9.7301	1.4	F
9004	7194.39	48 29N	135 16E	74.1	189.6	2.385	-14.00	61.9	S0409	.05410	9.7961	0.4	A
9005	7198.59	48 30N	135 5E	75.0	189.6	2.385	-17.15	62.1	S0409	.07190	9.6807	0.4	A
9006	7252.99	44 7N	133 53E	75.3	189.0	2.385	-15.55	65.1	S0409	.05410	9.6064	0.4	F
9007	7258.39	44 7N	133 53E	74.9	188.9	2.511	-17.85	65.2	S0409	.05410	9.6809	0.4	A
9008	7266.39	43 6N	134 19E	72.9	188.8	2.733	4.55	66.1	S0409	.07190	9.9928	0.6	F
9009	7271.79	43 7N	134 19E	73.1	188.8	2.511	5.95	66.2	S0409	.07190	9.9196	0.4	A
9010	7439.19	31 17N	131 5E	73.5	187.5	3.090	-10.15	72.2	S0409	.07190	9.8558	0.6	F
9011	7444.39	31 17N	131 5E	73.4	187.5	3.090	-9.10	72.2	S0409	.07190	9.6786	1.0	A
9012	7451.59	30 25N	130 59E	73.3	187.4	3.090	-7.00	72.5	S0409	.07190	9.8168	0.4	F
9013	7456.79	30 26N	130 59E	73.3	187.4	3.090	-5.95	72.5	S0409	.07190	9.8951	0.4	A
836 9001	12149.99	71 40N	126 57E	81.7	201.2	1.332	16.45	41.1	S0409	.05410	8.8478	0.6	F
9002	12151.99	71 40N	126 56E	80.7	200.9	1.113	16.80	41.1	S0409	.05410	9.0640	0.6	V
9003	12155.19	71 40N	126 52E	81.4	200.7	1.113	16.45	41.1	S0409	.05410	8.8408	0.4	A
9004	12164.99	70 47N	126 59E	74.2	200.0	1.113	7.00	42.1	S0409	.07190	9.2519	0.6	F
9005	12170.59	70 47N	127 0E	78.1	199.6	1.113	7.70	42.1	S0409	.07190	9.2684	0.6	A
9006	12468.19	51 0N	115 27E	82.7	190.3	2.170	26.25	60.2	S0409	.05410	8.7963	0.4	F
9007	12464.19	51 0N	115 26E	82.8	190.2	2.063	26.60	60.2	S0409	.05410	8.7324	0.4	A
9008	12608.79	40 40N	111 60E	77.3	188.0	2.511	19.25	67.9	S0409	.07190	9.4168	1.6	F
9009	12610.39	40 40N	111 59E	77.7	188.0	2.511	19.25	68.0	S0409	.05410	9.5178	1.4	A
9010	12613.59	40 26N	112 1E	79.6	188.4	2.511	23.50	68.3	S0409	.05410	9.0369	0.6	A
9011	12630.19	39 24N	111 10E	72.3	188.3	2.733	4.50	68.6	S0409	.07190	10.0455	0.4	F
9012	12635.39	39 24N	111 11E	72.5	188.3	2.733	4.55	68.6	S0409	.07190	9.9840	0.4	A
9013	12641.59	39 44N	111 34E	78.9	188.2	2.511	23.45	69.3	S0409	.05410	9.5095	0.4	V
9014	12644.39	38 44N	111 35E	80.3	188.2	2.511	24.15	69.3	S0409	.05410	9.0045	0.6	A
9015	12703.99	34 42N	109 36E	73.1	187.6	2.872	-11.20	71.0	S0409	.07190	9.9053	0.6	F
9016	12709.19	34 42N	109 36E	73.0	187.7	2.872	-10.50	71.1	S0409	.07190	9.9280	0.6	A
9017	12892.19	26 14N	107 36E	78.3	187.2	2.872	-22.75	72.6	S0409	.05410	9.2189	0.6	F
9018	12897.79	26 14N	107 36E	77.9	187.1	3.090	-22.05	72.7	S0409	.05410	9.3178	0.6	A
9019	12841.59	24 52N	107 36E	74.9	187.1	3.211	-12.95	72.8	S0409	.07190	9.6477	0.6	F
9020	12846.99	24 52N	107 35E	74.9	187.1	3.211	-12.25	72.8	S0409	.07190	9.6807	0.4	A
9021	12874.99	22 30N	106 11E	86.0	187.0	2.733	27.65	73.5	S0409	.04090	9.5180	0.6	V
9022	12878.19	22 30N	106 11E	87.6	186.9	2.511	28.35	73.5	S0409	.04090	9.2459	0.4	A
9023	12893.19	21 14N	107 34E	79.4	186.9	3.090	15.40	72.8	S0409	.07190	9.1447	0.6	F
9024	12898.99	21 15N	107 34E	79.9	186.9	2.872	16.45	72.8	S0409	.07190	9.0292	0.6	A
837 9001	17581.58	63 40N	97 34E	77.3	194.7	1.475	-14.70	48.6	S0409	.07190	9.5426	0.4	F
9002	17586.98	63 40N	97 34E	77.0	194.5	1.475	-14.35	48.6	S0409	.07190	9.4085	0.6	A
9003	17673.58	57 54N	93 7E	94.0	192.0	1.332	-39.90	53.7	S0409	.04090	7.7841	0.4	V
9004	17676.98	57 54N	93 8E	94.6	192.0	1.332	-39.55	53.7	S0409	.04090	7.6851	0.4	A
9005	17695.38	56 0N	93 27E	77.9	191.6	1.810	-21.00	55.5	S0409	.07190	9.2601	0.6	F
9006	17700.98	56 0N	93 27E	77.4	191.4	1.810	-20.65	55.5	S0409	.07190	9.3508	0.6	A
9007	17886.58	42 57N	90 16E	74.9	188.8	2.511	12.95	66.4	S0409	.07190	9.7054	1.2	F
9008	17917.98	40 49N	89 36E	73.7	188.5	2.733	9.80	67.8	S0409	.05410	9.8456	0.4	F
9009	17923.38	40 48N	89 36E	74.1	188.4	2.511	11.20	67.8	S0409	.05410	9.7714	0.4	A
9010	18206.58	20 56N	85 10E	76.3	186.9	3.211	5.95	72.5	S0409	.05410	9.5075	0.6	F
9011	18212.18	20 56N	85 10E	76.7	186.9	3.211	7.00	72.5	S0409	.05410	9.4168	0.6	A
83A 9001	22804.58	69 15N	81 29E	79.2	198.6	1.332	16.50	45.6	S0409	.07190	9.1292	1.0	F
9002	22810.38	69 15N	81 29E	79.2	198.2	1.332	13.65	45.6	S0409	.07190	9.1364	0.8	A
9003	23197.98	42 40N	67 26E	73.0	188.8	2.511	-9.80	66.2	S0409	.05410	9.9198	0.8	F
9004	23203.18	42 39N	67 27E	72.8	188.7	2.733	-9.10	66.2	S0409	.05410	9.9610	1.0	A
9005	23244.98	39 43N	67 2E	71.7	188.3	2.733	4.55	66.4	S0409	.07190	10.2249	0.6	V
9006	23248.18	39 16N	65 58E	72.3	188.3	2.733	5.25	66.7	S0409	.07190	10.0455	0.6	F
9007	23258.78	38 51N	65 56E	78.4	188.2	2.511	-26.60	66.5	S0409	.05410	9.5343	0.6	V
9008	23261.78	38 51N	65 55E	79.2	188.2	2.733	-26.60	66.5	S0409	.05410	9.1594	0.4	A
9009	23276.38	37 14N	67 17E	88.0	188.1	2.385	31.85	70.4	S0409	.04090	8.2768	0.4	F
9010	23279.38	37 15N	67 16E	86.3	188.1	2.170	31.85	70.4	S0409	.04090	8.4434	0.6	V
9011	23284.78	36 41N	66 60E	84.0	188.0	2.385	27.65	70.6	S0409	.04090	8.6564	0.6	F
9012	23287.78	36 41N	66 60E	83.4	188.0	2.385	28.00	70.6	S0409	.04090	8.8066	0.6	V
9013	23400.38	29 47N	64 54E	78.0	187.3	2.872	17.85	73.3	S0409	.05410	9.3343	0.4	F
9014	23405.98	29 47N	64 54E	78.5	187.3	2.733	18.90	73.3	S0409	.05410	9.1941	0.4	A
839 9001	28280.78	58 35N	50 0E	81.1	192.2	1.687	-25.90	55.3	S0409	.07190	9.9550	0.6	A
9002	28308.78	56 22N	50 6E	72.6	191.6	2.033	-1.75	55.4	S0409	.07190	10.0830	0.4	V
9003	28315.38	55 49N	49 8E	77.4	191.5	1.810	-20.30	55.6	S0409	.07190	9.3261	0.4	F
9004	28318.18	55 49N	49 8E	76.3	191.4	1.810	-19.95	55.6	S0409	.07190	9.5982	0.4	V

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
839 9005	28322.38	55 40N	49 7E	76.9	191.3	2.033	-19.25	55.9	S0409	.07190	9.4415	0.6	A
9006	28337.39	54 10N	49 30E	73.8	191.0	2.170	5.25	57.3	S0409	.07190	9.8208	0.4	F
9007	28342.58	54 14N	49 30E	73.9	190.9	2.170	5.95	57.3	S0409	.07190	9.8126	1.0	A
9008	28349.38	53 42N	49 26E	75.6	190.8	2.170	12.60	58.1	S0409	.07190	9.5982	0.6	F
9009	28356.78	52 59N	49 49E	81.9	190.7	2.033	25.90	58.6	S0409	.07190	8.9653	0.6	V
9010	28359.78	52 59N	49 49E	82.9	190.6	1.810	26.25	58.6	S0409	.05410	8.7406	0.6	A
9011	28372.58	51 50N	48 34E	73.5	190.4	2.170	4.90	59.4	S0409	.07190	9.8706	0.6	F
9012	28377.78	51 50N	48 34E	73.5	190.3	2.170	5.60	59.4	S0409	.07190	9.8621	0.6	A
9013	28412.38	49 11N	46 53E	75.7	189.8	2.170	-18.20	61.3	S0409	.07190	9.5497	0.6	F
9014	28417.98	49 11N	46 52E	75.6	189.8	2.385	-18.20	61.3	S0409	.07190	9.6054	0.4	A
9015	28424.98	48 21N	46 17E	80.8	189.7	2.033	-27.65	61.9	S0409	.05410	8.9385	1.0	F
9016	28430.78	48 21N	46 17E	80.9	189.6	2.170	-26.95	61.9	S0409	.07190	9.0540	1.0	A
9017	28447.98	43 19N	45 19E	74.1	188.8	2.511	-15.05	65.8	S0409	.04090	9.7549	0.6	F
9018	28503.58	43 10N	45 19E	73.8	188.8	2.511	-14.00	65.8	S0409	.04090	9.8291	0.6	A
9019	28509.18	42 59N	44 46E	80.2	188.7	2.385	-29.35	65.8	S0409	.05410	9.0622	0.6	A
9020	28515.98	42 0N	44 42E	77.6	188.7	2.385	-24.15	66.5	S0409	.07190	9.3096	0.4	F
9021	28521.38	41 43N	44 54E	73.9	188.6	2.511	-14.70	66.9	S0409	.04090	9.7479	0.8	F
9022	28526.58	41 43N	44 54E	73.7	188.6	2.733	-14.35	66.9	S0409	.04090	9.8456	1.0	A
9023	28532.18	40 59N	44 24E	77.7	188.5	2.511	-25.20	67.2	S0409	.05410	9.2949	0.4	F
9024	28534.98	40 59N	44 24E	76.6	188.5	2.511	-24.85	67.2	S0409	.07190	9.5652	0.4	V
9025	28541.78	40 10N	44 38E	72.6	188.4	2.733	-11.90	67.8	S0409	.07190	9.9693	0.4	F
9026	28546.98	40 10N	44 33E	72.5	188.4	2.733	-11.20	67.9	S0409	.07190	10.0105	0.4	A
9027	28549.58	40 0N	44 35E	72.7	188.4	2.733	-11.55	68.0	S0409	.07190	9.9838	0.6	A
9028	28561.38	39 10N	45 27E	82.5	188.3	2.385	26.60	69.1	S0409	.05410	8.7571	0.6	A
9029	28597.78	36 54N	44 21E	73.8	188.0	2.733	11.55	70.4	S0409	.04090	9.9445	0.6	V
9030	28607.58	35 40N	43 0E	79.5	187.9	2.511	-26.25	70.1	S0409	.05410	9.0787	0.6	F
9031	28613.18	35 49N	43 8E	79.2	187.9	2.733	-25.90	70.1	S0409	.05410	9.1777	1.0	A
9032	28621.98	34 45N	43 38E	72.8	187.8	2.872	0.00	71.1	S0409	.07190	9.9610	0.6	F
9033	28627.18	34 45N	43 38E	72.9	187.8	2.872	0.70	71.1	S0409	.07190	9.9363	0.6	A
9034	28637.18	33 56N	44 2E	81.6	187.7	2.733	23.80	72.0	S0409	.05410	8.9168	0.6	F
9035	28642.98	33 57N	44 2E	82.8	187.7	2.511	24.85	72.0	S0409	.05410	8.7418	0.6	A
9036	28662.98	32 47N	41 40E	89.9	187.6	2.733	-38.15	71.2	S0409	.03090	8.0809	0.6	A
9037	28905.78	15 20N	39 5E	83.8	186.7	3.211	-28.00	69.5	S0409	.05410	8.7159	0.6	V
9038	28908.98	15 20N	39 5E	84.7	186.6	3.211	-27.65	69.5	S0409	.05410	8.5510	0.6	A
9039	28904.38	9 0N	38 30E	78.9	186.5	3.439	-7.00	66.0	S0409	.05410	9.1529	0.6	F
9040	28909.98	9 0N	38 30E	79.0	186.5	3.439	-5.35	66.0	S0409	.05410	9.1199	0.8	A
9041	29121.18	0 42N	36 40E	87.2	186.4	3.439	-19.60	59.1	S0409	.05410	8.2376	1.0	F
9042	29127.38	0 40N	36 57E	84.2	186.4	3.574	-7.00	59.3	S0409	.05410	8.5427	1.0	A
9043	29499.38	25 55S	32 13E	104.0	187.1	3.211	-8.40	56.0	S0409	.07190	6.8605	0.6	F
9044	29505.78	26 0S	32 20E	103.9	187.1	3.211	-2.10	55.7	S0409	.07190	6.8648	0.6	F
9045	29511.18	25 52S	32 33E	105.3	187.1	3.090	4.55	55.9	S0409	.05410	6.7286	0.6	A
9046	29533.78	27 50S	32 29E	104.8	187.2	2.872	12.95	54.0	S0409	.05410	6.5059	0.8	F
9047	29537.78	27 50S	32 26E	104.0	187.3	2.872	13.30	54.0	S0409	.05410	6.5967	0.6	V
840 9001	33449.18	67 20N	34 14E	76.2	196.9	1.332	-7.00	45.3	S0409	.05410	9.4824	0.4	F
9002	33454.58	67 24N	34 14E	76.0	196.7	1.332	-6.65	45.3	S0409	.05410	9.5322	0.6	A
9003	33460.98	66 52N	34 6E	75.9	196.4	1.475	2.45	46.2	S0409	.09670	9.5322	0.4	F
9004	33466.38	66 50N	34 7E	75.8	196.1	1.475	3.15	46.2	S0409	.09670	9.5570	0.4	A
9005	33561.18	59 40N	30 10E	76.0	192.9	1.810	10.85	52.4	S0409	.07190	9.5487	0.4	F
9006	33566.58	59 40N	30 10E	76.1	192.7	1.810	11.55	52.4	S0409	.07190	9.5240	0.8	A
9007	33720.18	49 0N	25 45E	75.0	189.8	2.385	12.60	61.8	S0409	.07190	9.6807	0.4	F
9008	33727.57	48 54N	25 3E	72.4	189.7	2.385	-1.75	62.0	S0409	.07190	10.0023	1.0	F
9009	33732.78	48 54N	25 8E	72.4	189.7	2.385	-1.05	62.0	S0409	.07190	10.0023	1.0	A
9010	33768.97	46 45N	24 24E	72.5	189.2	2.511	2.45	64.2	S0409	.07190	10.0105	0.6	F
9011	33774.18	46 45N	24 24E	72.5	189.2	2.511	3.15	64.2	S0409	.07190	9.9940	0.6	A
9012	33817.17	42 20N	23 40E	73.4	188.7	2.511	9.45	66.7	S0409	.07190	9.8951	0.4	F
9013	33822.37	42 20N	23 40E	73.6	188.7	2.511	10.15	66.8	S0409	.07190	9.8436	0.4	A
9014	33837.97	41 0N	22 55E	72.2	188.5	2.733	-3.85	67.5	S0409	.04090	10.0435	0.4	F
9015	33843.17	41 0N	22 56E	72.2	188.5	2.733	-2.80	67.5	S0409	.04090	10.0435	0.4	A
9016	33865.78	39 24N	22 58E	75.2	188.3	2.511	12.95	68.8	S0409	.07190	9.6229	1.4	A
9017	33879.57	38 50N	21 22E	85.9	188.2	2.511	-34.65	68.4	S0409	.03090	8.4767	1.0	A
9018	33967.57	32 0N	20 10E	81.5	187.6	2.733	-28.70	71.5	S0409	.05410	8.8961	0.6	F
9019	33970.57	32 0N	20 10E	80.1	187.6	2.733	-28.00	71.5	S0409	.05410	9.1447	0.8	V
9020	34352.17	5 59N	15 39E	82.7	186.4	3.574	-14.35	63.6	S0409	.05410	8.7159	0.4	A
9021	34431.17	0 0N	15 35E	94.2	186.4	3.090	22.75	59.5	S0409	.05410	7.6769	0.8	F
9022	34547.17	7 50S	13 7E	93.3	186.5	3.439	-18.90	52.1	S0409	.05410	7.6951	1.0	F
9023	34563.17	8 44S	13 19E	89.6	186.5	3.439	-5.60	51.5	S0409	.05410	8.0974	0.8	V
9024	34566.37	8 44S	13 19E	90.8	186.5	3.439	-4.90	51.5	S0409	.05410	7.8830	1.0	A
841 9001	39220.57	35 40N	0 41W	73.7	187.9	2.872	-12.25	70.4	S0409	.07190	9.8202	1.0	F
9002	39225.77	35 40N	0 41W	73.6	187.9	2.872	-11.55	70.4	S0409	.07190	9.8535	1.0	A
9003	39233.37	34 54N	1 18W	79.6	187.8	2.511	-26.95	70.5	S0409	.05410	9.0540	0.4	F
9004	39236.97	34 40N	1 23W	80.2	187.8	2.511	-28.00	70.6	S0409	.05410	8.9962	1.4	F
9005	39242.77	34 39N	1 23W	79.6	187.8	2.733	-27.30	70.6	S0409	.05410	9.1262	1.4	A
843 9001	50317.37	2 39N	50 57W	83.5	186.4	3.439	-1.05	61.2	S0409	.05410	8.6087	1.0	A
9002	50323.57	2 7N	50 52W	84.7	186.4	3.439	5.60	60.9	S0409	.05410	8.4685	1.0	A
844 9001	55712.36	3 40S	73 15W	104.2	186.4	2.385	30.45	56.4	S0409	.05410	8.8440	0.6	0
845 9001	60721.96	16 10N	92 7W	84.3	186.7	2.733	23.80	71.0	S0409	.05410	8.6829	0.6	V
9002	60725.16	16 14N	92 7W	85.7	186.7	2.733	24.15	71.0	S0409	.05410	8.4025	0.6	A
846 5001	65794.56	31 59N	111 36W	72.5	187.6	3.090	4.20	72.2	S0312	.02260	10.0176	0.6	F

Handle via
BYEMAN Channels
BYE-8915/84

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4454 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
846 5002	65799.76	31 09N	111 36W	72.8	187.5	2.872	5.25	72.3	S0312	.02250	9.9581	0.6	A
9001	65794.56	31 09N	111 36W	72.5	187.6	3.090	4.20	72.3	S0409	.05410	10.0187	0.6	F
9002	65799.76	31 09N	111 36W	72.7	187.5	2.872	5.25	72.3	S0409	.05410	9.9693	0.6	A
850 9001	1239.35	9 08S	141 11E	106.1	186.3	3.211	-33.25	49.9	S0409	.04090	6.7206	1.0	F
851 9001	5628.74	53 40N	143 5E	75.0	190.3	2.033	-17.15	57.8	S0409	.09670	9.7796	0.4	V
9002	5631.54	53 39N	143 5E	75.7	190.8	2.033	-16.80	57.8	S0409	.09670	9.5900	0.4	A
9003	5636.14	51 49N	143 11E	73.3	190.3	2.170	-3.50	59.4	S0409	.05410	9.8951	0.6	A
9004	5670.54	50 05N	142 12E	75.0	190.1	2.170	-15.75	60.0	S0409	.05410	9.6807	0.4	A
9005	5680.14	49 40N	142 52E	76.0	190.0	2.385	14.35	61.2	S0409	.05410	9.5487	0.6	F
9006	5685.74	49 40N	142 52E	76.3	189.9	2.170	15.40	61.2	S0409	.05410	9.4992	0.6	A
9007	5690.54	49 40N	142 55E	76.3	189.8	2.170	19.60	61.6	S0409	.05410	9.2519	0.6	A
9008	5692.34	49 40N	142 52E	78.3	189.8	2.170	19.60	61.7	S0409	.07190	9.2319	0.6	A
9009	5744.54	45 27N	141 46E	81.6	189.1	2.170	24.85	64.8	S0409	.05410	8.8498	1.2	A
9010	5793.94	42 08N	139 27E	76.9	188.7	2.511	-22.05	66.6	S0409	.07190	9.4003	1.0	F
9011	5900.34	34 47N	137 43E	77.3	187.8	2.733	-29.40	70.7	S0409	.05410	9.8991	0.8	F
9012	6423.74	0 04S	131 8E	88.7	186.4	3.674	-19.50	85.0	S0409	.05410	8.1139	0.6	A
9013	6517.34	7 20S	131 18E	107.4	186.3	2.733	30.10	82.7	S0409	.05410	8.7206	0.6	F
9014	6523.54	8 08S	131 7E	104.2	186.3	2.733	26.25	82.5	S0409	.05410	7.0997	0.6	V
9015	6529.34	8 14S	130 51E	97.5	186.3	2.872	18.90	82.3	S0409	.04090	7.3141	0.8	A
852 9001	10937.54	53 49N	120 06E	76.8	190.3	2.033	-19.95	57.5	S0409	.05410	9.4588	0.6	A
9002	11000.74	48 30N	118 41E	73.9	188.9	2.511	10.15	66.0	S0409	.05410	9.8291	0.4	F
9003	11009.94	48 20N	117 43E	74.8	188.3	2.511	-19.95	65.7	S0409	.07190	9.7219	0.4	A
9004	11129.34	40 10N	114 11E	80.4	186.4	2.511	24.10	66.5	S0409	.05410	9.0475	0.6	F
9005	11131.34	40 10N	114 11E	79.7	186.4	2.511	23.45	66.5	S0409	.05410	9.2271	0.4	V
9006	11134.54	39 48N	113 3E	79.1	186.4	2.511	21.35	66.7	S0409	.05410	9.2106	0.4	F
9007	11137.34	39 49N	113 1E	78.4	186.4	2.511	21.70	66.7	S0409	.05410	9.1756	0.4	V
9008	11145.54	39 0N	117 11E	72.4	189.5	2.872	-2.10	68.7	S0409	.05410	10.0147	0.6	F
9009	11150.94	38 0N	117 10E	72.5	189.2	2.872	-1.40	68.8	S0409	.05410	10.0023	0.6	A
9010	11155.94	38 40N	116 56E	72.5	188.2	2.872	-4.55	69.1	S0409	.05410	9.9948	0.6	F
9011	11161.14	38 20N	116 57E	72.6	188.2	2.872	-3.50	69.1	S0409	.05410	10.0023	0.6	A
9012	11170.34	37 49N	116 14E	76.8	186.1	2.733	-21.70	69.4	S0409	.05410	9.8158	0.4	F
9013	11183.74	36 40N	116 57E	74.1	188.0	2.733	11.90	70.3	S0409	.07190	9.8951	0.4	V
9014	11193.94	35 50N	116 56E	74.2	188.0	2.733	11.90	70.4	S0409	.07190	9.8951	0.6	V
9015	11198.14	35 30N	116 45E	73.4	188.0	2.733	5.55	70.5	S0409	.07190	9.8821	0.4	A
9016	11208.74	34 50N	116 56E	74.9	187.5	2.385	36.40	73.8	S0409	.05410	9.8480	0.4	V
9017	11302.14	29 09N	116 54E	75.7	187.5	2.170	37.10	73.9	S0409	.05410	9.5467	0.4	A
9018	11319.14	27 7N	114 54E	78.2	187.2	3.090	16.10	73.5	S0409	.05410	9.4951	0.6	F
9019	11323.14	26 52N	114 51E	77.0	187.2	3.090	14.50	73.4	S0409	.05410	9.4815	0.4	F
9020	11328.74	26 52N	114 44E	76.0	187.2	3.090	10.15	73.3	S0409	.05410	9.5075	0.6	A
9021	11337.14	26 54N	114 55E	82.8	187.1	2.872	23.45	73.7	S0409	.04090	8.7901	0.6	F
9022	11346.54	25 49N	115 55E	75.2	187.1	3.211	-12.25	72.9	S0409	.07190	9.6147	0.4	F
9023	11351.34	25 19N	115 55E	75.1	187.1	3.211	-11.20	72.9	S0409	.07190	9.6494	0.4	A
9024	11357.54	24 58N	115 50E	74.8	187.1	3.211	-9.10	72.9	S0409	.07190	9.6407	0.6	F
9025	11360.94	24 48N	115 48E	73.6	187.0	3.211	-8.05	72.9	S0409	.07190	9.9528	0.6	V
9026	11366.74	24 19N	115 35E	76.3	187.0	3.211	-16.45	72.7	S0409	.05410	9.4392	0.4	A
9027	11376.54	23 10N	115 27E	76.1	187.0	3.211	-15.05	72.6	S0409	.05410	9.4392	1.0	S
9028	11378.54	23 7N	115 25E	76.4	187.0	3.211	-15.05	72.5	S0409	.05410	9.4498	0.6	F
9029	11384.14	23 0N	115 25E	76.3	187.0	3.211	-14.00	72.6	S0409	.07190	9.4118	0.6	A
9030	11390.14	22 40N	115 14E	77.4	186.9	3.211	-14.20	72.4	S0409	.05410	9.4178	0.4	A
9031	11401.94	21 55N	115 11E	76.7	186.9	3.439	-14.55	72.3	S0409	.05410	9.4495	0.6	A
9032	11713.14	0 1N	109 20E	86.1	186.4	3.674	-13.30	58.9	S0409	.05410	8.3613	0.6	F
9033	11716.54	0 0N	109 20E	86.0	186.4	3.674	-12.25	58.9	S0409	.07190	8.5474	0.6	V
9034	11719.54	0 4N	109 21E	86.0	186.4	3.674	-11.55	58.9	S0409	.07190	8.3595	0.6	A
9035	11808.54	6 09S	107 40E	100.7	186.5	3.211	-30.60	55.0	S0409	.04090	7.0997	0.6	F
9036	11813.74	6 24S	107 33E	102.4	186.5	3.211	-32.20	52.6	S0409	.05410	8.9760	0.6	F
9037	11818.54	6 37S	107 26E	98.0	186.5	3.439	-29.05	52.6	S0409	.05410	7.4130	0.6	V
9038	11822.14	6 47S	107 20E	99.4	186.5	3.439	-29.05	52.6	S0409	.05410	7.2598	0.6	A
9039	11824.74	7 0S	107 34E	100.2	186.5	3.439	-29.40	52.5	S0409	.05410	7.1821	1.0	A
853 9001	16204.34	56 17N	101 31E	79.8	191.6	2.033	22.40	55.7	S0409	.05410	9.1359	0.4	V
9002	16207.34	56 17N	101 31E	81.0	191.5	1.810	23.10	55.7	S0409	.05410	8.9585	0.4	A
9003	16624.34	27 47N	92 9E	75.6	187.2	3.090	-15.05	72.8	S0409	.05410	9.5552	1.0	F
9004	16629.74	27 47N	92 8E	75.5	187.2	3.090	-14.35	72.8	S0409	.07190	9.6064	1.0	A
9005	16651.34	25 50N	91 53E	74.1	187.1	3.211	-10.85	72.9	S0409	.07190	9.7541	0.4	F
9006	16656.54	25 30N	91 53E	74.0	187.1	3.211	-9.80	72.9	S0409	.07190	9.7879	0.6	A
9007	16697.34	22 20N	91 49E	78.1	186.9	3.090	12.60	73.0	S0409	.07190	9.3013	0.6	F
854 9001	21321.54	69 20N	80 12E	77.7	196.2	1.113	-11.20	43.4	S0409	.05410	9.3178	0.4	A
9002	21549.53	52 19N	76 58E	73.1	190.5	2.385	1.75	59.0	S0409	.07190	9.9933	0.6	F
9003	21575.13	52 17N	77 4E	73.6	190.4	2.170	5.60	59.1	S0409	.07190	9.8539	0.6	A
9004	21653.53	46 00N	74 31E	74.7	189.4	2.385	-16.45	63.4	S0409	.05410	9.6389	0.8	F
9005	21658.93	46 00N	74 31E	74.4	189.3	2.385	-15.75	63.4	S0409	.05410	9.7549	0.6	A
9006	21668.33	45 50N	73 32E	87.0	189.2	2.033	-36.40	63.7	S0409	.05410	8.4190	0.6	V
9007	21671.53	45 50N	73 31E	86.1	189.2	2.033	-36.40	63.7	S0409	.05410	8.2541	0.6	A
9008	21695.13	43 50N	73 13E	87.2	188.9	2.385	31.50	66.3	S0409	.04090	8.3561	0.6	F
9009	21698.33	43 20N	73 57E	82.7	188.9	2.385	26.95	66.4	S0409	.05410	8.8066	0.4	F
9010	21708.93	42 50N	73 51E	72.0	188.8	2.733	-2.50	66.3	S0409	.05410	10.0682	0.8	F
9011	21713.93	42 49N	73 51E	72.0	188.7	2.733	-2.80	66.3	S0409	.05410	10.0763	1.0	A
9012	21822.33	38 44N	71 32E	74.6	187.5	2.733	-14.95	70.5	S0409	.07190	9.8373	1.0	V

Handle via
BYEMAN Channels
BYE-8915/84

Approved for Release: 2021/01/22 C05132886

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
854 9013	21827.93	35 5N	71 21E	77.9	187.8	2.733	-24.15	70.5	S0409	.05410	9.3261	0.8	A
9014	21836.73	34 4N	71 33E	73.2	187.7	2.872	-9.45	71.3	S0409	.07190	9.8868	0.4	F
9015	21841.93	34 2N	71 33E	73.2	187.7	2.872	-8.75	71.3	S0409	.07190	9.9115	0.6	A
9016	21859.93	32 24N	71 27E	73.1	187.6	3.090	0.35	72.0	S0409	.05410	9.9198	0.4	F
9017	21865.33	32 24N	71 27E	73.3	187.5	2.672	1.75	72.1	S0409	.05410	9.8786	0.4	A
9018	21895.13	30 1N	70 35E	74.8	187.4	3.090	-13.65	72.4	S0409	.05410	9.6724	0.8	F
9019	21900.53	30 1N	70 36E	74.6	187.4	3.090	-12.60	72.5	S0409	.05410	9.7219	0.8	A
855 9001	26648.73	67 30N	64 7E	79.6	197.2	1.475	15.75	45.3	S0409	.05410	9.0869	1.2	F
9002	26657.33	67 7N	62 39E	75.8	196.7	1.475	-1.75	45.7	S0409	.05410	9.5322	0.8	F
9003	26662.73	67 7N	62 39E	75.7	196.6	1.475	-1.50	45.7	S0409	.05410	9.5652	0.4	A
9004	26772.13	59 31N	56 56E	78.4	192.7	1.607	-20.65	52.6	S0409	.05410	9.2106	0.6	F
9005	26777.73	59 31N	56 56E	78.1	192.6	1.810	-20.30	52.6	S0409	.05410	9.2931	0.8	A
9006	26793.53	58 2N	56 35E	75.3	192.2	1.810	-13.30	53.9	S0409	.07190	9.5908	0.6	F
9007	26798.93	58 2N	56 35E	75.1	192.1	1.810	-12.95	54.0	S0409	.07190	9.6477	0.6	A
9008	26805.93	57 16N	56 59E	73.2	191.9	2.033	4.55	54.7	S0409	.07190	10.0105	0.4	V
9009	26808.73	57 17N	56 59E	74.1	191.8	2.033	4.90	54.7	S0409	.07190	9.7796	0.4	A
9010	26836.93	55 1N	56 5E	74.2	191.5	2.170	6.65	56.7	S0409	.07190	9.7796	0.6	F
9011	26842.33	55 0N	56 5E	74.2	191.2	2.033	7.35	56.7	S0409	.07190	9.7691	0.6	A
9012	26847.53	54 41N	55 37E	73.2	191.1	2.170	-1.75	57.0	S0409	.07190	9.9115	0.6	A
9013	26857.73	53 56N	55 32E	74.0	190.9	2.170	7.00	58.0	S0409	.07190	9.8043	0.4	F
9014	26863.13	53 55N	55 32E	74.1	190.8	2.170	7.70	58.0	S0409	.07190	9.7796	0.8	A
9015	26884.33	51 46N	55 2E	75.5	190.4	2.170	12.60	59.6	S0409	.07190	9.6229	1.2	F
9016	26890.53	51 42N	54 43E	74.1	190.3	2.385	7.70	59.9	S0409	.07190	9.7879	0.4	F
9017	26895.93	51 41N	54 44E	74.2	190.2	2.170	8.75	59.9	S0409	.07190	9.7631	0.4	A
9018	26934.93	48 10N	53 54E	75.8	189.7	2.385	14.00	62.4	S0409	.07190	9.5817	0.6	F
9019	26940.33	48 10N	53 54E	75.1	189.6	2.170	15.05	62.4	S0409	.07190	9.5280	0.6	A
9020	26941.73	45 24N	51 54E	75.6	189.1	2.385	-20.65	64.3	S0409	.07190	9.7054	0.6	V
9021	26945.13	45 22N	51 51E	76.9	189.1	2.385	-21.70	64.3	S0409	.07190	9.6498	0.6	A
9022	27007.13	43 41N	51 10E	79.9	188.9	2.385	-28.35	65.4	S0409	.04090	9.1777	0.6	V
9023	27010.13	43 41N	51 9E	81.1	188.8	2.385	-28.70	65.4	S0409	.05410	8.9653	0.4	A
9024	27054.73	40 20N	50 13E	82.9	188.4	2.385	-32.20	67.5	S0409	.04090	8.8396	0.6	V
9025	27057.73	40 20N	50 13E	83.6	188.4	2.385	-31.85	67.5	S0409	.04090	8.6911	0.6	A
9026	27097.13	37 10N	49 38E	81.0	188.1	2.511	-28.35	69.3	S0409	.05410	8.9055	0.8	F
9027	27101.93	37 22N	49 38E	80.4	188.0	2.733	-28.55	69.3	S0409	.05410	8.9462	1.0	A
9028	27197.93	30 41N	48 17E	78.6	187.4	2.872	-25.45	72.2	S0409	.07190	9.1777	0.4	F
9029	27201.93	30 49N	48 10E	81.0	187.4	2.872	-27.50	72.0	S0409	.05410	8.9653	0.8	A
9030	27211.53	29 40N	48 0E	80.5	187.4	2.733	-26.25	72.3	S0409	.05410	8.9653	1.4	F
9031	27217.33	29 40N	48 1E	79.9	187.3	2.872	-25.20	72.3	S0409	.05410	9.0469	0.8	A
9032	27219.53	29 15N	47 59E	79.9	187.3	2.872	-25.20	72.3	S0409	.05410	9.0869	0.8	A
9033	27228.93	29 0N	48 37E	75.2	187.3	3.090	7.70	73.2	S0409	.07190	9.6477	1.2	F
9034	27235.53	27 55N	48 23E	73.2	187.3	3.090	0.70	73.1	S0409	.07190	10.0105	0.8	V
9035	27242.73	27 39N	48 37E	78.2	187.2	2.872	15.75	73.5	S0409	.05410	9.2766	1.4	F
9036	27250.33	27 0N	48 44E	81.6	187.2	2.733	21.70	73.6	S0409	.05410	8.8478	1.4	A
9037	27434.33	14 0N	45 34E	77.2	186.6	3.439	-4.85	69.1	S0409	.04090	9.3571	1.0	F
9038	27439.93	13 60N	45 36E	77.3	186.6	3.439	-5.60	69.1	S0409	.05410	9.3426	0.8	A
9039	27449.53	13 39N	45 23E	77.9	186.6	3.439	-8.75	68.6	S0409	.05410	9.3838	0.6	V
9040	27452.53	13 0N	45 23E	78.9	186.5	3.439	-8.05	68.6	S0409	.05410	9.1529	0.4	A
9041	27486.13	10 20N	44 59E	79.6	186.5	3.439	-5.60	66.9	S0409	.04090	9.0705	0.4	F
9042	27488.93	10 20N	44 59E	78.8	186.5	3.439	-4.90	66.9	S0409	.04090	9.2766	0.6	V
9043	27495.33	9 57N	45 13E	79.9	186.5	3.211	8.40	66.8	S0409	.05410	9.1447	1.0	V
9044	27503.73	9 35N	45 33E	90.0	186.5	2.733	24.85	66.9	S0409	.03090	7.9655	0.6	A
9045	27539.13	6 46N	44 14E	81.2	186.5	3.439	-8.75	64.3	S0409	.05410	8.8830	0.6	F
9046	27542.13	6 40N	44 16E	80.3	186.5	3.439	-8.40	64.3	S0409	.05410	9.0869	0.6	V
9047	27545.13	6 46S	44 16E	81.5	186.5	3.439	-7.70	64.3	S0409	.05410	8.8396	0.8	A
9048	27646.13	0 20S	42 34E	91.6	186.4	3.439	-25.90	58.3	S0409	.05410	7.9490	0.8	V
9049	27649.53	0 20S	42 34E	92.6	186.4	3.439	-25.55	58.3	S0409	.05410	7.7841	0.6	A
9050	27826.33	12 27S	40 31E	97.4	186.0	3.439	-18.90	47.4	S0409	.04090	7.3553	1.0	F
9051	27833.33	12 56S	40 30E	97.8	186.0	3.574	-18.90	47.4	S0409	.07190	7.3223	0.8	A
9052	27869.53	14 34S	40 50E	95.4	185.9	3.439	2.10	46.2	S0409	.05410	7.5202	1.2	F
9053	27855.53	14 60S	40 39E	95.3	186.0	3.439	-1.40	45.8	S0409	.05410	7.5285	0.4	F
9054	27859.13	15 1S	40 45E	94.8	186.0	3.211	2.45	45.9	S0409	.07190	7.6857	0.6	V
9055	27862.53	14 60S	40 41E	95.9	186.0	3.439	0.70	45.9	S0409	.05410	7.4295	1.0	A
856 9001	31957.93	67 42N	40 59E	75.0	197.0	1.332	-2.45	45.1	S0409	.07190	9.7651	0.4	V
9002	31960.73	67 42N	40 59E	75.8	196.9	1.332	-2.10	45.1	S0409	.07190	9.5570	0.4	A
9003	32000.53	64 56N	39 26E	77.6	195.2	1.687	12.60	48.1	S0409	.07190	9.3343	0.6	F
9004	32005.33	64 56N	39 51E	80.9	195.0	1.475	20.30	48.1	S0409	.07190	8.9968	0.8	A
9005	32100.93	57 55N	35 4E	73.9	192.2	2.033	1.75	54.2	S0409	.07190	9.8043	0.6	F
9006	32104.13	57 56N	35 4E	73.8	192.0	2.033	2.45	54.2	S0409	.07190	9.8126	0.8	A
9007	32124.93	56 17N	34 25E	73.8	191.6	2.033	4.20	55.6	S0409	.07190	9.8126	0.6	F
9008	32130.33	56 17N	34 25E	73.9	191.5	2.033	4.90	55.6	S0409	.07190	9.8043	0.6	A
9009	32143.33	55 0N	33 15E	74.7	191.3	2.033	-13.30	56.5	S0409	.07190	9.6907	0.4	F
9010	32146.13	55 0N	33 15E	73.7	191.2	2.033	-12.95	56.5	S0409	.07190	9.9445	0.4	V
9011	32156.33	54 11N	33 15E	73.1	191.0	2.170	-3.85	57.4	S0409	.07190	9.9083	0.6	F
9012	32161.53	54 11N	33 15E	73.0	190.9	2.170	-3.15	57.4	S0409	.07190	9.9288	0.6	A
9013	32208.33	50 0N	32 19E	73.7	190.2	2.385	7.00	60.5	S0409	.07190	9.8471	0.8	F
9014	32213.53	50 0N	32 20E	73.9	190.1	2.170	8.05	60.5	S0409	.07190	9.8043	0.8	A
9015	32219.93	49 40N	32 8E	74.3	190.0	2.385	9.45	61.2	S0409	.07190	9.7714	1.0	F
9016	32225.33	49 40N	32 9E	74.5	189.9	2.170	10.50	61.2	S0409	.07190	9.7301	0.8	A
9017	32230.73	49 15N	31 52E	72.8	189.8	2.385	7.35	61.6	S0409	.07190	10.0765	0.6	V
9018	32239.13	48 54N	30 57E	74.2	189.7	2.385	-14.35	61.9	S0409	.07190	9.7549	0.4	F
9019	32243.53	48 27N	30 59E	72.7	189.7	2.385	-11.90	62.0	S0409	.07190	10.0447	0.4	V
9020	32247.53	47 59N	30 53E	73.3	189.6	2.385	-10.50	62.4	S0409	.07190	9.8766	0.6	F
9021	32252.73	47 59N	30 53E	73.1	189.5	2.385	-9.80	62.4	S0409	.07190	9.9194	0.6	A
9022	32259.13	47 31N	30 44E	72.6	189.5	2.385	-5.60	63.1	S0409	.07190	9.9774	0.8	F

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
856 9023	32264.53	46 30N	30 57E	73.1	189.4	2.511	4.55	63.6	S0409	.07190	9.9363	1.0	F
9024	32272.33	46 30N	30 56E	73.1	189.3	2.385	5.25	63.7	S0409	.07190	9.9065	0.4	A
9025	32279.53	46 15N	30 23E	73.0	189.2	2.511	-5.10	63.8	S0409	.07190	9.9363	1.4	A
9026	32287.13	45 16N	30 13E	72.6	189.1	2.511	-6.30	64.5	S0409	.07190	9.9775	0.4	F
9027	32294.73	45 1ON	29 41E	76.9	189.1	2.385	-21.70	64.4	S0409	.07190	9.4415	0.4	A
9028	32304.13	44 24N	28 43E	92.2	189.0	2.033	-40.60	64.6	S0409	.05410	7.9408	0.4	V
9029	32307.33	44 20N	28 43E	92.6	188.9	2.033	-40.25	64.6	S0409	.05410	7.8253	0.6	A
9030	32350.33	40 47N	30 1E	83.1	188.5	2.385	26.60	68.2	S0409	.05410	8.7371	0.8	F
9031	32356.33	40 47N	30 0E	83.5	188.5	2.170	27.30	68.2	S0409	.05410	8.6334	0.4	A
9032	32364.13	40 16N	29 33E	77.3	188.4	2.511	17.85	68.3	S0409	.07190	9.3426	0.6	A
9033	32493.73	31 20N	27 15E	75.4	187.5	2.872	10.85	72.6	S0409	.07190	9.5817	1.6	A
857 9001	37429.53	56 42N	12 53E	76.6	191.7	2.033	14.35	55.3	S0409	.07190	9.4586	0.6	A
9002	37435.73	56 16N	12 53E	78.5	191.5	1.810	14.90	55.7	S0409	.07190	9.2271	0.6	A
9003	37464.73	53 00N	11 16E	73.3	191.0	2.170	1.40	57.6	S0409	.09670	9.8351	0.6	F
9004	37469.93	54 0N	11 16E	73.3	190.9	2.170	2.10	57.6	S0409	.09670	9.8951	0.6	A
9005	37509.33	50 57N	10 41E	76.9	190.2	2.170	16.80	60.3	S0409	.07190	9.4588	0.8	F
9006	37513.73	50 50N	10 41E	77.2	190.2	2.170	17.50	60.3	S0409	.07190	9.5858	0.6	A
9007	37626.33	43 3N	6 27E	88.6	188.4	2.033	-36.75	65.7	S0409	.03090	8.1587	0.4	F
9008	37632.53	43 0N	6 28E	87.7	188.7	2.170	-36.05	65.7	S0409	.03090	8.2708	0.6	A
9009	37715.93	36 50N	5 47E	73.8	188.0	2.733	-12.60	69.9	S0409	.07190	9.8426	0.6	F
9010	37721.33	36 50N	5 46E	73.6	188.0	2.872	-11.90	69.9	S0409	.07190	9.9456	0.6	A
859 9001	48877.92	1 10S	45 42W	87.3	186.4	3.574	-15.05	57.7	S0409	.05410	8.2294	0.8	F
9002	48884.32	1 10S	46 0W	92.6	186.4	3.574	-25.20	57.6	S0409	.05410	7.7758	1.0	A
9003	48973.92	7 17S	47 27W	106.7	186.5	3.439	-38.75	52.2	S0409	.05410	6.7451	1.0	A
9004	49027.32	11 36S	46 51W	94.6	186.5	3.211	10.15	49.1	S0409	.05410	7.6027	0.6	F
9005	49036.12	11 37S	47 44W	97.0	186.6	3.574	-28.65	48.6	S0409	.05410	7.3583	1.0	A
9006	49047.32	12 0uS	46 50W	99.4	186.6	3.090	17.15	47.9	S0409	.05410	7.2398	1.0	F
9007	49054.32	12 0uS	46 49W	104.3	186.6	2.872	23.10	47.8	S0409	.05410	6.8111	1.0	A
9008	49062.32	13 46S	46 52W	102.8	186.6	2.733	22.40	47.3	S0409	.05410	7.0419	0.6	V
9009	49067.32	14 9S	46 42W	109.3	186.6	2.511	28.70	47.0	S0409	.05410	6.6049	1.0	V
9010	49073.92	14 26S	46 53W	107.1	186.6	2.511	25.20	46.8	S0409	.05410	6.6214	0.8	A
9011	49084.72	15 43S	47 56W	94.9	186.7	3.439	-2.10	45.1	S0409	.07190	7.5552	0.6	F
9012	49092.12	15 43S	47 57W	94.8	186.7	3.439	-2.45	45.1	S0409	.07190	7.6686	0.4	V
9013	49096.92	16 0uS	47 54W	95.6	186.7	3.439	0.35	45.1	S0409	.05410	7.4542	0.8	A
9014	49106.12	16 26S	48 56W	107.4	186.7	3.574	-20.10	44.1	S0409	.04090	5.6791	0.8	A
9015	49126.72	17 44S	44 45W	99.7	186.7	3.574	-16.45	46.1	S0409	.05410	7.1574	1.0	A
9016	49140.92	18 0uS	49 28W	109.6	186.8	3.211	-30.50	41.7	S0409	.05410	6.5884	1.0	V
9017	49155.12	20 10S	49 11W	101.2	186.8	3.439	-16.10	40.7	S0409	.05410	7.0302	1.0	F
9018	49165.92	20 57S	49 43W	109.1	186.9	3.211	-27.40	39.9	S0409	.05410	6.5224	1.0	F
9019	49173.92	21 16S	49 56W	112.1	186.9	3.211	-31.15	39.6	S0409	.05410	6.4317	1.0	V
9020	49184.72	22 19S	49 3W	100.5	186.9	3.211	1.05	39.1	S0409	.07190	7.1079	1.0	F
9021	49194.12	22 36S	50 6W	113.1	187.0	3.211	-28.00	38.4	S0409	.05410	6.5557	0.8	V
9022	49198.72	22 0uS	49 54W	105.0	187.0	3.439	-21.00	38.2	S0409	.05410	6.8688	1.0	V
9023	49204.12	23 2S	49 56W	106.4	187.0	3.439	-20.65	38.1	S0409	.05410	6.6996	1.0	A
9024	49226.12	25 5S	50 8W	105.0	187.1	3.211	-15.40	36.2	S0409	.05410	6.7863	0.4	F
9025	49234.72	25 9S	50 7W	104.9	187.1	3.439	-14.00	36.2	S0409	.05410	6.7761	1.2	A
9026	49259.72	26 46S	50 58W	113.5	187.2	3.439	-26.25	34.5	S0409	.05410	6.2751	1.2	A
9027	49284.32	28 29S	50 55W	108.8	187.3	3.211	-16.45	33.0	S0409	.07190	6.5307	1.0	A
860 9001	54016.72	10 19N	65 49W	80.4	186.5	3.439	-11.40	66.6	S0409	.05410	8.0767	1.0	V
9002	54034.92	8 16N	65 59W	81.6	186.5	3.574	-14.70	65.9	S0409	.05410	8.8496	1.0	A
9003	54057.92	7 4N	66 9W	81.4	186.5	3.574	-10.15	64.9	S0409	.05410	8.6478	1.0	A
9004	54137.52	1 2ON	67 2W	82.8	186.4	3.439	-6.30	60.6	S0409	.05410	8.7301	1.0	V
9005	54170.32	0 7S	66 59W	87.9	186.4	3.211	11.20	59.1	S0409	.05410	8.1469	1.0	A
9006	54424.52	17 57S	70 15W	97.5	186.7	3.211	3.35	43.2	S0409	.04090	7.3470	2.0	F
9007	54429.52	18 16S	70 20W	93.0	186.7	3.211	3.50	42.8	S0409	.05410	7.3141	1.0	F
9008	54438.52	19 26S	70 19W	99.1	186.8	3.211	5.60	42.7	S0409	.05410	7.1821	1.2	A
861 9001	59264.51	14 7N	87 11W	77.9	186.8	3.439	-14.00	69.0	S0409	.05410	9.3838	0.4	V
9002	59267.31	14 7N	87 11W	78.8	186.8	3.439	-13.65	69.0	S0409	.05410	9.1594	0.8	A
862 9001	64348.31	26 16N	107 11W	77.2	187.2	3.090	-21.35	72.7	S0409	.05410	9.3673	0.8	F
9002	64402.91	25 40N	107 30W	80.4	187.1	2.872	-25.20	72.5	S0409	.05410	8.9863	0.6	F
9003	64409.91	25 9N	107 20W	76.6	187.1	3.090	-17.50	72.7	S0409	.05410	9.4663	1.0	A
863 9001	70399.31	22 10S	138 44W	119.6	186.9	3.211	-36.40	38.6	S0409	.04090	6.0559	1.0	V
9002	70403.71	22 10S	138 44W	120.5	186.9	3.439	-36.05	38.6	S0409	.04090	5.9370	1.0	A
865 9001	81234.30	37 0S	175 33E	117.7	188.1	2.511	9.45	25.1	S0409	.05410	5.9782	0.6	A
9002	81251.10	39 10S	175 10E	117.5	188.2	2.511	8.30	24.0	S0409	.05410	5.9965	1.4	A
866 9001	85048.90	64 40N	177 46E	75.6	195.2	1.475	-1.05	48.0	S0409	.05410	9.5652	0.6	F
9002	85054.30	64 40N	177 46E	75.4	195.0	1.475	-0.70	48.0	S0409	.05410	9.6064	0.6	A
9003	95046.50	62 34N	176 56E	77.0	193.9	1.697	11.55	50.1	S0409	.05410	9.4085	0.8	A
867 9001	4253.30	44 40N	147 23E	73.8	189.4	2.511	9.10	65.1	S0409	.05410	9.8573	0.6	F
9002	4258.50	44 40N	147 24E	74.0	189.0	2.511	9.80	65.1	S0409	.05410	9.7879	0.6	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
867 9003	4270.30	43 40N	146 19E	74.5	188.9	2.511	-16.45	65.6	S0409	.07190	9.6972	0.4	F
9004	4275.70	43 39N	146 20E	74.1	188.8	2.511	-15.05	65.6	S0409	.07190	9.7961	0.4	A
9005	4962.70	3 44S	139 41E	121.4	186.4	1.810	42.00	56.6	S0409	.03090	5.8710	0.6	A
9006	5068.70	10 58S	136 46E	102.8	186.3	2.733	22.75	49.8	S0409	.04090	6.9265	0.8	A
868 9001	9455.49	52 4N	128 3E	79.0	190.3	2.170	20.30	59.5	S0409	.07190	9.2106	0.4	F
9002	9458.29	52 1N	128 3E	78.2	190.4	2.170	20.65	59.5	S0409	.07190	9.3920	0.4	V
9003	9463.09	51 40N	128 4E	81.8	190.4	2.033	25.90	59.8	S0409	.05410	8.9715	0.4	V
9004	9467.89	51 20N	127 38E	75.8	190.3	2.170	16.10	60.0	S0409	.07190	9.6809	0.4	V
9005	9470.69	51 20N	127 38E	76.8	190.3	2.170	16.45	60.0	S0409	.07190	9.4333	1.2	A
9006	9478.49	50 59N	127 26E	78.3	190.1	2.385	19.25	60.8	S0409	.05410	9.2766	1.0	F
9007	9482.09	50 44N	127 24E	77.8	190.1	2.170	20.30	60.9	S0409	.05410	9.4415	0.6	V
9008	9486.49	50 17N	127 28E	80.0	190.0	2.170	22.40	60.9	S0409	.05410	9.0540	0.4	A
9009	9493.89	49 47N	127 14E	78.5	189.9	2.170	21.00	61.3	S0409	.05410	9.2271	0.4	A
9010	9512.69	48 5N	126 53E	82.4	189.7	2.385	25.90	62.8	S0409	.05410	8.8231	0.6	F
9011	9525.89	47 39N	126 6E	73.9	189.5	2.385	8.75	62.9	S0409	.07190	9.8043	1.0	A
9012	9543.09	46 49N	126 43E	95.3	189.2	2.033	34.85	64.8	S0409	.05410	7.7016	0.6	V
9013	9551.49	46 9N	126 44E	97.1	189.2	1.810	39.55	64.8	S0409	.05410	7.4460	0.6	A
9014	9586.49	43 11N	124 18E	72.6	188.8	2.511	-8.40	66.1	S0409	.05410	9.9593	0.8	F
9015	9591.69	43 1N	124 14E	72.5	188.8	2.733	-7.70	66.1	S0409	.05410	10.0023	0.8	A
9016	9598.29	42 54N	123 59E	72.8	188.7	2.511	-13.30	66.4	S0409	.07190	10.0765	0.8	V
9017	9604.89	41 57N	123 43E	74.8	188.6	2.511	-17.15	66.8	S0409	.07190	9.6642	1.4	F
9018	9610.29	41 57N	123 42E	74.6	188.6	2.733	-16.80	66.8	S0409	.07190	9.7301	1.4	A
9019	9618.09	41 40N	123 9E	80.2	188.5	2.511	-24.05	67.0	S0409	.05410	9.1364	0.8	V
9020	9621.49	41 13N	123 10E	80.4	188.5	2.511	-24.80	67.1	S0409	.05410	9.0292	0.8	A
9021	9631.49	40 5N	123 51E	72.9	188.4	2.733	4.20	68.3	S0409	.05410	9.4528	0.6	F
9022	9636.29	39 58N	123 36E	71.3	188.4	2.733	-2.80	68.3	S0409	.07190	10.2826	0.4	V
9023	9640.89	39 40N	123 45E	72.9	188.3	2.733	4.55	68.4	S0409	.07190	9.9238	0.6	A
9024	9650.09	39 5N	122 44E	77.7	188.2	2.511	-25.20	68.5	S0409	.05410	9.4250	0.4	V
9025	9670.49	37 26N	122 36E	75.0	188.1	2.733	-17.50	69.5	S0409	.07190	9.6477	0.6	F
9026	9675.29	37 10N	122 24E	76.5	188.1	2.733	-23.10	69.5	S0409	.07190	9.5817	0.4	V
9027	9678.09	37 10N	122 24E	77.3	188.0	2.733	-22.75	69.5	S0409	.05410	9.4003	0.4	A
9028	9756.89	31 24N	121 27E	73.7	187.5	3.090	-10.15	72.2	S0409	.07190	9.8208	0.4	F
9029	9763.09	31 2N	121 24E	73.7	187.5	3.090	-10.15	72.3	S0409	.07190	9.8208	0.8	F
9030	9768.29	31 2N	121 24E	73.6	187.5	3.090	-9.10	72.3	S0409	.07190	9.8456	1.0	A
9031	9781.09	29 40N	121 24E	73.5	187.4	3.090	1.05	72.5	S0409	.07190	9.8621	0.5	F
9032	9786.29	29 40N	121 24E	73.7	187.4	3.090	1.75	72.5	S0409	.07190	9.8208	0.6	A
9033	9806.69	28 2N	120 41E	75.1	187.3	3.090	-14.00	72.7	S0409	.07190	9.6594	0.4	F
9034	9812.09	28 2N	120 40E	75.0	187.2	3.090	-13.30	72.8	S0409	.07190	9.6724	0.4	A
9035	9874.69	23 17N	120 16E	76.2	187.0	3.211	8.05	73.1	S0409	.05410	9.5240	0.8	F
9036	9881.89	22 45N	120 25E	80.2	187.0	3.090	17.85	73.2	S0409	.05410	9.0543	1.0	F
9037	9887.69	22 43N	120 25E	80.8	186.9	2.872	18.90	73.2	S0409	.05410	8.9503	1.0	A
9038	10120.69	6 26N	116 28E	86.1	186.3	3.439	-22.40	63.6	S0409	.05410	8.3613	0.8	F
9039	10123.69	6 26N	116 28E	85.0	186.3	3.439	-22.05	63.7	S0409	.05410	8.5737	0.6	V
9040	10128.09	6 4N	116 33E	81.7	186.4	3.439	-16.80	63.5	S0409	.05410	8.9385	0.6	V
9041	10131.09	6 4N	116 33E	82.5	186.4	3.439	-16.10	63.5	S0409	.05410	8.7489	0.6	A
9042	10246.49	2 11S	115 27E	86.2	186.4	3.574	-4.20	57.1	S0409	.05410	8.3613	0.6	F
9043	10250.09	2 9S	115 25E	86.5	186.4	3.574	-4.55	57.1	S0409	.05410	8.3036	0.6	A
869 9001	14561.69	66 26N	112 26E	75.9	194.3	1.475	-5.25	46.3	S0409	.07190	9.6240	0.6	F
9002	14557.09	66 29N	112 26E	75.7	194.3	1.475	-4.90	46.3	S0409	.07190	9.5735	0.6	A
9003	14561.89	66 26N	112 22E	74.7	194.3	1.475	1.05	46.9	S0409	.07190	9.8126	0.4	V
9004	14564.69	66 26N	112 21E	75.5	194.3	1.475	1.05	46.9	S0409	.07190	9.5982	0.4	A
9005	14689.29	57 17N	105 33E	76.3	191.9	1.810	-18.20	54.6	S0409	.07190	9.4665	0.8	F
9006	14694.69	57 17N	105 33E	75.9	191.8	1.810	-17.50	54.6	S0409	.07190	9.5570	0.6	A
9007	14757.09	52 4N	104 33E	78.5	190.6	1.810	-23.45	58.5	S0409	.07190	9.2024	0.4	F
9008	14759.89	52 4N	104 32E	77.6	190.6	2.033	-23.80	58.5	S0409	.07190	9.4498	0.4	V
9009	14762.69	52 4N	104 24E	78.5	190.5	2.033	-23.80	58.8	S0409	.05410	9.2324	1.0	F
9010	14768.29	52 4N	104 25E	78.0	190.4	2.033	-23.10	58.8	S0409	.05410	9.3096	1.0	A
9011	14773.49	51 54N	104 12E	77.9	190.3	2.033	-22.75	59.5	S0409	.07190	9.2849	1.4	F
9012	14777.29	51 49N	104 11E	76.2	190.3	2.033	-22.05	59.5	S0409	.07190	9.6229	1.4	V
9013	14816.29	48 37N	103 29E	74.9	189.7	2.170	-16.45	61.9	S0409	.07190	9.6477	1.0	F
9014	14821.89	48 34N	103 29E	74.7	189.7	2.385	-17.85	61.9	S0409	.07190	9.7219	0.6	A
9015	14854.29	46 43N	102 50E	73.5	189.3	2.385	-15.40	63.6	S0409	.07190	9.8868	0.6	A
9016	14929.69	41 7N	100 32E	90.9	188.5	2.033	-40.25	66.9	S0409	.05410	8.0644	1.6	V
9017	14933.09	41 0N	100 32E	91.5	188.5	2.033	-39.90	66.9	S0409	.05410	7.9572	0.8	A
9018	14956.69	38 50N	101 8E	71.6	188.3	2.733	-7.35	68.8	S0409	.07190	10.1177	0.4	F
9019	14961.69	38 50N	101 9E	71.5	188.2	2.733	-6.30	68.8	S0409	.07190	10.1424	0.6	A
9020	14972.89	38 5N	100 19E	77.8	188.1	2.511	-28.00	69.0	S0409	.05410	9.4168	0.4	V
9021	14975.69	38 5N	100 19E	78.5	188.1	2.511	-27.65	69.0	S0409	.05410	9.2519	0.4	A
9022	14985.09	36 59N	100 52E	70.9	188.0	2.872	0.00	70.0	S0409	.05410	10.2351	1.0	F
9023	14990.29	36 59N	100 52E	71.0	188.0	2.872	1.05	70.1	S0409	.05410	10.2084	0.8	A
9024	15279.49	16 56N	96 9E	81.9	186.7	3.211	-24.85	70.2	S0409	.05410	8.4220	0.6	V
9025	15283.69	16 54N	96 9E	82.2	186.7	3.211	-23.45	70.2	S0409	.05410	8.7983	1.4	A
870 9001	19999.69	56 56N	85 32E	75.9	191.9	2.033	11.90	55.1	S0409	.07190	9.5570	0.6	F
9002	20003.49	56 43N	85 22E	75.4	191.8	2.033	10.50	55.3	S0409	.05410	9.6269	0.4	F
9003	20007.69	56 29N	85 5E	74.4	191.7	2.033	6.65	55.5	S0409	.05410	9.7466	0.6	F
9004	20012.89	56 29N	85 6E	74.5	191.6	2.033	7.35	55.5	S0409	.05410	9.7301	0.6	A
9005	20018.09	56 40N	84 56E	75.1	191.5	2.170	10.15	56.2	S0409	.07190	9.6559	1.2	F
9006	20023.49	56 40N	84 56E	75.3	191.4	2.170	10.85	56.2	S0409	.07190	9.6312	1.2	A
9007	20034.09	54 40N	83 8E	79.8	191.2	1.810	-24.85	56.7	S0409	.05410	9.0457	0.4	F
9008	20036.89	54 49N	83 8E	78.6	191.1	1.810	-24.50	56.7	S0409	.05410	9.3178	0.4	V
9009	20039.69	54 49N	83 9E	79.4	191.1	2.033	-24.50	56.7	S0409	.05410	9.1529	0.6	A
9010	20054.89	53 19N	83 22E	73.1	190.8	2.170	-4.90	58.2	S0409	.05410	9.9115	0.4	F

Handle via
BYEMAN Channels
BYE-B915/B4

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
870 9011	20040.09	53 20N	83 22E	73.0	190.7	2.170	-4.20	58.2	S0409	.05410	9.9363	0.4	A
9012	20043.69	53 5N	83 19E	72.9	190.6	2.170	-3.15	58.4	S0409	.07190	9.9445	0.4	A
9013	20047.89	52 46N	83 6E	72.9	190.6	2.170	-3.15	58.9	S0409	.07190	9.9445	1.0	F
9014	20073.29	52 25N	83 6E	72.8	190.5	2.170	-2.45	58.9	S0409	.07190	9.9610	0.8	A
9015	20103.29	50 4N	82 30E	73.0	190.0	2.385	3.50	60.9	S0409	.05410	9.9363	0.6	F
9016	20107.49	50 2N	82 44E	74.5	190.0	2.170	11.55	61.0	S0409	.07190	9.6889	0.6	A
9017	20114.29	49 17N	81 53E	72.7	189.9	2.385	-7.35	61.5	S0409	.07190	9.9693	0.4	F
9018	20119.49	49 17N	81 53E	72.6	189.8	2.385	-6.65	61.5	S0409	.07190	9.9340	0.4	A
9019	20148.49	46 50N	82 1E	76.2	189.4	2.385	19.95	63.7	S0409	.05410	9.2951	0.6	F
9020	20159.29	46 15N	80 50E	73.1	189.3	2.385	-10.85	63.8	S0409	.05410	9.9115	0.8	F
9021	20164.49	46 15N	80 50E	72.9	189.2	2.511	-10.15	63.8	S0409	.05410	9.9528	2.0	A
9022	20190.29	44 1N	80 54E	74.5	188.9	2.511	12.25	65.7	S0409	.07190	9.7549	0.6	F
9023	20204.29	43 5N	79 24E	52.6	188.8	2.385	-31.50	65.5	S0409	.05410	8.7383	0.6	A
9024	20232.29	41 10N	80 18E	75.6	188.5	2.511	17.50	67.7	S0409	.05410	9.7219	1.0	V
9025	20385.69	30 40N	76 50E	76.4	187.0	2.872	-19.25	72.2	S0409	.05410	9.4580	0.4	F
9026	20389.69	30 25N	76 50E	75.9	187.4	2.872	-17.50	72.3	S0409	.05410	9.5405	0.6	F
9027	20394.69	30 24N	76 53E	74.9	187.4	3.090	-14.70	72.3	S0409	.05410	9.6389	0.4	A
9028	20414.69	28 55N	77 6E	75.1	187.3	3.090	8.40	73.1	S0409	.05410	9.6642	1.8	F
9029	20420.09	28 55N	77 6E	75.4	187.3	2.872	9.45	73.2	S0409	.05410	9.5900	1.0	A
9030	20469.29	24 54N	75 36E	78.8	187.1	3.090	-22.40	72.6	S0409	.05410	9.1512	0.4	F
9031	20474.89	24 54N	75 36E	78.4	187.1	3.090	-21.35	72.6	S0409	.05410	9.2436	0.6	A
9032	20553.09	19 6N	74 46E	76.8	186.3	3.211	-12.25	71.4	S0409	.05410	9.4085	0.8	F
9033	20558.49	19 0N	74 46E	76.7	186.8	3.439	-11.55	71.5	S0409	.05410	9.4333	1.0	A
871 9001	25239.69	61 50N	65 56E	76.3	193.6	1.687	11.20	50.7	S0409	.07190	9.4310	0.6	A
9002	25251.49	61 21N	63 36E	84.3	193.3	1.475	-29.40	50.9	S0409	.05410	8.6169	0.6	A
9003	25295.49	57 50N	61 3E	103.1	192.1	1.113	-44.80	53.7	S0409	.05410	6.9760	18.2	F
9004	25317.29	57 4N	60 43E	101.9	191.6	1.332	-44.10	54.6	S0409	.05410	7.1304	8.2	A
9005	25333.09	56 24N	61 39E	75.3	191.3	2.033	-15.05	56.3	S0409	.07190	9.5982	1.2	F
9006	25336.89	56 16N	61 35E	74.6	191.3	2.033	-15.75	56.4	S0409	.07190	9.8291	0.4	V
9007	25339.69	56 10N	61 35E	75.3	191.2	2.033	-15.40	56.4	S0409	.07190	9.6477	0.4	A
9008	25344.09	56 0N	61 30E	74.9	191.1	2.033	-14.35	56.7	S0409	.05410	9.6889	0.6	A
9009	25348.69	54 54N	61 15E	74.7	191.0	2.033	-16.45	57.1	S0409	.07190	9.8126	0.6	V
9010	25356.69	54 40N	61 40E	73.1	190.9	2.170	-0.70	57.6	S0409	.07190	9.9280	0.6	A
9011	25364.69	53 12N	60 51E	74.4	190.7	2.033	-14.70	58.2	S0409	.07190	9.6642	0.4	F
9012	25367.29	53 1N	60 48E	74.7	190.7	2.033	-14.35	58.3	S0409	.07190	9.6807	0.6	F
9013	25372.69	53 1N	60 47E	74.5	190.6	2.170	-14.00	58.3	S0409	.07190	9.7466	0.4	A
9014	25375.69	52 58N	60 37E	73.9	190.6	2.170	-15.05	58.7	S0409	.07190	9.9192	0.4	V
9015	25378.49	52 57N	60 36E	74.7	190.5	2.170	-15.05	58.7	S0409	.07190	9.7136	0.4	A
9016	25392.49	51 47N	60 19E	73.6	190.3	2.170	-11.20	59.8	S0409	.07190	9.8208	0.4	F
9017	25397.69	51 10N	60 18E	73.5	190.2	2.385	-10.85	59.8	S0409	.07190	9.8786	0.6	A
9018	25400.89	51 0N	60 13E	73.5	190.2	2.385	-11.20	60.0	S0409	.07190	9.8786	0.4	A
9019	25404.89	50 47N	60 14E	72.9	190.1	2.385	-7.70	60.3	S0409	.07190	9.9528	0.4	A
9020	25434.49	48 44N	58 6E	96.9	189.7	1.687	-43.40	61.4	S0409	.05410	7.5614	0.6	V
9021	25437.89	48 40N	58 6E	97.5	189.6	1.687	-43.05	61.4	S0409	.05410	7.4625	0.6	A
9022	25571.69	39 0N	55 14E	82.1	188.3	2.385	-30.10	68.4	S0409	.05410	8.7318	0.4	F
9023	25575.49	38 59N	56 17E	79.7	188.2	2.385	-28.00	68.5	S0409	.05410	9.2024	0.4	V
9024	25578.49	38 56N	56 18E	79.9	188.2	2.385	-26.95	68.5	S0409	.05410	9.0352	0.6	A
9025	25594.69	37 50N	57 20E	78.0	188.1	2.511	21.35	70.1	S0409	.05410	9.4164	0.6	V
9026	25597.69	37 50N	57 20E	79.1	188.1	2.511	21.70	70.1	S0409	.05410	9.1447	0.6	A
9027	25901.29	16 17N	52 10E	77.4	186.7	3.439	-11.20	70.2	S0409	.05410	9.2684	1.2	F
9028	25906.89	16 17N	52 10E	77.9	186.7	3.439	-10.15	70.2	S0409	.05410	9.2765	1.2	A
872 9001	30366.28	73 24N	54 38E	78.6	203.2	1.113	8.05	39.7	S0409	.07190	9.2024	1.0	F
9002	30371.88	73 22N	54 40E	78.5	202.7	0.996	8.75	39.7	S0409	.07190	9.2106	1.0	A
9003	30384.08	71 54N	52 22E	79.2	200.9	1.332	11.90	41.5	S0409	.07190	9.1364	0.6	F
9004	30389.68	71 54N	52 23E	79.2	200.9	1.113	12.60	41.5	S0409	.07190	9.1447	0.6	A
9005	30532.68	62 50N	41 46E	92.1	194.0	1.113	-37.45	49.5	S0409	.05410	7.9525	0.8	V
9006	30536.08	62 54N	41 46E	92.8	193.9	1.332	-37.45	49.5	S0409	.05410	7.8171	0.8	A
9007	30601.68	57 26N	41 15E	73.7	192.1	2.033	0.70	54.3	S0409	.07190	9.8206	0.4	F
9008	30606.88	57 26N	41 15E	73.6	192.0	2.033	1.05	54.3	S0409	.07190	9.8373	0.6	A
9009	30615.68	57 0N	40 59E	72.9	191.8	2.033	3.15	55.0	S0409	.07190	10.0517	0.8	V
9010	30627.08	56 10N	38 23E	100.9	191.6	1.113	-43.75	55.2	S0409	.05410	7.1326	12.2	F
9011	30643.68	55 39N	38 13E	93.0	191.3	1.687	-42.70	55.8	S0409	.05410	7.4213	17.0	A
9012	30677.68	52 40N	39 27E	74.7	190.6	2.170	10.50	58.9	S0409	.07190	9.7136	0.4	F
9013	30683.08	52 40N	39 27E	74.9	190.5	2.170	11.20	58.9	S0409	.07190	9.6807	0.8	A
9014	30694.28	51 42N	39 17E	75.6	190.4	2.170	15.75	59.7	S0409	.07190	9.7054	0.4	V
9015	30697.08	51 42N	39 16E	76.5	190.3	2.170	15.75	59.7	S0409	.07190	9.4745	1.2	A
9016	30722.68	49 50N	36 17E	98.6	189.9	1.687	-44.45	60.4	S0409	.05410	7.4213	0.6	V
9017	30726.48	49 54N	36 18E	99.2	189.9	1.687	-44.10	60.4	S0409	.05410	7.3223	0.6	A
9018	30740.88	48 20N	38 8E	76.5	189.7	2.385	16.10	62.5	S0409	.07190	9.5075	0.8	F
9019	30746.08	48 24N	38 7E	76.5	189.6	2.170	16.45	62.5	S0409	.07190	9.4580	1.0	A
9020	30753.08	47 32N	37 33E	73.2	189.5	2.385	5.95	63.0	S0409	.07190	9.9115	0.8	F
9021	30758.28	47 34N	37 33E	73.3	189.5	2.385	6.65	63.0	S0409	.07190	9.8786	0.8	A
9022	30762.68	47 3N	37 29E	73.1	189.4	2.385	9.10	63.4	S0409	.07190	10.0352	0.4	V
9023	30765.48	47 0N	37 29E	74.0	189.4	2.385	9.45	63.4	S0409	.07190	9.7796	0.4	A
9024	30794.68	45 29N	35 38E	84.7	189.2	2.033	-32.90	64.1	S0409	.05410	8.5180	5.6	F
9025	30793.88	45 17N	35 29E	86.0	189.1	2.033	-34.30	64.2	S0409	.05410	8.4438	8.6	A
9026	30856.08	40 51N	35 31E	72.4	188.5	2.733	2.45	67.8	S0409	.04090	10.0023	0.6	A
9027	30885.28	38 40N	35 30E	77.9	186.2	2.511	10.95	69.3	S0409	.05410	9.2849	1.0	A
9028	30932.68	35 16N	33 44E	74.4	187.9	2.872	-14.70	70.6	S0409	.07190	9.7219	1.0	F
9029	30940.28	35 11N	33 17E	81.1	187.8	2.733	-28.70	70.4	S0409	.05410	8.9550	0.8	A
9030	30948.88	34 57N	33 8E	84.9	187.8	2.733	-33.25	70.6	S0409	.03090	8.5510	0.8	A
9031	30991.28	31 6N	33 50E	81.8	187.3	2.733	23.45	73.0	S0409	.04090	8.8890	0.8	F
9032	30997.08	31 7N	33 51E	82.8	187.3	2.511	24.85	73.0	S0409	.04090	8.7241	1.0	A
9033	31004.68	30 47N	33 10E	73.0	187.4	2.872	4.55	72.7	S0409	.04090	10.0455	1.0	V

Handle via
BYEMAN Channels
BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
872 9034	31015.08	29 06N	32 23E	76.9	187.4	2.872	-19.60	72.4	S0409	.07190	9.3920	0.6	F
9035	31027.28	29 1N	31 42E	88.8	187.3	2.511	-37.10	72.0	S0409	.03090	8.2376	1.0	V
9036	31038.68	28 50N	31 43E	89.3	187.3	2.733	-36.75	72.1	S0409	.03090	8.1387	0.8	A
9037	31531.28	5 59S	25 53E	92.7	186.4	3.439	-20.65	53.5	S0409	.05410	7.7346	1.0	F
9038	31617.68	11 47S	24 27E	105.4	186.6	3.211	-32.90	48.3	S0409	.05410	6.8688	1.0	V
9039	31850.28	27 44S	21 28E	114.7	187.2	3.090	-26.25	33.5	S0409	.05410	6.1926	0.6	F
9040	31854.48	27 46S	21 29E	113.1	187.3	3.090	-25.55	33.5	S0409	.05410	6.3659	0.6	V
9041	31858.68	27 44S	21 28E	114.5	187.3	3.439	-25.55	33.5	S0409	.05410	6.2173	0.6	A
873 9001	35816.88	63 54N	23 3E	77.1	194.8	1.687	11.90	48.8	S0409	.07190	9.4003	1.4	F
9002	35822.88	63 51N	23 8E	77.8	194.5	1.687	14.35	48.9	S0409	.07190	9.3013	0.6	A
9003	35915.28	57 44N	18 49E	73.6	192.0	2.033	-5.25	54.3	S0409	.09670	9.8456	0.6	A
9004	35956.48	54 30N	17 46E	73.3	191.1	2.170	2.10	57.2	S0409	.07190	9.8869	0.6	F
9005	35963.88	54 29N	17 4E	75.2	191.0	2.033	-15.40	57.1	S0409	.07190	9.6559	0.6	A
9006	35969.48	53 44N	16 41E	76.2	190.9	2.033	-18.55	57.7	S0409	.07190	9.4910	0.6	F
9007	35972.88	53 30N	16 34E	76.5	190.8	2.033	-19.25	57.9	S0409	.07190	9.4498	0.4	F
9008	35975.88	53 16N	16 29E	76.6	190.8	2.033	-19.60	58.1	S0409	.07190	9.4303	0.6	F
9009	35981.28	53 1N	16 29E	76.3	190.7	2.033	-18.90	58.1	S0409	.07190	9.5240	0.8	A
9010	35991.08	52 47S	16 58E	72.4	190.5	2.170	3.85	59.1	S0409	.07190	10.1824	0.8	V
9011	35996.28	51 51N	16 35E	72.8	190.4	2.170	-2.45	59.4	S0409	.07190	9.9528	0.6	F
9012	36005.08	51 16N	17 4E	77.5	190.3	2.170	17.85	60.2	S0409	.07190	9.3336	0.4	F
9013	36007.88	51 10N	17 4E	76.7	190.2	2.170	18.20	60.2	S0409	.07190	9.5735	0.4	V
9014	36010.68	51 10N	17 5E	78.0	190.2	2.170	18.90	60.2	S0409	.07190	9.2951	0.4	A
9015	36016.08	50 56N	16 58E	76.2	190.1	2.170	17.50	60.6	S0409	.07190	9.6494	0.6	V
9016	36020.48	50 40N	16 33E	75.4	190.1	2.385	13.65	61.0	S0409	.07190	9.6494	0.6	F
9017	36028.68	49 56N	17 26E	94.6	189.9	1.810	36.50	61.7	S0409	.05410	7.7758	0.6	V
9018	36032.08	49 39N	17 26E	96.2	189.9	1.810	38.85	61.7	S0409	.05410	7.5202	0.8	A
9019	36042.88	49 2N	15 35E	72.3	189.7	2.385	-3.50	61.7	S0409	.07190	10.0270	0.4	A
9020	36053.28	48 14N	16 22E	62.8	189.6	2.033	26.60	62.7	S0409	.04090	8.7524	0.6	A
9021	36061.48	47 44N	15 7E	72.2	189.5	2.385	-2.80	63.0	S0409	.07190	10.0435	0.6	F
9022	36066.68	47 15N	14 51E	71.8	189.4	2.385	-9.45	63.1	S0409	.07190	10.2084	0.6	V
9023	36075.68	46 48N	14 21E	74.8	189.3	2.385	-14.60	63.4	S0409	.05410	8.8043	1.0	V
9024	36080.68	46 7N	14 28E	73.1	189.3	2.385	-11.20	63.9	S0409	.07190	9.9063	0.4	F
9025	36085.88	46 7N	14 29E	72.8	189.2	2.511	-10.15	63.9	S0409	.07190	9.9510	0.4	A
9026	36090.68	45 50N	14 31E	70.4	189.2	2.511	-8.15	64.5	S0409	.07190	10.2414	0.6	F
9027	36095.68	45 50N	14 32E	70.8	189.1	2.511	-2.10	64.5	S0409	.07190	10.2414	1.0	A
9028	36104.28	44 54N	13 49E	76.1	189.0	2.511	-20.30	64.7	S0409	.07190	9.5405	0.6	A
9029	36140.88	42 2N	12 45E	81.9	188.5	2.170	-29.75	66.5	S0409	.05410	8.8066	1.0	F
9030	36264.08	33 42N	11 9E	76.0	187.7	2.733	-16.90	71.3	S0409	.07190	9.5127	0.6	F
9031	36275.88	32 59N	12 2E	79.5	187.6	2.511	20.65	72.3	S0409	.04090	9.0369	0.8	A
9032	36509.08	17 0N	8 0E	78.0	186.7	3.439	-13.30	70.5	S0409	.05410	9.2765	1.0	A
9033	36594.88	10 50N	7 27E	81.6	186.5	3.211	10.85	67.3	S0409	.05410	8.8808	1.8	F
9034	36599.08	10 24N	7 26E	80.9	186.5	3.211	11.20	67.2	S0409	.05410	9.0292	0.4	V
9035	36617.28	9 4N	7 17E	84.1	186.5	3.211	14.70	66.3	S0409	.05410	8.6164	1.4	F
9036	36641.08	7 30N	6 28E	91.1	186.5	3.574	-7.70	64.7	S0409	.05410	8.9055	1.0	F
874 9001	41457.29	41 14N	8 37W	72.4	188.5	2.733	1.05	67.6	S0409	.07190	10.0105	0.6	F
9002	41462.48	41 11N	8 37W	72.5	188.5	2.733	1.75	67.6	S0409	.07190	9.9858	0.6	A
9003	41819.08	16 42N	13 31W	81.9	186.7	3.090	16.45	70.7	S0409	.05410	8.8561	0.4	F
9004	41822.28	16 14N	13 33W	80.7	186.7	3.090	15.75	70.7	S0409	.05410	9.0522	0.8	V
9005	41869.88	12 41N	14 4W	84.9	186.6	3.090	19.25	68.8	S0409	.05410	8.5345	1.0	F
9006	41875.28	12 19N	14 14W	83.2	186.6	3.211	16.75	68.5	S0409	.05410	8.7159	0.6	F
9007	41883.28	12 15N	14 39W	79.0	186.6	3.439	0.00	68.1	S0409	.05410	9.1117	1.0	A
9008	41896.88	11 49N	15 10W	81.1	186.5	3.574	-15.40	67.2	S0409	.05410	8.8973	0.8	A
875 9001	46426.87	64 10N	21 56W	74.0	194.8	1.687	-6.30	48.5	S0409	.07190	9.9033	0.8	V
9002	46432.87	64 0N	22 36W	77.3	194.5	1.475	-16.80	48.6	S0409	.07190	9.3920	0.4	A
9003	47408.47	2 51S	40 6W	95.2	186.4	3.574	-27.30	56.1	S0409	.05410	7.5532	1.0	A
9004	47419.67	3 45S	39 15W	90.0	186.4	3.211	10.85	55.9	S0409	.05410	7.9408	1.0	A
9005	47433.67	4 39S	40 22W	93.7	186.4	3.439	-25.20	54.4	S0409	.05410	7.7593	0.8	V
9006	47439.07	5 10S	40 42W	101.0	186.4	3.211	-33.25	54.0	S0409	.05410	7.1821	1.0	V
9007	47448.87	6 04S	40 17W	89.5	186.4	3.574	-15.75	53.7	S0409	.05410	8.1139	1.0	V
9008	47465.67	7 14S	39 16W	103.9	186.5	2.511	29.05	53.2	S0409	.05410	6.9925	0.8	V
9009	47476.27	7 51S	40 5W	89.6	186.5	3.211	5.25	52.3	S0409	.05410	8.0774	1.0	V
9010	47483.07	8 25S	40 10W	91.1	186.5	3.439	5.60	51.7	S0409	.05410	7.8913	1.0	F
9011	47495.47	9 26S	40 30W	90.7	186.5	3.439	-1.05	50.8	S0409	.05410	7.9243	1.0	F
9012	47501.67	9 40S	40 34W	91.0	186.5	3.439	-2.80	50.6	S0409	.05410	7.8583	1.0	A
9013	47524.47	11 14S	41 56W	107.3	186.5	3.211	-33.95	48.5	S0409	.05410	6.6379	1.2	F
9014	47538.47	12 00S	40 10W	104.6	186.6	2.872	24.15	48.4	S0409	.05410	6.8688	1.2	F
9015	47552.47	12 46S	41 26W	94.6	186.6	3.574	-12.25	47.6	S0409	.05410	7.5614	1.0	A
9016	47561.47	13 25S	41 28W	93.9	186.6	3.574	-9.10	47.1	S0409	.05410	7.6109	0.8	A
9017	47564.47	14 12S	41 43W	95.6	186.6	3.574	-14.00	46.3	S0409	.05410	7.4472	1.2	F
9018	47577.67	14 50S	40 52W	101.2	186.6	2.872	19.60	46.2	S0409	.05410	7.1409	1.0	V
9019	47586.47	15 41S	41 1W	102.6	186.7	2.872	19.25	45.4	S0409	.05410	6.9325	1.0	F
9020	47604.67	16 49S	42 4W	96.7	186.7	3.439	-8.45	43.9	S0409	.05410	7.4048	1.0	F
9021	47618.27	17 14S	42 44W	104.5	186.7	3.439	-27.30	43.3	S0409	.05410	6.9182	1.0	V
9022	47621.27	17 41S	42 32W	99.3	186.7	3.439	-18.90	43.0	S0409	.05410	7.2811	0.4	V
9023	47630.27	18 06S	41 51W	100.0	186.8	3.090	9.45	42.5	S0409	.05410	7.1739	1.0	F
9024	47637.07	18 30S	41 58W	98.5	186.8	3.090	7.35	42.3	S0409	.07190	7.3388	0.8	V
9025	47643.07	19 27S	42 29W	98.4	186.8	3.439	-7.00	41.5	S0409	.07190	7.2646	0.8	F
9026	47647.27	19 43S	42 37W	99.0	186.8	3.439	-9.80	41.2	S0409	.07190	7.2151	0.8	F
9027	47651.47	20 0S	42 43W	99.5	186.8	3.439	-10.85	41.0	S0409	.07190	7.1821	0.4	F
9028	47661.07	20 14S	42 11W	101.1	186.8	3.090	8.75	41.0	S0409	.05410	7.0172	0.8	A
9029	47672.87	20 28S	42 52W	100.3	186.9	3.439	-9.10	40.1	S0409	.07190	7.0997	1.0	A
9030	47685.27	21 46S	43 23W	104.7	186.9	3.439	-19.95	39.2	S0409	.05410	6.8111	1.0	A

Handle via
BYEMAN Channels
BYE-8915/84

Approved for Release: 2021/01/22 C05132886

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
875 9031	47697.07	22 52S	43 10W	100.4	187.0	3.211	-7.00	34.3	S0409	.07190	7.1821	0.6	V
9032	47700.87	22 55S	43 10W	101.7	187.0	3.439	-6.65	30.3	S0409	.07190	6.9925	0.6	A
876 9001	52560.67	7 34N	60 10W	84.8	186.5	3.574	-20.65	64.5	S0409	.05410	8.5097	0.6	A
9002	52560.07	5 45N	60 18W	82.8	186.4	3.439	-14.00	63.3	S0409	.05410	8.7076	1.0	F
9003	52585.87	5 42N	60 8W	80.4	186.4	3.439	-5.25	63.3	S0409	.07190	9.0705	0.6	V
9004	52593.07	4 47N	59 52W	84.2	186.4	3.211	10.50	63.0	S0409	.05410	8.6004	0.8	F
9005	52597.47	4 44N	59 50W	84.5	186.4	3.211	13.30	62.9	S0409	.05410	8.6334	0.6	V
9006	52600.07	4 30N	59 52W	84.6	186.4	3.211	13.30	62.8	S0409	.05410	8.6169	1.0	V
9007	52608.87	4 10N	60 31W	83.2	186.4	3.574	-10.85	62.1	S0409	.05410	8.6582	1.0	A
9008	52618.07	3 50N	60 28W	83.0	186.4	3.439	-2.45	61.4	S0409	.05410	8.6911	1.0	F
9009	52623.67	2 50N	60 41W	82.6	186.4	3.574	-9.45	61.2	S0409	.05410	8.8231	1.0	V
9010	52630.67	2 42N	60 56W	86.0	186.4	3.574	-17.50	60.9	S0409	.05410	8.3778	0.4	A
9011	52636.27	1 55N	61 7W	87.3	186.4	3.439	-19.95	60.2	S0409	.05410	8.2294	1.0	F
9012	52650.47	1 15N	60 28W	87.3	186.4	3.211	11.90	60.2	S0409	.05410	8.2129	0.8	A
9013	52854.27	13 0S	63 47W	97.3	186.5	3.439	-19.60	47.2	S0409	.05410	7.3553	0.8	F
9014	52860.87	13 10S	64 7W	102.7	186.6	3.439	-28.70	46.9	S0409	.05410	7.0502	1.2	V
9015	52867.87	13 24S	63 38W	94.8	186.6	3.574	-10.85	46.9	S0409	.05410	7.5367	1.0	A
9016	52874.67	14 10S	63 43W	93.8	186.6	3.439	-9.45	46.3	S0409	.07190	7.7181	0.8	V
9017	52883.47	14 45S	64 28W	105.2	186.6	3.439	-30.10	45.5	S0409	.05410	6.8770	1.0	V
9018	52890.07	15 05S	64 2W	96.5	186.6	3.439	-12.95	45.0	S0409	.05410	7.4213	0.8	F
9019	52897.27	15 25S	63 56W	95.8	186.7	3.439	-8.40	45.1	S0409	.05410	7.4460	0.6	A
9020	52912.47	17 14S	63 13W	108.8	186.7	2.733	23.80	44.0	S0409	.05410	6.6544	0.8	F
9021	52917.67	17 17S	63 33W	100.5	186.7	2.872	15.05	43.8	S0409	.05410	7.1404	1.0	V
9022	52927.87	17 30S	64 30W	96.7	186.7	3.439	-13.65	42.9	S0409	.07190	7.4790	1.6	V
9023	52939.47	19 0S	63 30W	110.5	186.8	2.733	24.85	42.3	S0409	.05410	6.5859	0.8	F
9024	52950.07	19 0S	64 53W	99.9	186.8	3.574	-17.85	41.7	S0409	.05410	7.1491	1.0	A
9025	52962.67	20 12S	65 26W	105.4	186.8	3.439	-28.35	40.5	S0409	.05410	6.7363	1.0	V
9026	52983.87	21 30S	64 42W	99.8	186.9	3.211	3.15	39.8	S0409	.07190	7.1079	1.4	A
9027	52994.47	22 0S	65 33W	103.6	186.9	3.439	-20.30	38.8	S0409	.05410	6.8853	0.8	A
9028	53007.07	23 7S	64 19W	113.0	187.0	2.385	23.45	38.5	S0409	.05410	6.2586	1.0	A
9029	53016.67	23 40S	64 45W	106.9	187.0	2.733	14.70	37.8	S0409	.05410	6.6214	0.8	A
9030	53022.07	24 42S	65 5W	102.4	187.0	3.090	7.35	37.1	S0409	.07190	7.0337	0.8	V
9031	53029.67	24 59S	64 35W	114.2	187.1	2.511	23.45	37.1	S0409	.05410	6.1326	0.8	A
9032	53042.67	25 40S	66 13W	107.3	187.1	3.439	-20.30	35.8	S0409	.05410	6.6479	0.8	A
9033	53052.67	26 03S	66 1W	103.3	187.2	3.211	-7.70	34.8	S0409	.07190	6.9016	0.8	F
9034	53058.67	26 33S	65 55W	103.4	187.2	3.211	-4.55	34.9	S0409	.07190	6.8605	0.8	A
9035	53105.87	30 19S	66 15W	108.6	187.4	2.872	7.45	31.5	S0409	.07190	6.5637	0.6	F
9036	53113.87	30 19S	66 16W	109.5	187.4	2.872	8.05	31.5	S0409	.07190	6.4965	0.6	A
9037	53151.97	32 49S	67 17W	109.7	187.7	3.090	-5.25	29.0	S0409	.07190	6.6482	1.2	A
877 5001	57381.66	40 17N	75 5W	72.6	188.4	2.733	3.50	68.2	S0312	.03150	10.0011	3.4	F
5002	57389.06	40 0N	75 8W	72.8	188.4	2.733	4.20	68.3	S0312	.03150	9.9681	3.8	A
5003	57646.06	29 10N	79 4W	74.5	186.9	3.211	1.40	72.7	S0312	.03150	9.8362	0.6	V
5004	57653.06	29 0N	79 26W	76.1	186.9	3.211	-11.55	72.3	S0312	.04150	9.5229	0.8	A
5005	57842.26	8 36N	82 18W	89.6	186.5	3.211	-29.40	65.1	S0312	.04150	8.0223	1.2	F
9001	57381.66	40 16N	75 5W	72.7	188.4	2.733	3.50	68.2	S0409	.07190	10.0023	3.6	F
9002	57389.06	40 7N	75 8W	72.8	188.4	2.733	4.20	68.3	S0409	.07190	9.9693	3.8	A
9003	57579.46	26 43N	79 58W	82.8	187.2	2.733	-29.05	72.5	S0409	.05410	8.7159	0.8	F
9004	57586.66	26 30N	79 42W	76.6	187.2	3.090	-17.50	72.7	S0409	.05410	9.4745	0.8	A
9005	57641.86	22 21N	79 58W	75.7	186.9	3.211	3.85	72.8	S0409	.07190	9.5900	0.6	F
9006	57653.46	21 58N	79 24W	76.1	186.9	3.211	-11.55	72.3	S0409	.05410	9.5240	0.8	A
9007	57680.46	19 44N	79 52W	77.0	186.8	3.211	-12.95	71.6	S0409	.05410	9.3838	1.0	F
9008	57779.66	13 24N	81 21W	84.3	186.6	3.439	-20.85	68.3	S0409	.05410	8.9939	1.0	A
878 5001	62716.06	38 0N	97 51W	72.1	188.2	2.872	-1.40	69.4	S0312	.02260	10.0538	0.8	F
5002	62721.26	38 0N	97 51W	72.3	188.1	2.872	-0.35	69.4	S0312	.02260	10.0423	0.6	A
5003	62916.86	24 34N	101 25W	79.6	187.0	3.090	-26.95	72.4	S0312	.03150	9.2313	0.8	V
5004	62968.86	20 50N	100 53W	84.2	186.9	2.872	24.50	72.7	S0312	.03150	8.6407	1.0	F
9001	62716.06	38 0N	97 51W	72.2	188.2	2.872	-1.40	69.4	S0409	.05410	10.0600	0.6	F
9002	62721.26	38 0N	97 51W	72.3	188.1	2.872	-0.35	69.5	S0409	.05410	10.0435	0.6	A
9003	62877.46	27 19N	99 54W	76.7	187.2	2.872	12.60	73.4	S0409	.05410	9.4166	1.0	A
9004	62900.46	25 46N	100 59W	75.9	187.1	3.090	-17.15	72.7	S0409	.05410	9.5240	0.6	F
9005	62905.86	25 26N	100 58W	75.6	187.1	3.211	-16.10	72.8	S0409	.05410	9.5817	0.6	A
9006	62922.46	24 19N	101 24W	79.3	187.0	3.211	-24.50	72.5	S0409	.05410	9.1447	0.8	A
9007	62940.86	22 59N	101 44W	80.4	186.9	3.090	-25.40	72.2	S0409	.05410	8.9797	0.8	F
9008	62951.46	21 54N	101 34W	75.4	186.9	3.211	-14.00	72.3	S0409	.07190	9.5817	0.8	F
9009	62961.66	21 00N	100 53W	80.3	186.9	2.872	19.25	72.9	S0409	.05410	8.9797	0.8	A
9010	62984.06	20 0N	102 16W	82.2	186.8	3.211	-26.95	71.4	S0409	.05410	8.8513	1.0	A
9011	62992.86	19 40N	102 2W	76.3	186.8	3.439	-12.60	71.5	S0409	.05410	9.4310	0.8	A
9012	62998.46	19 28N	102 6W	77.1	186.8	3.439	-12.60	71.4	S0409	.05410	9.3838	1.0	A
9013	63007.46	19 23N	101 59W	76.2	186.7	3.439	-2.80	71.3	S0409	.05410	9.4826	0.6	A
9014	63017.66	17 06N	101 30W	85.4	186.7	2.733	23.10	71.6	S0409	.05410	8.4190	0.8	A
9015	63671.66	27 7S	109 24W	112.8	187.2	2.511	19.25	64.7	S0409	.04090	6.2586	1.4	A
883 5001	2507.45	61 26N	160 34E	76.1	193.6	1.687	9.80	50.7	S0312	.03150	9.5311	0.8	A
5002	2644.85	56 45N	156 12E	82.7	190.2	2.033	26.25	60.7	S0312	.04150	8.7973	0.6	F
5003	2667.85	56 45N	156 11E	81.8	190.2	2.033	26.25	60.7	S0312	.04150	8.9787	0.4	V
5004	2669.25	56 39N	156 9E	81.8	190.1	2.033	26.25	60.7	S0312	.04150	8.9705	0.6	V
5005	2672.25	56 39N	156 9E	82.8	190.1	2.033	26.25	60.7	S0312	.04150	8.7561	0.4	A
5006	3511.45	7 10S	143 36E	95.5	186.5	2.733	20.30	53.0	S0312	.02260	7.5193	0.6	V
884 5001	8075.44	44 0N	131 41E	77.5	188.9	2.385	20.30	65.4	S0312	.02260	9.4734	0.4	V

Handle via
BYEMAN Channels
BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
884 5002	8078.24	44 0N	131 41E	78.7	188.9	2.385	20.65	65.8	S0312	.02260	9.2096	0.4	A
5003	8110.04	41 52N	129 47E	76.0	188.6	2.511	-22.05	66.8	S0312	.03150	9.6465	1.6	V
5004	8123.44	40 46N	129 14E	82.4	188.5	2.511	-30.80	67.4	S0312	.04150	8.7561	1.6	F
9001	8093.44	42 44N	130 47E	72.7	188.8	2.733	3.50	66.6	S0409	.05410	9.9775	0.6	F
9002	8098.64	42 44N	130 47E	72.8	188.7	2.733	4.20	66.6	S0409	.05410	9.9528	0.6	A
9003	8110.64	41 49N	129 47E	76.0	188.6	2.511	-22.05	66.8	S0409	.07190	9.6477	1.2	V
9004	8116.64	41 26N	129 38E	78.1	188.5	2.511	-24.50	66.9	S0409	.05410	9.3013	0.8	A
9005	8179.64	36 53N	128 36E	77.8	188.0	2.733	-22.40	69.7	S0409	.05410	9.3338	0.8	F
9006	8183.04	36 2N	129 26E	75.7	187.9	2.733	15.75	70.8	S0409	.07190	9.6972	1.0	V
9007	8202.44	35 20N	128 31E	73.1	187.9	2.733	-13.30	70.6	S0409	.07190	10.0435	1.0	V
9008	8860.44	9 30S	120 19E	91.8	186.5	3.439	-6.65	50.5	S0409	.05410	7.8006	1.6	A
885 9001	13141.44	60 45N	114 49E	74.2	193.2	1.687	-9.45	51.7	S0409	.05410	9.8786	0.8	V
9002	13182.64	57 53N	114 12E	74.2	192.1	2.033	9.10	54.4	S0409	.05410	9.8868	0.4	V
9003	13282.24	50 59N	110 60E	72.3	190.2	2.385	-2.45	60.2	S0409	.07190	10.0270	1.0	F
9004	13247.44	50 59N	110 60E	72.2	190.2	2.385	-1.75	60.2	S0409	.07190	10.0435	0.8	A
9005	13477.64	37 49N	106 49E	73.7	186.1	2.733	-18.20	69.3	S0409	.07190	9.9610	0.6	V
9006	13522.44	34 26N	107 16E	83.3	187.3	2.733	26.60	71.8	S0409	.05410	8.7324	0.6	F
9007	13529.44	33 59N	106 40E	73.9	187.8	2.872	9.45	71.7	S0409	.07190	9.8373	0.8	F
9008	13534.04	33 59N	106 40E	74.1	187.7	2.872	10.15	71.7	S0409	.07190	9.7651	0.6	A
9009	13541.04	33 0N	107 1E	84.5	187.7	2.733	27.65	72.4	S0409	.04090	8.6169	1.0	F
9010	13552.24	32 26N	105 52E	73.0	187.6	3.090	-9.45	71.9	S0409	.07190	9.9280	0.4	F
9011	13547.44	32 29N	105 52E	72.9	187.6	3.090	-8.40	71.9	S0409	.07190	9.9445	0.4	A
9012	13563.64	31 53N	105 14E	79.2	187.5	2.872	-27.30	71.7	S0409	.05410	9.2436	0.6	V
9013	13566.64	31 50N	105 14E	80.0	187.5	2.872	-26.95	71.7	S0409	.04090	9.0787	0.6	A
9014	13573.84	31 4N	105 10E	78.3	187.5	2.872	-23.80	72.0	S0409	.05410	9.2189	0.4	F
9015	13580.44	30 34N	105 37E	73.0	187.5	3.090	-2.45	72.6	S0409	.05410	9.9280	1.0	F
9016	13606.04	29 45N	105 15E	73.5	187.6	3.090	-2.10	72.9	S0409	.05410	9.8703	0.6	F
9017	13611.44	29 44N	105 15E	73.6	187.6	3.090	-1.05	72.9	S0409	.05410	9.8373	0.6	A
9018	13644.04	23 26N	103 20E	87.4	187.0	2.733	-34.30	72.0	S0409	.04090	8.2459	0.8	F
9019	13690.64	23 26N	103 25E	84.4	187.0	3.090	-31.15	72.1	S0409	.04090	8.6004	0.6	A
9020	13700.84	22 39N	103 56E	75.0	186.9	3.211	-5.25	72.6	S0409	.07190	9.6394	0.4	A
886 9001	18479.84	58 26N	92 17E	74.8	192.4	2.033	7.00	55.8	S0409	.05410	9.8889	0.4	F
9002	18485.24	58 26N	92 17E	74.9	192.2	1.810	7.70	55.8	S0409	.05410	9.6089	0.4	A
9003	18511.44	56 16N	91 46E	78.7	191.6	2.033	18.90	55.9	S0409	.07190	9.2271	0.4	F
9004	18514.24	56 16N	91 46E	77.9	191.6	2.033	19.25	55.9	S0409	.07190	9.4168	0.6	V
9005	18524.44	55 31N	90 19E	73.9	191.4	2.033	-9.45	56.3	S0409	.07190	9.7961	0.6	F
9006	18529.64	55 31N	90 19E	73.7	191.3	2.033	-8.75	56.3	S0409	.07190	9.8538	0.6	A
9007	18537.24	55 3N	89 45E	76.2	191.1	2.033	-18.55	56.6	S0409	.05410	9.5322	0.8	A
9008	18688.84	44 20N	86 5E	78.8	189.0	2.170	-25.55	65.1	S0409	.05410	9.1529	0.6	F
9009	18701.04	43 53N	87 8E	74.4	188.9	2.511	15.75	66.2	S0409	.05410	9.8703	0.6	V
9010	18716.84	42 12N	87 13E	84.1	188.7	2.385	28.70	67.3	S0409	.04090	8.6499	1.0	F
9011	18722.84	42 16N	87 13E	84.9	188.6	2.170	29.75	67.3	S0409	.04090	8.5345	1.0	A
9012	19101.24	15 52N	80 29E	77.9	186.7	3.439	-10.50	70.0	S0409	.05410	9.2684	0.8	F
9013	19106.84	15 52N	80 30E	77.8	186.7	3.439	-8.75	70.0	S0409	.05410	9.2949	0.6	A
9014	19131.44	13 46N	80 14E	78.2	186.6	3.439	-4.90	69.9	S0409	.05410	9.2519	0.6	F
9015	19137.04	13 47N	80 14E	78.3	186.6	3.439	-3.85	69.9	S0409	.05410	9.2106	0.6	A
887 9001	23754.03	60 45N	71 28E	75.9	193.2	1.810	9.80	51.8	S0409	.07190	9.8570	0.8	F
9002	23759.43	60 45N	71 28E	76.0	193.1	1.810	10.50	51.8	S0409	.07190	9.5405	1.0	A
9003	23821.43	56 0N	69 29E	77.5	191.6	2.033	16.45	56.0	S0409	.07190	9.3591	0.6	F
9004	23828.43	56 2N	69 22E	77.0	191.5	2.033	15.40	56.0	S0409	.05410	9.0305	0.4	A
9005	23845.03	54 50N	69 8E	79.8	191.1	2.033	21.35	57.1	S0409	.05410	9.0622	0.4	A
9006	23884.23	51 53N	67 22E	73.4	190.4	2.385	5.25	59.5	S0409	.05410	9.8868	0.8	F
9007	23889.43	51 53N	67 22E	73.5	190.4	2.170	6.30	59.5	S0409	.05410	9.8703	0.8	A
9008	23896.63	51 9N	66 20E	74.9	190.3	2.170	-16.10	59.9	S0409	.07190	9.6477	0.8	F
9009	23902.03	51 9N	66 20E	74.7	190.2	2.170	-15.40	59.9	S0409	.07190	9.7219	0.6	A
9010	23904.43	50 59N	66 17E	74.7	190.1	2.170	-15.40	60.1	S0409	.07190	9.7219	0.4	A
9011	23979.23	45 32N	64 5E	82.9	189.2	2.033	-30.80	64.1	S0409	.05410	8.7076	0.6	F
9012	23992.63	44 50N	63 32E	78.7	189.0	2.385	20.65	65.3	S0409	.05410	9.1941	0.6	A
9013	24062.83	39 47N	64 27E	84.1	188.4	2.385	29.05	68.9	S0409	.04090	8.7241	0.6	V
9014	24067.83	39 40N	64 22E	84.1	188.3	2.385	28.00	69.0	S0409	.04090	8.5839	0.8	A
9015	24077.63	39 2N	63 34E	73.6	188.2	2.733	7.35	69.0	S0409	.07190	9.8373	0.4	A
9016	24094.23	37 37N	62 11E	81.8	188.1	2.511	-29.75	69.2	S0409	.04090	8.8231	0.6	F
9017	24101.43	37 10N	62 22E	75.6	188.1	2.733	-21.00	69.6	S0409	.05410	9.7054	0.4	V
9018	24140.43	34 23N	62 16E	72.4	187.8	2.872	-0.70	71.3	S0409	.05410	10.0187	0.6	F
9019	24145.63	34 23N	62 16E	72.5	187.7	2.872	0.00	71.3	S0409	.05410	9.9940	0.6	A
9020	24708.43	4 37S	55 28E	92.6	186.4	3.090	16.45	55.2	S0409	.05410	7.8500	0.4	V
9021	24711.83	4 37S	55 27E	94.1	186.4	3.090	16.80	55.2	S0409	.05410	7.5862	0.4	A
888 9001	28950.83	69 0N	53 49E	76.1	197.5	1.332	-3.85	44.8	S0409	.05410	9.4992	0.6	F
9002	28956.23	69 0N	53 49E	75.9	197.2	1.332	-3.50	44.8	S0409	.05410	9.5487	0.8	A
9003	28961.63	67 57N	53 11E	75.2	197.0	1.332	-6.65	45.3	S0409	.07190	9.7301	0.6	V
9004	29079.03	59 29N	48 51E	76.6	192.6	1.810	13.30	53.0	S0409	.07190	9.4663	1.2	F
9005	29084.43	59 29N	48 51E	76.8	192.6	1.810	14.00	53.0	S0409	.07190	9.4415	1.4	A
9006	29131.23	56 0N	47 32E	78.7	191.5	2.033	20.65	56.0	S0409	.07190	9.3261	1.0	V
9007	29138.83	55 30N	46 26E	73.3	191.4	2.170	-0.35	56.4	S0409	.07190	9.8786	0.4	F
9008	29144.03	55 31N	46 26E	73.3	191.3	2.033	0.35	56.4	S0409	.07190	9.8951	0.6	A
9009	29153.23	54 51N	46 32E	74.8	191.1	2.033	10.15	57.0	S0409	.07190	9.6889	0.6	A
9010	29164.43	54 15N	45 11E	76.4	190.9	2.033	-14.90	57.4	S0409	.07190	9.4992	0.8	A
9011	29172.83	53 14N	45 5E	74.3	190.8	2.170	-12.95	58.2	S0409	.07190	9.7301	0.6	F
9012	29178.03	53 15N	45 5E	74.1	190.7	2.170	-12.25	58.2	S0409	.07190	9.7961	0.6	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
888 9013	29193.83	51 44N	45 14E	73.6	190.4	2.385	6.65	59.7	S0409	.07190	9.8456	0.4	F
9014	29199.03	51 49N	45 15E	73.8	190.5	2.170	7.70	59.7	S0409	.07190	9.8291	0.6	A
9015	29202.63	51 53N	45 5E	73.4	190.3	2.385	5.60	59.8	S0409	.07190	9.8786	1.2	A
9016	29223.63	49 47N	43 42E	75.8	193.0	2.170	-18.55	61.0	S0409	.07190	9.5322	0.8	F
9017	29233.03	49 1N	44 35E	76.2	189.8	2.385	15.05	62.0	S0409	.07190	9.5322	0.6	F
9018	29238.43	49 2N	44 36E	76.3	189.8	2.170	15.75	62.0	S0409	.07190	9.4745	0.6	A
9019	29241.83	48 58N	44 31E	76.4	189.7	2.385	15.75	62.2	S0409	.07190	9.4928	1.2	A
9020	29245.83	48 54N	44 18E	74.6	189.7	2.385	13.65	62.5	S0409	.07190	9.8373	0.6	V
9021	29254.43	47 49N	43 7E	74.9	189.5	2.385	-16.80	62.7	S0409	.07190	9.6599	1.0	F
9022	29259.83	47 45N	43 7E	74.7	189.5	2.385	-16.10	62.7	S0409	.07190	9.7219	1.0	A
9023	29264.23	47 41N	42 25E	82.8	189.4	2.170	-30.80	62.9	S0409	.05410	8.7654	0.8	A
9024	29280.63	45 59N	42 37E	74.5	189.2	2.385	-16.10	64.1	S0409	.07190	9.6972	0.8	F
9025	29286.03	45 53N	42 37E	74.3	189.2	2.511	-15.40	64.1	S0409	.07190	9.7714	0.8	A
9026	29294.63	45 45N	42 7E	76.9	189.1	2.385	-24.15	64.5	S0409	.07190	9.5240	0.6	V
9027	29304.63	44 36N	42 58E	74.3	189.0	2.511	11.55	65.7	S0409	.07190	9.7631	0.6	F
9028	29310.03	44 30N	42 57E	74.5	188.9	2.511	12.25	65.7	S0409	.07190	9.7194	0.6	A
9029	29324.63	42 54N	41 9E	86.2	188.8	2.170	-34.65	65.9	S0409	.04090	8.3531	1.0	F
9030	29334.03	42 15N	41 41E	73.9	188.7	2.511	-13.65	66.7	S0409	.04090	9.7361	1.2	F
9031	29339.23	42 10N	41 41E	73.7	188.6	2.733	-13.30	66.7	S0409	.04090	9.5456	1.2	A
9032	29344.83	41 59N	41 37E	72.4	188.6	2.733	-11.20	67.1	S0409	.07190	10.1342	0.4	V
9033	29348.23	41 56N	41 34E	73.3	188.5	2.733	-11.55	67.2	S0409	.07190	9.9033	0.6	A
9034	29371.43	39 50N	41 11E	72.3	188.3	2.733	-11.20	68.2	S0409	.04090	10.0352	1.2	A
9035	29433.43	35 42N	40 9E	73.2	187.9	2.872	-9.80	70.7	S0409	.07190	9.8868	0.6	F
9036	29438.63	35 42N	40 9E	73.1	187.8	2.872	-9.10	70.7	S0409	.07190	9.9115	0.6	A
9037	29448.03	32 59N	39 41E	73.2	187.7	2.872	-7.00	71.7	S0409	.07190	9.8951	0.6	F
9038	29473.23	32 59N	39 41E	73.2	187.6	3.090	-6.30	71.8	S0409	.07190	9.9033	0.6	A
9039	29486.83	31 44N	38 41E	84.7	187.5	2.511	-32.90	71.6	S0409	.03090	8.5015	1.0	F
9040	29492.83	31 44N	38 44E	82.6	187.5	2.733	-30.45	71.7	S0409	.05410	8.7983	0.8	A
9041	29640.43	19 41N	37 15E	76.4	186.8	3.211	2.45	71.9	S0409	.07190	9.4745	0.6	F
9042	29665.83	19 41N	37 15E	76.7	186.8	3.211	3.15	71.9	S0409	.07190	9.4168	0.8	A
9043	29826.03	8 12N	35 34E	85.2	186.5	3.211	17.50	65.6	S0409	.04090	8.5097	1.0	F
9044	29832.23	8 12N	35 34E	86.0	186.5	3.090	18.55	65.7	S0409	.04090	8.3366	1.0	A
9045	29846.23	7 14N	35 25E	87.5	186.5	2.872	19.60	65.0	S0409	.05410	8.2046	1.0	A
9046	29923.83	1 46N	33 38E	84.5	186.4	3.574	-15.40	60.1	S0409	.04090	8.6087	1.0	V
9047	29938.83	0 42N	33 21E	87.2	186.4	3.439	-18.55	59.0	S0409	.05410	8.2376	0.6	F
9048	29941.83	0 42N	33 21E	86.2	186.4	3.439	-18.20	59.0	S0409	.05410	8.4439	0.6	V
9049	30294.43	23 53S	29 30E	102.1	187.0	3.211	1.40	57.5	3414	.01680	6.9325	1.2	F
9050	30301.83	23 52S	29 20E	103.3	187.0	3.211	1.40	57.5	3414	.01680	6.8683	0.8	A
889 9001	34236.23	69 25N	33 43E	77.3	198.7	1.332	8.05	43.6	3414	.02200	9.3573	0.2	F
9002	34249.03	68 53N	32 58E	76.3	197.9	1.332	3.85	44.1	3414	.02200	9.4910	0.4	A
9003	34422.83	57 48N	24 27E	75.2	191.9	1.687	-13.65	54.9	3414	.01680	9.6147	0.6	F
9004	34426.43	57 0N	24 27E	74.0	191.8	1.687	-12.60	55.0	3414	.01680	9.9115	0.6	V
9005	34448.63	55 10N	23 53E	73.9	191.3	2.033	-9.30	56.5	3414	.01680	9.7879	0.6	F
9006	34454.03	55 10N	23 53E	73.7	191.2	2.033	-9.10	56.5	3414	.01680	9.8573	0.6	A
9007	34470.23	53 49N	23 50E	73.6	190.9	2.033	5.25	57.9	3414	.01680	9.8538	2.0	F
9008	34475.43	53 47N	23 46E	73.4	190.8	2.033	4.20	57.9	3414	.01680	9.8786	1.2	A
9009	34525.23	50 4N	22 6E	72.7	190.0	2.385	-6.65	60.9	3414	.01680	9.9528	0.6	F
9010	34530.43	50 4N	22 6E	72.7	190.0	2.385	-6.95	60.9	3414	.01680	9.9775	0.6	A
9011	34555.63	47 50N	21 43E	72.8	189.6	2.385	2.45	62.7	3414	.01680	9.9610	0.4	F
9012	34558.23	47 50N	21 43E	71.9	189.6	2.385	2.80	62.7	3414	.01680	10.1913	0.4	V
9013	34561.23	47 54N	21 38E	72.8	189.5	2.385	3.85	63.0	3414	.01680	9.9610	1.4	F
9014	34566.43	47 54N	21 38E	72.9	189.5	2.385	4.55	63.0	3414	.01680	9.9363	1.2	A
9015	34574.43	46 42N	21 9E	72.4	189.4	2.385	-2.80	63.6	3414	.01680	10.0105	0.4	F
9016	34581.03	46 15N	21 16E	73.1	189.3	2.385	5.60	64.1	3414	.01680	9.9280	0.8	F
9017	34585.83	46 10N	21 17E	73.3	189.2	2.385	6.65	64.1	3414	.01680	9.8786	1.4	A
9018	34599.83	45 47N	21 12E	72.7	189.2	2.385	7.70	64.4	3414	.01680	10.0030	0.6	V
9019	34592.63	45 40N	21 11E	73.6	189.2	2.385	8.05	64.4	3414	.01680	9.9373	0.8	A
9020	34600.03	44 36N	20 27E	72.9	189.1	2.385	-9.45	64.8	3414	.01680	9.9280	0.4	F
9021	34602.63	44 36N	20 27E	72.0	189.1	2.385	-9.10	64.8	3414	.01680	10.1497	0.6	V
9022	34607.03	44 31N	20 19E	73.4	189.0	2.385	-11.90	64.9	3414	.01680	9.8868	0.8	A
9023	34615.43	43 51N	20 36E	73.0	186.9	2.385	5.95	65.8	3414	.00920	9.9363	0.6	F
9024	34620.63	43 52N	20 36E	73.2	186.9	2.385	6.65	65.8	3414	.00920	9.8951	1.0	A
9025	34627.63	43 41N	20 34E	73.4	186.8	2.385	11.55	66.4	3414	.01680	9.9940	0.6	V
9026	34630.43	43 10N	20 34E	74.4	186.8	2.385	11.90	66.4	3414	.01680	9.7301	0.6	A
9027	34643.03	42 4N	19 32E	73.7	186.7	2.385	-13.30	66.8	3414	.01680	9.8208	0.4	F
9028	34645.63	42 2N	19 32E	72.7	186.6	2.385	-12.95	66.8	3414	.01680	10.0765	0.6	V
9029	34650.83	41 57N	19 44E	72.4	186.6	2.733	-1.75	67.4	3414	.00920	10.0105	0.8	F
9030	34656.03	41 51N	19 43E	72.4	186.5	2.733	-1.40	67.4	3414	.00920	10.0105	0.6	A
9031	34657.83	41 50N	19 41E	72.2	186.5	2.733	-1.40	67.5	3414	.00920	10.0352	0.6	A
9032	34664.63	40 52N	19 17E	72.9	186.5	2.733	-9.10	67.9	3414	.02200	9.9363	0.6	F
9033	34669.83	40 52N	19 18E	72.7	186.4	2.733	-8.05	67.9	3414	.02200	9.9693	0.8	A
9034	34826.03	29 42N	17 59E	91.4	187.4	2.170	33.95	73.6	3414	.01280	7.8830	0.2	A
9035	35278.03	1 10S	10 38E	95.0	186.4	3.439	-28.00	57.4	3414	.01280	7.5779	0.6	A
9036	35285.03	1 40S	11 4E	86.8	186.4	3.439	-3.40	57.2	3414	.01280	8.2706	1.0	A
9037	35308.63	3 25S	10 41E	88.7	186.4	3.439	-12.60	55.8	3414	.01280	8.0892	1.0	A
890 9001	39913.02	44 34N	1 7W	74.0	189.0	2.385	12.60	65.4	3414	.01680	9.9033	0.6	V
9002	39915.83	44 33N	1 7W	75.0	189.0	2.385	12.95	65.4	3414	.01680	9.6594	0.4	A
9003	40047.62	35 10N	3 51W	72.8	187.9	2.733	0.70	71.0	3414	.01680	9.9528	0.8	F
9004	40052.82	35 11N	3 50W	73.0	187.8	2.733	1.75	71.0	3414	.01680	9.9198	0.8	A
9005	40372.42	13 11N	8 20W	78.4	186.5	3.439	-4.55	68.6	3414	.00920	9.1941	0.4	A
891 9001	45315.22	37 46N	25 40W	73.3	188.1	2.733	-11.55	69.5	3414	.01680	9.8766	0.6	F
9002	45320.42	37 46N	25 40W	73.2	188.1	2.733	-10.85	69.5	3414	.01680	9.9115	0.8	A

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
891 9003	45985.02	8 6S	34 55W	101.9	186.5	3.439	-31.85	51.4	3414	.00920	7.1244	0.6	V
9004	45988.82	8 6S	34 55W	102.7	186.5	3.439	-31.15	51.4	3414	.00920	7.0007	0.6	A
892 9001	51194.22	1 51S	55 31W	89.7	186.4	3.574	-19.95	57.0	3414	.01280	8.0067	1.2	F
9002	51204.02	2 24S	54 49W	88.6	186.4	3.211	12.25	57.0	3414	.01280	8.2129	0.8	V
9003	51229.02	4 15S	55 57W	91.5	186.4	3.439	-20.30	54.9	3414	.01280	7.8418	1.0	F
9004	51235.02	4 42S	55 60W	92.2	186.4	3.439	-21.00	55.0	3414	.01280	7.8006	1.0	A
9005	51341.62	11 29S	57 20W	97.7	186.6	3.439	-21.70	48.5	3414	.01280	7.3368	1.0	A
9006	51374.82	14 10S	57 41W	97.2	186.6	3.439	-17.85	46.1	3414	.01680	7.3553	0.6	F
9007	51381.22	14 41S	57 49W	98.7	186.6	3.439	-19.60	45.7	3414	.01680	7.2481	1.0	F
9008	51386.22	14 47S	57 43W	95.4	186.6	3.439	-15.05	45.6	3414	.01680	7.5532	0.6	V
9009	51495.62	22 31S	58 58W	101.2	186.9	3.211	-8.40	38.6	3414	.01680	7.0584	0.6	F
9010	51501.82	22 42S	58 56W	100.1	187.0	3.211	-5.60	38.5	3414	.01680	7.2069	1.0	V
9011	51506.82	23 0S	58 54W	100.3	187.0	3.211	-2.45	38.2	3414	.01680	7.1904	1.0	V
9012	51512.22	23 25S	58 55W	100.7	187.0	3.211	-0.70	37.8	3414	.01680	7.1656	0.8	V
9013	51517.62	24 4S	58 51W	103.0	187.0	3.211	4.55	37.3	3414	.01680	6.9430	1.0	F
9014	51522.82	24 9S	58 59W	101.6	187.0	3.211	1.75	37.2	3414	.01680	7.0997	1.0	V
9015	51528.02	24 15S	58 57W	103.5	187.0	3.211	3.85	37.1	3414	.01680	6.8605	0.6	A
9016	51535.42	24 44S	59 12W	103.2	187.1	3.211	-1.05	36.6	3414	.01680	6.8770	0.6	A
9017	51732.62	38 36S	62 7W	114.7	188.2	2.872	0.70	23.5	3414	.02200	6.1844	0.8	F
9018	51741.02	38 55S	62 7W	115.5	188.2	2.872	1.40	23.5	3414	.02200	6.1019	1.0	A
910 5001	59644.17	42 50N	84 34W	74.0	188.7	2.511	-17.50	66.3	SO312	.03150	9.9021	1.4	V
5002	59761.17	34 07N	86 39W	76.7	187.8	2.733	-21.35	70.9	SO312	.02260	9.4074	0.6	F
5003	59766.57	34 07N	86 38W	76.3	187.8	2.872	-20.30	70.9	SO312	.02260	9.5064	0.6	A
9001	59644.17	42 50N	84 38W	74.0	188.7	2.511	-17.50	66.3	3414	.01680	9.9033	1.2	V
9002	59760.97	34 07N	86 38W	76.8	187.8	2.733	-21.35	70.9	3414	.01280	9.4085	0.8	F
9003	59766.57	34 07N	86 38W	76.3	187.8	2.872	-20.30	70.9	3414	.01280	9.5075	0.6	A
916 5001	5099.75	42 50N	143 11E	71.4	188.8	2.511	-1.75	66.4	SO312	.03150	10.2897	0.6	V
5002	5906.15	12 06S	132 54E	97.5	186.6	3.090	14.70	47.9	SO312	.03150	7.4286	0.8	V
5003	5909.95	12 09S	132 54E	99.5	186.6	2.872	15.75	47.9	SO312	.03150	7.1413	0.6	A
9001	5099.75	42 50N	143 11E	71.4	188.8	2.511	-1.75	66.5	3414	.01680	10.2909	0.6	V
9002	5104.35	42 46N	143 14E	72.4	188.7	2.733	1.75	66.6	3414	.01680	10.0167	1.0	A
917 9001	10372.95	46 44N	121 29E	74.0	189.2	2.511	-19.05	64.3	3414	.01680	9.8126	0.8	A
9002	10423.35	41 53N	120 43E	72.3	188.6	2.733	-4.20	67.1	3414	.01680	10.0552	0.6	F
9003	10432.55	41 33N	121 12E	76.5	188.5	2.511	16.45	67.6	3414	.01280	9.4563	0.8	A
9004	10436.75	41 10N	121 14E	78.3	188.5	2.511	19.95	67.9	3414	.01280	9.2436	0.6	A
9005	10528.55	34 47N	119 22E	73.7	187.8	2.872	10.15	71.4	3414	.01680	9.9693	0.4	V
9006	10531.15	34 47N	119 22E	74.7	187.8	2.872	10.50	71.4	3414	.01680	9.6772	0.4	A
9007	10695.95	23 29N	116 36E	74.9	187.0	3.211	-5.25	72.7	3414	.01680	9.6642	0.8	A
9008	11133.15	6 47S	110 52E	92.2	186.5	3.439	-19.25	52.7	3414	.01280	7.4836	0.8	V
9009	11136.54	6 47S	110 51E	93.3	186.5	3.439	-18.90	52.7	3414	.01280	7.7016	0.6	A
9010	11144.34	7 46S	110 26E	99.4	186.5	3.439	-24.00	51.6	3414	.00920	7.2069	0.6	F
9011	11147.94	7 46S	110 26E	98.2	186.5	3.439	-27.65	51.6	3414	.01280	7.3965	0.6	V
918 5001	15531.14	56 15N	101 57E	87.3	191.5	1.687	-34.30	55.5	SO312	.02260	6.3356	0.4	A
919 9001	20892.34	52 01N	80 12E	74.6	190.5	2.170	10.15	59.1	3414	.01280	9.7136	0.4	A
9002	20899.94	52 2N	80 21E	77.9	190.4	2.033	18.55	59.6	3414	.01280	9.3013	0.4	A
9003	20916.94	50 01N	79 6E	72.6	190.1	2.385	-2.10	60.7	3414	.01280	9.9775	0.4	F
9004	20919.54	50 01N	79 6E	71.8	190.1	2.385	-1.75	60.7	3414	.01280	10.2166	0.4	V
9005	20924.54	50 0N	78 54E	72.5	190.0	2.385	-2.80	61.1	3414	.01680	9.9950	2.0	F
9006	20929.74	50 0N	78 54E	72.5	189.9	2.385	-2.10	61.1	3414	.01680	10.0023	2.0	A
9007	21003.74	44 52N	77 42E	74.6	189.0	2.511	12.95	65.5	3414	.01680	9.7584	0.4	F
9008	21006.34	44 52N	77 42E	73.9	189.0	2.511	13.30	65.5	3414	.01680	9.9563	0.6	V
9009	21013.74	43 54N	77 3E	72.1	188.9	2.511	-3.15	65.7	3414	.01280	10.0517	0.8	F
9010	21019.34	43 31N	76 55E	72.1	188.9	2.511	-3.85	66.0	3414	.01280	10.0500	0.6	F
9011	21021.34	43 20N	76 53E	72.0	188.9	2.511	-3.85	66.1	3414	.01280	10.0542	0.6	F
9012	21022.74	43 17N	76 51E	72.0	188.8	2.511	-3.85	66.2	3414	.01280	10.0600	0.4	F
9013	21026.54	43 20N	76 53E	72.0	188.8	2.511	-3.15	66.1	3414	.01280	10.0632	0.6	A
9014	21034.94	42 50N	76 12E	74.5	188.7	2.511	-18.90	66.5	3414	.01280	9.6972	0.6	F
9015	21038.34	42 27N	76 8E	74.3	188.7	2.511	-20.30	66.5	3414	.01280	9.8621	0.6	V
9016	21156.94	34 6N	74 4E	77.6	187.8	2.733	-24.15	71.0	3414	.01280	9.3178	0.6	F
9017	21159.74	34 6N	74 4E	76.5	187.7	2.733	-23.80	71.0	3414	.01280	9.3817	0.6	V
9018	21166.54	33 59N	74 19E	73.4	187.7	2.872	-9.10	71.6	3414	.01280	9.8621	0.8	F
9019	21171.94	33 44N	74 19E	73.3	187.7	2.872	-8.40	71.6	3414	.01280	9.8786	0.6	A
9020	21177.54	33 49N	74 24E	72.1	187.6	2.872	0.00	72.0	3414	.01280	10.1754	0.6	V
9021	21182.94	33 17N	74 7E	73.2	187.6	2.872	-7.35	72.0	3414	.01280	9.8868	0.8	F
9022	21188.14	33 17N	74 7E	73.2	187.6	3.090	-7.00	72.0	3414	.01280	9.8951	1.0	A
9023	21198.14	31 53N	74 24E	75.4	187.5	2.872	11.20	72.6	3414	.01280	9.5300	0.8	A
9024	21215.94	30 4N	73 17E	77.5	187.4	2.872	-21.35	72.5	3414	.01280	9.3176	0.6	F
920 9001	26116.14	57 50N	60 6E	73.9	192.2	2.033	2.45	54.4	3414	.01680	9.8126	0.4	F
9002	26121.54	57 57N	60 6E	73.9	192.1	2.033	3.15	54.4	3414	.01680	9.8126	0.4	A
9003	26322.54	43 55N	54 54E	72.3	189.9	2.511	-3.85	65.7	3414	.01680	10.0270	0.6	F
9004	26327.74	43 55N	54 54E	72.3	188.9	2.511	-3.15	65.7	3414	.01680	10.0352	0.6	A
9005	26443.74	35 46N	52 47E	71.0	187.9	2.872	-6.65	70.6	3414	.01680	10.3208	0.6	V

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
920 9006	26451.74	35 10N	52 19E	74.8	187.8	2.733	-19.60	70.6	3414	.01690	9.8043	0.6	V
9007	26487.54	32 50N	51 45E	75.7	187.8	2.872	-19.95	71.6	3414	.01690	9.5405	1.0	F
9008	26529.74	29 09N	51 39E	73.3	187.4	3.090	0.70	72.8	3414	.01690	9.8951	0.6	F
9009	26534.94	29 09N	51 39E	73.5	187.4	3.090	1.75	72.0	3414	.01690	9.8538	0.6	A
9010	26581.34	26 10N	50 39E	74.4	187.2	3.090	-11.90	72.8	3414	.01690	9.8538	1.0	V
9011	26587.54	26 4N	50 32E	75.8	187.1	3.211	-14.00	72.4	3414	.01280	9.5570	1.0	A
921 9001	31329.13	64 20N	41 25E	75.0	195.0	1.687	-1.40	48.5	3414	.01680	9.6477	0.8	F
9002	31334.53	64 20N	41 24E	74.9	194.8	1.687	-1.05	48.5	3414	.01680	9.6724	0.6	A
9003	31348.73	62 50N	41 46E	82.7	194.3	1.810	23.45	50.0	S0409	.07190	8.7736	0.6	F
9004	31354.73	62 34N	41 47E	83.1	194.1	1.475	24.50	50.0	S0409	.07190	8.7159	0.8	A
9005	31463.73	55 14N	36 33E	73.2	191.3	2.033	-4.55	56.6	S0409	.07190	9.8068	0.6	F
9006	31468.93	55 20N	36 34E	73.1	191.2	2.033	-3.85	56.6	S0409	.07190	9.9196	0.8	A
9007	31484.13	53 50N	35 47E	73.9	191.0	2.033	-10.85	57.7	S0409	.07190	9.7879	0.4	F
9008	31489.33	53 34N	35 47E	73.7	190.9	2.170	-10.15	57.7	S0409	.07190	9.8856	0.8	A
9009	31497.13	53 0N	36 3E	73.7	190.7	2.170	6.65	58.7	S0409	.07190	9.8373	0.6	F
9010	31502.53	52 50N	36 3E	73.8	190.6	2.170	7.35	58.7	S0409	.07190	9.8126	0.4	A
9011	31516.33	51 42N	35 37E	73.9	190.4	2.170	8.05	59.8	S0409	.07190	9.8206	0.4	F
9012	31521.53	51 42N	35 37E	74.0	190.3	2.170	8.75	59.8	S0409	.07190	9.7874	0.6	A
9013	31535.73	50 24N	34 58E	72.9	190.1	2.385	2.10	60.8	S0409	.07190	9.9528	0.6	F
9014	31542.53	50 16N	34 51E	72.7	190.0	2.385	0.35	60.9	S0409	.07190	9.9775	0.8	A
9015	31546.93	49 52N	34 30E	72.6	189.9	2.385	-4.55	61.4	S0409	.07190	9.9775	1.0	F
9016	31552.13	49 52N	34 30E	72.5	189.9	2.385	-3.85	61.4	S0409	.07190	9.9940	1.0	A
9017	31562.73	48 51N	34 40E	74.8	189.7	2.385	11.90	62.4	S0409	.07190	9.7054	0.6	F
9018	31569.13	48 31N	34 40E	75.0	189.7	2.385	12.60	62.4	S0409	.07190	9.6477	0.6	A
9019	31579.33	47 56N	33 26E	75.9	189.5	2.385	-14.60	62.6	S0409	.07190	9.5652	0.4	A
9020	31597.13	46 42N	32 38E	83.0	189.3	2.170	-31.15	63.3	S0409	.05410	8.7654	0.6	A
9021	31610.53	45 52N	32 42E	75.6	189.1	2.385	-21.00	64.3	S0409	.07190	9.6472	0.4	V
9022	31613.33	45 36N	32 42E	76.3	189.1	2.385	-20.65	64.4	S0409	.07190	9.5157	0.4	A
9023	31735.33	36 56N	30 48E	72.6	186.0	2.733	-11.55	70.0	S0409	.07190	10.0330	0.8	V
9024	31815.13	31 10N	29 52E	73.9	187.5	3.090	1.05	72.5	S0409	.07190	9.8703	0.8	F
9025	31820.33	31 10N	29 53E	73.7	187.5	2.872	2.80	72.5	S0409	.07190	9.8206	1.0	A
9026	31841.53	29 27N	28 52E	76.6	187.4	2.872	-23.45	72.3	S0409	.05410	9.1777	1.0	F
9027	32527.53	17 40S	20 4E	107.3	186.7	3.439	-29.40	82.8	S0409	.05410	6.7368	1.4	V
922 9001	36845.53	50 14N	12 51E	72.9	190.1	2.385	3.50	61.0	S0409	.07190	9.9410	0.6	F
9002	36846.73	50 9N	12 49E	72.6	190.1	2.385	3.50	61.0	S0409	.07190	9.9952	0.6	F
9003	36851.93	50 10N	12 48E	72.6	190.0	2.385	3.85	61.0	S0409	.07190	9.9775	0.6	A
9004	36855.53	49 49N	12 45E	72.3	189.9	2.385	6.30	61.4	S0409	.07190	10.1307	0.6	V
9005	36861.73	49 27N	12 54E	75.6	189.8	2.170	14.70	61.7	S0409	.07190	9.5417	0.4	A
9006	36890.53	47 54N	12 4E	73.3	189.5	2.385	7.70	63.2	S0409	.07190	9.8366	0.6	A
9007	36999.73	39 49N	9 27E	72.5	188.4	2.733	-8.75	68.5	S0409	.04030	9.9940	0.6	F
9008	37004.93	39 49N	9 27E	72.4	188.3	2.733	-8.05	68.5	S0409	.04030	10.0187	0.8	A
924 9001	48241.52	3 20S	43 23W	90.4	186.4	3.574	-20.65	55.5	S0409	.05410	6.0315	1.6	V
9002	48290.12	6 49S	43 4W	92.6	186.5	3.090	14.00	53.1	S0409	.05410	7.8414	0.8	V
9003	48302.52	7 40S	44 30W	104.4	186.5	3.574	-33.60	51.9	S0409	.05410	6.7358	0.4	A
9004	48444.32	16 09S	45 50W	104.0	186.7	3.574	-24.15	45.3	S0409	.05410	6.8648	1.0	A
9005	48523.92	21 0S	45 42W	110.6	187.0	2.733	20.30	38.3	S0409	.05410	6.4750	0.4	F
9006	48532.32	21 36S	46 39W	101.9	187.0	3.211	-5.95	37.5	S0409	.07190	7.8098	0.4	F
9007	48536.12	21 33S	46 40W	101.0	187.0	3.211	-5.60	37.5	S0409	.07190	7.1409	1.4	V
9008	48540.72	21 36S	46 41W	102.5	187.0	3.439	-5.60	37.5	S0409	.07190	6.5547	0.6	A
925 9001	53375.92	9 10N	63 32W	85.9	186.5	3.439	-23.45	64.7	S0409	.05410	6.3778	0.8	F
9002	53382.32	9 7N	63 31W	85.2	186.5	3.574	-21.70	64.7	S0409	.05410	6.4635	0.6	A
9003	53683.32	12 40S	66 30W	93.4	186.6	3.211	3.85	47.6	S0409	.05410	7.7593	0.8	V
9004	53688.72	13 12S	66 21W	95.9	186.6	3.090	11.20	47.3	S0409	.05410	7.5446	1.0	V
9005	53695.52	13 20S	66 29W	96.4	186.6	3.211	8.40	47.1	S0409	.05410	7.3183	1.0	A
9006	53738.92	14 30S	68 7W	105.1	186.7	3.439	-27.65	45.7	S0409	.05410	6.8853	0.6	V
9007	53742.72	14 29S	68 7W	106.3	186.7	3.439	-27.30	45.7	S0409	.05410	6.7286	0.6	A
9008	53979.32	33 10S	70 34W	110.3	187.6	2.872	-2.10	28.5	S0409	.07190	6.4452	0.8	F
9009	53983.12	33 20S	70 36W	110.5	187.7	2.872	-1.05	28.2	S0409	.07190	6.4317	0.4	F
9010	53987.12	33 23S	70 38W	109.6	187.7	2.872	-0.45	28.3	S0409	.07190	6.5472	0.4	V
9011	53990.72	33 23S	70 43W	111.1	187.7	3.090	-2.45	28.3	S0409	.07190	6.3558	0.8	A
926 5001	5A662.12	9 34N	85 29W	84.4	186.5	3.439	-28.00	65.8	S0312	.03150	8.1954	0.8	A
932 9001	3579.50	45 30N	149 26E	77.6	189.2	2.170	-23.10	64.3	S0409	.05410	9.3013	0.6	F
9002	3585.10	45 30N	149 26E	77.3	189.1	2.385	-22.75	64.3	S0409	.05410	9.4303	0.4	A
933 9001	8806.10	51 10N	128 44E	82.9	190.5	1.810	-38.10	59.8	S0409	.05410	8.6911	0.8	F
9002	8811.90	51 10N	128 43E	82.7	190.2	2.033	-38.10	59.8	S0409	.05410	8.7901	1.0	A
9003	8821.10	50 41N	129 27E	72.6	190.1	2.385	-1.05	61.0	S0409	.07190	9.9494	0.6	F
9004	8826.30	50 41N	129 27E	72.5	190.0	2.385	-0.35	61.0	S0409	.07190	9.9358	0.6	A
9005	8961.50	40 39N	125 27E	90.2	188.5	2.033	-38.15	67.4	S0409	.05410	7.9302	0.4	F
9006	8964.70	40 39N	125 27E	89.1	188.4	2.033	-38.15	67.4	S0409	.05410	8.2211	0.4	V
9007	8967.90	40 39N	125 27E	89.8	188.4	2.385	-38.15	67.4	S0409	.05410	8.0974	0.4	A
9008	8973.10	39 49N	125 45E	78.7	188.4	2.511	-25.20	68.1	S0409	.05410	9.1694	0.6	F
9009	8978.70	39 50N	125 45E	78.3	188.3	2.511	-24.50	68.1	S0409	.05410	9.2766	0.6	A
9010	8987.90	39 0N	125 45E	73.1	188.2	2.733	-11.90	69.4	S0409	.07190	9.9033	0.6	F
9011	9001.90	37 49N	125 38E	73.9	188.1	2.733	-13.65	69.5	S0409	.05410	7.7379	1.0	F

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
933 9012	9007.10	37 49N	125 38E	73.7	188.1	2.733	-12.95	63.5	S0409	.05410	9.8373	1.0	A
934 9001	14104.70	51 53N	107 58E	72.7	190.4	2.170	0.35	59.6	S0409	.05410	9.9775	0.6	F
9002	14109.90	51 53N	107 58E	72.7	190.4	2.170	1.05	59.6	S0409	.05410	9.9775	0.6	A
9003	14113.30	51 49N	107 52E	72.4	190.5	2.170	0.35	59.8	S0409	.05410	10.0276	0.4	A
9004	14163.30	47 52N	106 46E	72.5	189.6	2.385	4.90	62.9	S0409	.05410	10.0105	0.6	F
9005	14168.50	47 52N	106 46E	72.6	189.5	2.385	5.60	62.9	S0409	.05410	9.9958	0.6	A
9006	14448.50	28 44N	102 8E	76.5	187.5	2.872	14.70	73.3	S0409	.05410	9.5157	1.0	F
9007	14454.10	28 44N	102 8E	77.0	187.3	2.872	15.75	73.3	S0409	.05410	9.5368	0.8	A
9008	14478.10	26 41N	101 47E	78.1	187.2	2.872	17.85	73.5	S0409	.05410	9.5174	0.4	F
9009	14481.70	25 42N	100 30E	80.8	187.1	2.872	-26.95	72.4	S0409	.05410	9.9303	0.4	F
935 5001	19362.89	55 25N	86 3E	81.7	191.5	1.687	-27.65	56.4	S0312	.02250	8.8468	1.2	F
5002	19364.89	55 15N	85 60E	81.6	191.3	1.687	-27.65	56.5	S0312	.02250	8.8550	0.6	F
5003	19373.49	55 0N	85 57E	80.8	191.1	1.810	-26.60	56.7	S0312	.03150	8.9952	0.6	A
9001	19369.69	55 16N	86 7E	79.8	191.2	2.033	-25.20	56.5	S0409	.05410	9.1117	0.8	A
9002	19382.29	53 57N	86 40E	73.2	191.0	2.170	1.40	57.9	S0409	.07190	9.9115	0.6	F
9003	19387.49	53 50N	86 40E	73.2	190.9	2.170	2.10	57.9	S0409	.07190	9.9115	0.6	A
9004	19409.69	52 50N	85 13E	78.0	190.5	2.033	-22.75	58.8	S0409	.07190	9.3096	0.4	A
936 5001	24706.69	53 15N	63 37E	75.3	190.7	2.033	-16.10	58.3	S0312	.03150	9.6630	0.6	A
5002	24719.89	51 51N	64 13E	75.9	190.4	2.385	14.00	59.8	S0312	.03150	9.5641	0.8	F
5003	24725.29	51 51N	64 14E	76.3	190.4	2.170	15.05	59.8	S0312	.03150	9.5146	0.8	A
5004	24937.29	37 42N	59 38E	73.1	188.0	2.872	3.85	70.0	S0312	.03150	9.3104	0.6	A
5005	24949.49	36 19N	59 37E	74.1	188.0	2.733	12.60	70.7	S0312	.03150	9.5021	0.6	U
5006	25115.09	25 13N	56 22E	79.1	187.1	3.090	-21.70	72.5	S0312	.04150	9.1344	0.6	A
9001	24667.09	55 29N	65 20E	74.1	191.4	2.170	5.95	56.6	S0409	.07190	9.7879	0.4	F
9002	24672.29	55 29N	65 20E	74.0	191.3	2.033	6.30	56.6	S0409	.07190	9.7879	0.6	A
9003	24700.49	53 17N	63 40E	75.2	190.8	2.033	-15.75	58.3	S0409	.07190	9.6147	1.4	F
9004	24705.69	53 10N	63 38E	75.3	190.7	2.033	-16.10	58.3	S0409	.07190	9.6642	1.8	A
9005	24794.69	46 54N	61 40E	73.8	189.4	2.385	-12.95	63.5	S0409	.05410	9.8043	0.6	F
9006	24799.89	46 51N	61 40E	73.6	189.3	2.511	-12.25	63.5	S0409	.05410	9.8621	0.6	A
9007	24925.89	37 52N	58 40E	82.0	188.1	2.385	-29.75	69.1	S0409	.04090	8.8066	0.6	F
9008	24936.89	37 44N	59 38E	73.1	188.1	2.872	3.85	70.0	S0409	.04090	9.9115	0.4	A
9009	24953.09	36 10N	59 39E	75.6	187.9	2.733	14.35	70.8	S0409	.04090	9.5652	0.6	A
9010	25210.49	18 16N	55 18E	77.7	186.8	3.211	-12.60	70.9	S0409	.05410	9.3013	0.8	F
9011	25216.89	18 10N	55 11E	78.9	186.7	3.439	-16.45	70.8	S0409	.05410	9.1777	1.0	A
9012	25745.29	13 7S	49 26E	100.7	186.8	3.090	8.40	42.7	S0409	.07190	7.0594	0.8	A
937 5001	30340.29	30 39N	35 12E	79.9	187.4	2.872	-26.95	72.0	S0312	.03150	9.1931	0.6	V
5002	30346.29	30 3N	34 57E	83.9	187.4	2.733	-31.50	72.0	S0312	.03150	8.5994	0.6	F
5003	30349.29	30 0N	34 57E	82.7	187.4	2.733	-31.15	72.0	S0312	.03150	8.8468	0.6	V
5004	30353.29	29 58N	35 1E	80.5	187.4	2.733	-26.25	72.2	S0312	.04150	8.9622	1.0	F
5005	30357.09	29 54N	34 59E	79.7	187.4	2.733	-26.25	72.2	S0312	.04150	9.1848	0.6	V
5006	31050.29	17 46S	25 51E	119.9	186.8	3.439	-38.15	42.3	S0312	.02260	5.9693	1.2	A
5007	31054.29	18 0S	25 51E	118.1	186.8	3.439	-36.75	42.1	S0312	.02260	6.0682	1.0	A
5008	31095.69	21 7S	27 30E	114.0	186.9	2.170	29.05	40.3	S0312	.03150	6.0105	1.0	A
9001	29743.09	70 52N	53 47E	77.1	200.1	1.113	5.25	42.4	S0409	.07190	9.3756	1.6	F
9002	29748.49	70 53N	53 48E	77.0	199.7	1.113	5.60	42.4	S0409	.07190	9.4003	1.6	A
9003	29956.09	56 44N	43 13E	73.8	191.8	2.033	-8.05	55.4	S0409	.09670	9.7961	1.0	F
9004	29961.29	56 43N	43 13E	73.7	191.7	2.033	-7.70	55.4	S0409	.09670	9.8456	1.0	A
9005	30019.49	52 30N	41 29E	73.6	190.6	2.170	-10.15	59.0	S0409	.07190	9.8291	1.0	F
9006	30023.69	52 24N	41 29E	73.4	190.5	2.170	-9.45	59.0	S0409	.07190	9.8786	1.0	A
9007	30039.29	51 6N	40 51E	74.3	190.2	2.170	-14.00	60.1	S0409	.07190	9.7219	1.0	F
9008	30044.69	51 0N	40 51E	74.1	190.2	2.170	-13.60	60.1	S0409	.07190	9.7961	1.0	A
9009	30093.69	47 24N	39 60E	72.5	189.5	2.511	-3.85	63.2	S0409	.07190	9.9358	0.4	F
9010	30099.49	46 60N	39 21E	76.4	189.4	2.170	-20.30	63.3	S0409	.07190	9.4498	0.6	F
9011	30104.49	47 0N	39 21E	76.1	189.4	2.385	-19.95	63.3	S0409	.07190	9.5405	0.8	A
9012	30140.89	44 7N	39 5E	72.4	189.0	2.511	-2.80	65.6	S0409	.09670	10.0023	0.4	F
9013	30146.09	44 7N	39 5E	72.4	188.9	2.511	-2.10	65.6	S0409	.09670	10.0105	0.4	A
9014	30271.49	35 9N	36 43E	73.0	187.9	2.872	-7.70	70.9	S0409	.04090	9.9196	1.0	F
9015	30276.69	35 9N	36 43E	72.9	187.8	2.872	-6.65	70.9	S0409	.04090	9.9363	1.0	A
9016	30284.69	34 56N	36 35E	72.9	187.8	2.872	-7.35	71.1	S0409	.04090	9.9363	1.0	A
9017	30293.89	33 54N	36 42E	73.6	187.7	2.872	-5.60	71.8	S0409	.04090	9.8703	0.4	F
9018	30299.09	33 50N	36 42E	73.7	187.7	2.872	-6.30	71.8	S0409	.04090	9.8126	1.0	A
9019	30306.09	33 45N	36 21E	72.9	187.6	3.090	-1.40	72.0	S0409	.07190	9.9363	1.0	F
9020	30311.29	33 45N	36 21E	73.0	187.6	3.090	-0.70	72.0	S0409	.07190	9.9115	1.0	A
9021	30317.49	31 59N	35 54E	74.3	187.6	2.872	-12.25	72.0	S0409	.07190	9.7384	0.6	F
9022	30322.69	32 0N	35 54E	74.2	187.5	3.090	-11.90	72.0	S0409	.07190	9.7631	0.6	A
9023	30432.29	31 14N	35 1E	87.4	187.5	2.511	-36.05	71.6	S0409	.03090	8.3860	1.0	V
9024	30498.29	7 40S	29 48E	106.6	186.5	2.385	30.10	52.6	S0409	.05410	6.6626	1.0	A
9025	31003.49	15 22S	28 16E	104.9	186.6	2.872	21.70	45.5	S0409	.05410	6.8605	0.8	F
9026	31007.29	15 22S	28 16E	104.6	186.6	2.872	22.40	45.5	S0409	.05410	6.9182	0.6	V
938 5001	35417.08	46 0N	18 8E	76.2	189.3	2.511	15.75	64.4	S0312	.03150	9.5394	0.6	F
5002	35422.68	46 0N	18 7E	76.5	189.2	2.385	16.45	64.4	S0312	.03150	9.4652	0.4	A
5003	35462.48	43 0N	16 14E	75.4	188.8	2.385	-18.55	66.1	S0312	.03150	9.5971	0.6	F
5004	35447.88	43 0N	16 14E	75.2	188.7	2.511	-17.85	66.2	S0312	.03150	9.6713	0.6	A
9001	95072.09	69 27N	41 0E	79.6	198.6	1.332	17.85	43.8	S0409	.07190	9.1941	0.4	V

Handle via
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4454 COMMAND INFORMATION

REV	FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
938	9002	35075.28	69 26N	31 1E	80.9	198.4	1.332	18.55	43.8	S0409	.05410	8.9468	0.6	A
	9003	35253.68	56 54N	21 10E	73.9	191.8	2.033	-8.40	55.3	S0409	.07190	9.7961	0.6	F
	9004	35264.48	56 50N	21 1E	73.9	191.7	2.033	-8.75	55.5	S0409	.07190	9.7879	1.0	F
	9005	35269.88	56 50N	21 1E	73.7	191.6	2.033	-8.85	55.6	S0409	.07190	9.8373	1.0	A
	9006	35367.28	49 59N	17 26E	87.1	189.9	1.810	-35.00	61.0	S0409	.05410	8.2706	1.0	F
	9007	35373.48	49 59N	17 25E	86.8	189.8	2.033	-35.00	61.0	S0409	.05410	8.3595	1.0	A
	9008	35393.28	49 51N	17 41E	76.5	189.7	2.170	-20.65	62.1	S0409	.07190	9.4333	0.6	F
	9009	35398.68	49 52N	17 41E	76.2	189.6	2.385	-20.30	62.1	S0409	.07190	9.5240	0.6	A
	9010	35398.28	47 47N	18 8E	72.5	189.5	2.385	0.35	62.9	S0409	.07190	9.9940	0.6	A
	9011	35403.88	47 4N	17 44E	72.5	189.4	2.385	-6.30	63.4	S0409	.07190	9.9940	0.4	F
	9012	35409.08	47 4N	17 43E	72.4	189.4	2.385	-5.60	63.4	S0409	.07190	10.0187	0.4	A
	9013	35435.68	44 50N	17 14E	72.4	189.1	2.511	-1.40	65.1	S0409	.07190	10.0105	1.6	F
	9014	35440.88	44 50N	17 13E	72.4	189.0	2.511	-1.05	65.1	S0409	.07190	10.0105	1.6	A
	9015	35447.28	44 6N	16 51E	72.2	189.0	2.511	-7.35	65.6	S0409	.07190	10.0270	0.6	F
	9016	35452.48	44 6N	16 50E	72.1	188.9	2.511	-6.65	65.6	S0409	.07190	10.0517	0.6	A
	9017	35610.68	32 50N	13 17E	87.7	187.6	2.385	-35.35	71.2	S0409	.03090	8.2211	0.4	F
	9018	35613.88	32 50N	13 17E	86.3	187.6	2.385	-35.00	71.2	S0409	.03090	8.4850	0.4	V
	9019	35617.08	32 42N	13 10E	88.5	187.6	2.385	-37.10	71.2	S0409	.03090	8.2706	0.6	V
	9020	35620.23	32 42N	13 10E	89.2	187.6	2.385	-36.75	71.2	S0409	.03090	8.1469	0.4	A
	9021	35701.28	26 50N	13 10E	75.5	187.2	3.090	7.70	73.2	S0409	.04090	9.6064	0.4	F
	9022	35706.68	26 50N	13 10E	75.7	187.2	3.090	8.40	73.2	S0409	.04090	9.5322	0.4	A
939	5001	40745.88	43 50N	5 41W	74.6	188.3	2.511	-16.10	65.8	S0312	.03150	9.7372	0.6	A
	5002	40904.68	33 58N	7 37W	73.1	187.7	2.872	0.70	71.7	S0312	.03150	9.9269	0.6	F
	5003	40910.08	33 57N	7 37W	73.4	187.7	2.872	1.75	71.7	S0312	.03150	9.8856	0.6	A
	5004	40914.08	33 58N	7 37W	72.9	187.7	2.872	5.25	71.9	S0312	.03150	10.0088	0.6	V
	9001	40892.68	34 15N	6 35W	87.6	187.8	2.511	30.80	72.0	S0409	.03090	8.3116	0.4	F
	9002	40895.68	34 26N	6 35W	87.0	187.8	2.511	31.15	72.0	S0409	.03090	8.4358	0.6	V
	9003	41157.48	16 57N	11 24W	79.2	186.7	3.439	-15.40	70.1	S0409	.05410	9.1282	1.0	A
	9004	41182.48	14 26N	11 26W	78.1	186.6	3.439	-1.05	69.2	S0409	.05410	9.2519	1.0	F
940	5001	46807.67	7 9S	38 30W	110.9	186.5	3.090	-38.50	51.5	S0312	.02250	6.4475	1.0	F
	9001	46789.47	6 10S	37 45W	95.0	186.5	3.439	-23.45	52.9	S0409	.05410	7.5449	0.6	F
	9002	46793.07	6 19S	37 45W	93.7	186.5	3.439	-22.75	52.9	S0409	.05410	7.7593	1.2	V
	9003	46820.07	8 1S	37 13W	91.3	186.5	3.439	4.90	51.8	S0409	.05410	7.8336	1.0	A
	9004	46846.87	12 47S	38 32W	93.2	186.6	3.439	-8.40	47.4	S0409	.07190	7.7758	0.4	V
	9005	46890.27	12 47S	38 29W	94.4	186.6	3.439	-7.70	47.4	S0409	.07190	7.5647	0.4	A
	9006	46947.47	19 21S	40 2W	102.8	186.8	3.674	-18.55	41.2	S0409	.05410	8.9347	1.0	A
941	5001	52217.67	14 59S	59 58W	107.9	186.6	2.733	25.20	45.9	S0312	.03150	6.6701	0.8	F
	5002	52228.47	15 46S	60 22W	100.1	186.7	2.872	16.10	45.3	S0312	.03150	7.2508	0.8	V
	5003	52238.67	15 55S	60 8W	109.5	186.7	2.511	25.55	45.0	S0312	.03150	6.4970	1.0	A
	9001	52200.27	13 40S	60 45W	94.3	186.6	3.439	-7.00	46.6	S0409	.05410	7.6027	1.0	F
	9002	52208.47	14 3S	60 14W	97.3	186.6	3.090	12.60	46.5	S0409	.05410	7.4377	1.0	V
	9003	52466.67	31 47S	64 23W	109.6	187.5	3.090	-10.15	29.6	S0409	.07190	6.4895	1.0	F
	9004	52470.67	31 47S	64 24W	108.4	187.5	3.090	-9.80	29.6	S0409	.07190	6.6214	1.0	V
	9005	52484.87	33 4S	64 15W	110.0	187.6	2.872	1.05	28.6	S0409	.05410	6.4647	1.0	F
	9006	52488.87	33 3S	64 15W	109.1	187.6	2.872	1.40	28.6	S0409	.05410	6.5802	1.0	V
942	9001	56943.67	25 19N	76 19W	80.6	187.1	3.090	-24.85	72.5	S0409	.05410	7.0145	1.0	A
	9002	57337.67	2 10S	79 53W	98.4	186.4	2.733	26.60	57.3	S0409	.05410	7.3483	0.6	V
	9003	57341.27	2 10S	79 53W	100.1	186.4	2.733	26.95	57.3	S0409	.05410	7.1244	0.6	A
	9004	57355.47	3 9S	80 28W	91.5	186.4	3.211	14.00	55.9	S0409	.05410	7.8995	0.6	F
943	9001	62230.86	25 50N	97 30W	75.4	187.1	3.090	6.95	73.2	S0409	.07190	9.6512	0.6	F
	9002	62236.26	25 50N	97 30W	75.7	187.1	3.090	7.00	73.2	S0409	.05410	9.5487	0.6	A
	9003	62283.46	22 47N	99 1W	83.8	186.9	3.090	-28.70	72.0	S0409	.05410	8.6582	0.8	A
	9004	62328.06	19 10N	98 51W	75.6	186.8	3.211	3.50	71.6	S0409	.07190	9.6064	0.4	F
	9005	62333.46	19 10N	98 50W	76.0	186.8	3.211	5.25	71.7	S0409	.05410	9.5075	0.4	A
947	9001	82902.05	64 26N	173 12W	75.0	195.1	1.687	2.30	46.6	S0409	.07190	9.6477	1.2	F
	9002	82947.25	64 47N	173 11W	75.3	194.9	1.475	3.50	48.5	S0409	.05410	9.6312	1.4	A
948	9001	1758.25	68 4N	166 34E	77.3	197.4	1.113	-12.60	45.1	S0409	.07190	9.3343	0.6	F
	9002	1763.85	68 4N	166 34E	77.1	197.1	1.332	-12.60	45.1	S0409	.07190	9.4003	0.8	A
	9003	1913.25	57 36N	161 3E	74.7	192.1	2.033	9.45	54.8	S0409	.05410	9.6972	0.6	F
	9004	1917.65	57 36N	161 8E	74.8	192.0	2.033	10.15	54.8	S0409	.05410	9.6807	0.6	A
	9005	1923.25	56 50N	161 15E	79.5	191.8	2.033	20.65	55.6	S0409	.05410	9.1262	0.4	F
	9006	1926.05	56 50N	161 16E	78.8	191.8	1.810	21.35	55.6	S0409	.05410	9.3178	0.6	V
	9007	1931.05	56 40N	161 52E	77.7	191.7	2.033	17.15	56.0	S0409	.05410	9.3426	0.6	F
	9008	1934.65	56 19N	160 51E	77.7	191.6	2.033	17.50	56.0	S0409	.05410	9.3178	0.6	A
	9009	1963.25	54 40N	158 10E	82.4	191.0	1.687	-29.05	57.3	S0409	.05410	8.7654	0.8	F
	9010	1969.25	54 19N	158 9E	82.0	190.9	2.033	-29.05	57.3	S0409	.05410	8.8561	0.8	A
	9011	1982.65	53 56N	156 30E	73.3	190.7	2.170	-8.40	58.7	S0409	.07190	9.8736	0.6	F
	9012	1987.85	53 50N	156 30E	73.1	190.6	2.170	-7.70	58.7	S0409	.07190	9.9198	0.6	A
	9013	1999.65	53 3N	155 18E	72.8	190.4	2.170	-5.25	59.4	S0409	.05410	9.9610	0.6	A
	9014	2008.45	51 54N	157 45E	74.6	190.3	2.170	-15.40	59.8	S0409	.05410	9.7219	0.6	A
949	9001	7325.65	50 30N	137 5E	87.2	190.1	2.033	32.20	61.0	S0409	.05410	8.4190	0.6	V

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
949 9002	7328.85	50 27N	137 5E	88.6	190.1	1.810	32.90	61.0	S0409	.0541U	8.1716	0.6	A
9003	7355.05	48 36N	135 2E	72.5	189.7	2.385	-4.55	62.3	S0409	.0967U	9.9858	0.6	F
9004	7360.25	48 36N	135 2E	72.4	189.7	2.385	-3.85	62.3	S0409	.0967U	10.0105	0.6	A
9005	7435.45	43 7N	133 12E	73.5	188.8	2.511	-12.60	66.2	S0409	.0541U	9.8538	0.6	F
9006	7440.65	43 7N	133 12E	73.3	188.8	2.511	-11.90	66.2	S0409	.0541U	9.9063	1.0	A
9007	7559.25	34 47N	131 9E	73.2	187.8	2.872	-13.65	70.9	S0409	.0719U	10.0105	0.6	V
9008	7560.85	34 4N	131 33E	73.5	187.7	2.872	-8.40	71.6	S0409	.0719U	9.9858	1.0	V
9009	8037.85	1 30N	124 56E	85.5	186.4	3.574	-12.25	59.8	S0409	.0541U	8.4190	1.0	F
9010	8044.05	1 30N	124 57E	85.5	186.4	3.574	-10.85	59.8	S0409	.0541U	8.4190	1.0	A
9011	8047.45	1 42N	124 55E	85.5	186.4	3.574	-10.15	59.6	S0409	.0541U	8.4190	0.6	A
950 5001	12779.04	40 44N	109 55E	81.3	188.5	2.170	-29.75	67.5	S0312	.02260	8.8795	1.8	F
5002	12784.84	40 44N	109 55E	80.9	188.4	2.385	-29.40	67.5	S0312	.02260	9.0034	1.2	A
5003	12794.64	39 50N	110 1E	74.6	188.3	2.511	-20.30	68.2	S0312	.03150	9.8362	0.4	V
5004	12877.04	34 18N	109 1E	73.3	187.7	2.872	-9.45	71.2	S0312	.03150	9.9186	0.6	A
5005	12884.04	33 50N	108 30E	76.6	187.7	2.733	-23.10	71.3	S0312	.03150	9.4404	0.6	F
9001	12623.84	51 6N	115 26E	95.0	190.3	2.033	37.80	60.7	S0409	.0409U	7.6586	0.8	F
9002	12627.24	51 6N	115 27E	94.5	190.2	1.810	38.50	60.7	S0409	.0409U	7.7323	0.8	V
9003	12630.64	51 6N	115 27E	96.0	190.2	1.810	38.85	60.7	S0409	.0409U	7.5449	0.6	A
9004	12808.44	38 42N	110 56E	79.7	188.2	2.733	22.40	69.7	S0409	.0541U	9.1262	0.8	F
9005	12814.24	38 42N	110 56E	80.2	188.2	2.511	23.45	69.7	S0409	.0541U	9.0292	0.8	A
9006	12866.24	34 40N	109 15E	72.7	187.8	2.872	-4.90	71.2	S0409	.0719U	9.9510	0.6	F
9007	12871.44	34 40N	109 14E	72.7	187.8	2.872	-4.20	71.2	S0409	.0719U	9.9593	0.8	A
9008	13165.64	14 14N	104 56E	79.4	186.6	3.439	-16.10	68.8	S0409	.0541U	9.2106	0.6	V
9009	13216.04	10 36N	104 22E	81.0	186.5	3.439	-12.95	66.5	S0409	.0541U	8.9055	0.6	F
9010	13219.04	10 30N	104 22E	80.0	186.5	3.439	-12.25	66.5	S0409	.0541U	9.1282	0.6	V
9011	13319.04	3 54N	103 21E	83.6	186.4	3.574	-5.95	61.7	S0409	.0541U	8.6067	1.2	A
951 5001	17835.84	57 54N	93 8E	84.3	192.1	1.475	-30.45	54.2	S0312	.02260	8.5417	0.8	F
5002	17841.84	57 54N	93 7E	84.1	192.0	1.687	-30.45	54.2	S0312	.03150	8.6407	1.0	A
5003	17868.84	55 59N	92 54E	76.5	191.4	2.033	-16.90	56.0	S0312	.04150	9.5146	0.6	A
9001	17745.64	63 48N	97 34E	74.7	194.7	1.475	-3.50	49.1	S0409	.0719U	9.6807	0.6	F
9002	17752.04	63 48N	97 33E	74.6	194.5	1.687	-3.50	49.1	S0409	.0719U	9.7219	0.6	A
9003	17835.84	57 54N	93 8E	84.4	192.1	1.475	-30.45	54.2	S0409	.0541U	8.5427	0.8	F
9004	17841.84	57 54N	93 7E	84.1	192.0	1.687	-30.45	54.2	S0409	.0541U	8.6417	0.8	A
9005	17857.04	56 42N	93 37E	73.4	191.6	2.033	-5.25	55.8	S0409	.0719U	9.8703	1.4	F
9006	17862.24	56 42N	93 37E	73.2	191.5	2.033	-4.55	55.8	S0409	.0719U	9.9115	1.4	A
952 5001	23299.44	47 30N	67 36E	81.6	189.6	2.033	-29.40	62.5	S0312	.02260	8.8468	0.8	F
5002	23295.44	47 32N	67 37E	81.1	189.5	2.170	-28.70	62.5	S0312	.02260	8.9787	0.8	A
5003	23401.84	40 11N	65 19E	87.7	188.4	2.033	-36.05	67.7	S0312	.03150	9.2284	0.6	F
5004	23406.04	39 49N	65 33E	80.4	188.4	2.385	-28.00	68.1	S0312	.02260	8.9869	0.6	F
5005	23409.84	39 49N	65 32E	79.2	188.3	2.385	-27.65	68.1	S0312	.02260	9.2590	0.4	V
9001	23319.24	45 48N	67 50E	72.3	189.2	2.511	-4.90	64.4	S0409	.0719U	10.0105	0.8	F
9002	23324.44	45 48N	67 50E	72.3	189.2	2.511	-4.20	64.4	S0409	.0719U	10.0435	0.8	A
9003	23338.24	44 36N	66 16E	91.1	189.0	1.810	-38.85	64.8	S0409	.0409U	7.8913	0.8	F
9004	23341.44	44 36N	66 16E	89.8	189.0	2.033	-38.85	64.8	S0409	.0409U	8.1684	0.6	V
9005	23344.64	44 24N	66 14E	91.3	188.9	2.033	-39.20	64.8	S0409	.0409U	7.9737	1.0	A
9006	23361.84	42 48N	67 26E	74.2	188.8	2.733	-9.80	66.7	S0409	.0541U	9.7796	0.8	F
9007	23367.04	42 48N	67 27E	74.4	188.7	2.511	-10.85	66.7	S0409	.0541U	9.7384	1.0	A
9008	23421.04	38 48N	65 51E	73.0	188.2	2.733	-10.15	69.0	S0409	.0541U	9.9115	0.4	F
9009	23426.24	38 48N	65 50E	72.9	188.2	2.733	-9.45	69.0	S0409	.0541U	9.9528	0.4	A
953 5001	28666.83	43 19N	44 53E	72.7	188.8	2.511	-9.10	66.1	S0312	.0315U	10.0011	0.6	A
5002	28674.83	42 54N	44 13E	78.3	188.7	2.385	-26.95	66.2	S0312	.0315U	9.3003	0.6	A
5003	28803.43	33 42N	43 35E	86.0	187.7	2.733	28.70	72.3	S0312	.0315U	8.4510	1.0	F
5004	28809.63	33 42N	43 35E	86.9	187.7	2.511	29.75	72.4	S0312	.0315U	8.3191	1.0	A
5005	29376.83	6 0S	36 24E	109.2	186.4	2.511	32.55	53.9	S0312	.02260	6.6206	1.0	F
9001	28285.83	68 49N	57 59E	75.9	190.0	1.332	8.05	44.4	S0409	.0541U	9.6559	0.4	V
9002	28294.03	68 30N	56 33E	76.6	189.5	1.332	-10.85	44.6	S0409	.0541U	9.4580	0.6	A
9003	28354.63	64 12N	54 52E	79.4	194.9	1.475	20.30	48.9	S0409	.0719U	9.2354	0.6	V
9004	28434.23	58 24N	49 46E	75.4	192.4	1.810	-14.35	53.8	S0409	.0719U	9.5900	0.6	F
9005	28443.63	59 24N	50 0E	75.1	192.2	1.810	-15.65	53.8	S0409	.0719U	9.6342	0.6	A
9006	28463.63	56 24N	48 59E	77.5	191.8	1.810	-20.65	55.2	S0409	.0719U	9.3178	1.8	F
9007	28469.23	56 24N	48 58E	77.2	191.7	1.810	-20.30	55.2	S0409	.0719U	9.4003	1.8	A
9008	28477.43	55 36N	49 8E	73.5	191.5	2.033	-7.00	56.2	S0409	.0719U	9.8456	0.6	F
9009	28483.83	55 36N	49 7E	73.3	191.4	2.033	-6.65	56.2	S0409	.0719U	9.8951	0.6	A
9010	28508.43	54 1N	47 48E	76.8	190.9	2.033	-22.05	57.7	S0409	.0719U	9.5487	0.6	V
9011	28517.03	53 10N	48 22E	73.0	190.8	2.178	1.40	58.6	S0409	.0719U	9.9280	0.4	F
9012	28522.23	53 10N	48 22E	73.0	190.7	2.170	2.10	58.6	S0409	.0719U	9.9363	0.4	A
9013	28532.43	52 7N	47 54E	72.9	190.5	2.385	0.70	59.5	S0409	.0719U	9.9445	0.6	F
9014	28537.63	52 7N	47 54E	72.8	190.4	2.170	1.75	59.5	S0409	.0719U	9.9528	0.6	A
9015	28562.63	50 0N	46 54E	73.2	190.0	2.385	-9.80	61.0	S0409	.0719U	9.8786	0.8	F
9016	28567.83	50 0N	46 54E	73.1	190.0	2.385	-9.10	61.0	S0409	.0719U	9.9368	1.0	A
9017	28575.63	49 10N	46 53E	72.6	189.8	2.385	-1.40	61.8	S0409	.0719U	9.9858	0.6	F
9018	28580.83	49 10N	46 53E	72.5	189.8	2.385	-0.70	61.8	S0409	.0719U	10.0023	0.6	A
9019	28588.23	49 21N	46 17E	73.5	189.7	2.385	-11.55	62.4	S0409	.0719U	9.8456	1.0	F
9020	28593.43	49 21N	46 17E	73.3	189.6	2.385	-10.85	62.4	S0409	.0719U	9.9033	1.2	A
9021	28654.83	43 49N	44 36E	77.5	188.3	2.385	-24.10	65.6	S0409	.0409U	9.3178	0.6	F
9022	28660.43	43 48N	44 37E	77.0	188.8	2.511	-23.40	65.6	S0409	.0409U	9.4250	0.6	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
953 9023	28684.63	41 41N	44 53E	72.9	188.6	2.733	4.90	67.4	S0409	.04090	9.9445	0.6	F
9024	28689.83	41 41N	44 54E	73.1	188.6	2.733	5.95	67.4	S0409	.04090	9.9193	0.6	A
9025	28695.23	40 60N	44 24E	71.7	188.5	2.733	-5.95	67.7	S0409	.07190	10.0990	0.6	F
9026	28700.03	41 1N	44 24E	71.7	188.5	2.733	-5.25	67.7	S0409	.07190	10.1259	1.0	A
9027	28706.63	40 15N	44 9E	72.3	188.4	2.733	-7.70	68.2	S0409	.07190	10.0187	1.0	F
9028	28711.83	40 15N	44 10E	72.2	188.4	2.733	-6.65	68.2	S0409	.07190	10.0517	1.0	A
9029	28764.23	37 0N	43 17E	72.3	188.0	2.733	-11.90	69.9	S0409	.07190	10.1424	1.0	V
9030	28763.03	36 21N	43 9E	73.3	188.0	2.872	-10.15	70.3	S0409	.04090	9.8703	1.4	F
9031	28768.43	36 20N	43 9E	73.2	187.9	2.872	-9.45	70.3	S0409	.04090	9.9115	1.2	A
9032	28780.63	35 10N	44 9E	89.4	187.9	2.385	33.60	71.7	S0409	.03090	8.2046	1.0	V
9033	28791.43	34 43N	43 7E	73.4	187.8	2.872	3.15	71.3	S0409	.04090	9.8621	1.0	A
9034	28803.43	33 24N	43 35E	86.1	187.7	2.733	28.70	72.3	S0409	.03090	8.4528	1.0	F
9035	28809.63	33 20N	43 36E	86.9	187.7	2.511	29.75	72.4	S0409	.03090	8.3201	1.0	A
9036	29135.03	11 0N	37 53E	83.3	186.5	3.439	-22.40	66.7	S0409	.05410	8.6746	1.0	A
9037	29143.23	10 22N	37 45E	82.8	186.5	3.439	-22.75	66.2	S0409	.05410	8.8251	1.0	V
9038	29385.23	6 0S	35 45E	92.7	186.5	3.090	12.25	53.6	S0409	.05410	7.7016	1.0	A
954 5001	33701.63	61 30N	31 29E	85.5	193.5	1.475	28.35	51.3	S0312	.03150	8.4340	0.6	A
5002	34130.03	39 7N	20 6E	74.0	187.6	2.872	-10.50	72.0	S0312	.03150	9.7367	1.0	F
5003	34135.23	39 7N	20 6E	74.0	187.6	3.090	-10.15	72.0	S0312	.03150	9.8114	1.0	A
5004	34154.63	38 26N	19 36E	75.7	187.4	2.872	-16.10	72.3	S0312	.04150	9.5558	0.4	F
9001	33583.43	69 12N	35 52E	75.9	198.4	1.332	1.75	44.1	S0409	.07190	9.5522	0.4	F
9002	33586.23	69 12N	35 52E	74.9	198.3	1.332	2.10	44.1	S0409	.07190	9.7714	0.4	V
9003	33601.83	68 6N	34 25E	75.4	197.4	1.332	-3.85	45.2	S0409	.07190	9.5900	0.8	F
9004	33607.23	68 6N	34 26E	75.2	197.2	1.332	-3.15	45.2	S0409	.07190	9.6512	0.8	A
9005	33709.83	60 44N	30 8E	75.9	193.3	1.810	11.55	52.0	S0409	.07190	9.5487	0.6	F
9006	33715.23	60 44N	30 8E	76.0	193.1	1.810	11.90	52.0	S0409	.07190	9.5405	0.6	A
9007	33722.43	59 49N	30 11E	81.2	192.9	1.810	22.75	52.9	S0409	.07190	8.9868	0.8	F
9008	33728.23	59 49N	30 10E	81.2	192.8	1.687	23.10	52.9	S0409	.07190	8.9855	0.8	A
9009	33739.63	58 51N	28 1E	75.5	192.5	1.810	-14.70	53.5	S0409	.07190	9.5756	0.6	F
9010	33745.03	58 51N	28 1E	75.2	192.3	1.810	-14.00	53.5	S0409	.07190	9.6394	0.6	A
9011	33910.83	46 32N	23 54E	72.2	189.4	2.511	-3.15	63.9	S0409	.07190	10.0270	0.8	F
9012	33925.03	46 32N	23 54E	72.2	189.3	2.511	-2.45	63.9	S0409	.07190	10.0456	0.8	A
9013	33933.03	46 46N	24 6E	73.3	189.2	2.385	11.20	64.6	S0409	.07190	10.0025	0.6	V
9014	33941.63	46 3N	23 18E	72.7	189.1	2.511	-4.75	64.9	S0409	.07190	9.9528	0.4	F
9015	33946.63	45 49N	23 17E	72.6	189.0	2.511	-8.40	64.9	S0409	.07190	9.9858	1.0	A
9016	33966.03	44 41N	23 49E	76.1	188.9	2.385	15.75	65.7	S0409	.07190	9.4992	1.4	A
9017	33965.83	43 14N	23 33E	76.4	188.8	2.511	16.45	66.5	S0409	.07190	9.5157	0.6	F
9018	33972.23	43 15N	24 33E	76.5	188.8	2.385	17.15	66.5	S0409	.07190	9.4415	0.6	A
9019	33976.43	42 47N	23 16E	73.7	188.7	2.385	12.25	66.8	S0409	.07190	9.9528	0.6	V
9020	33980.23	42 42N	23 21E	75.9	188.7	2.385	15.75	66.9	S0409	.07190	9.5405	0.4	A
9021	33984.23	42 15N	23 8E	74.9	188.7	2.511	12.25	67.1	S0409	.07190	9.6724	0.8	A
9022	33993.43	41 23N	22 30E	72.5	188.6	2.733	1.75	67.5	S0409	.07190	9.9340	0.6	F
9023	33998.83	41 27N	22 30E	72.5	188.5	2.733	2.80	67.6	S0409	.07190	9.9775	0.4	A
9024	34003.03	40 49N	22 25E	72.4	188.5	2.733	0.35	67.9	S0409	.07190	10.0105	0.6	F
9025	34008.23	40 49N	22 25E	72.5	188.5	2.733	1.05	67.9	S0409	.07190	9.9940	0.6	A
9026	34660.83	4 10S	12 40E	103.2	186.4	3.211	-35.00	54.5	S0409	.05410	7.0254	0.8	V
9027	34664.63	4 9S	12 40E	97.3	186.4	3.439	-29.05	54.3	S0409	.04090	7.4525	1.0	V
9028	34680.43	5 43S	13 4E	98.6	186.4	3.574	-12.95	53.5	S0409	.05410	7.9160	0.8	F
9029	34689.23	5 54S	12 27E	102.8	186.3	3.439	-32.20	53.1	S0409	.05410	7.9325	1.2	A
9030	34709.03	7 50S	13 8E	91.2	186.3	3.439	2.45	51.9	S0409	.05410	7.8350	1.0	F
955 5001	39015.63	61 14N	6 33E	80.6	193.2	1.687	-25.20	51.3	S0312	.04150	9.6117	0.6	A
9001	39386.03	35 34N	0 32W	76.2	187.9	2.733	16.45	71.1	S0409	.04090	9.6147	0.8	V
9002	39397.83	34 59N	1 20W	72.6	187.8	2.872	-5.95	71.1	S0409	.07190	9.9775	0.6	F
9003	39403.03	34 59N	1 20W	72.6	187.8	2.872	-5.25	71.2	S0409	.07190	9.9956	0.6	A
957 5001	50722.62	14 10S	54 19W	96.8	186.5	3.211	3.15	46.1	S0312	.03150	7.4534	1.0	A
5002	50741.42	15 44S	55 23W	101.6	186.7	3.439	-24.15	44.4	S0312	.03150	7.1236	1.0	V
9001	50733.82	15 29S	55 9W	98.4	186.6	3.439	-16.80	44.7	S0409	.05410	7.2546	1.0	F
9002	50750.62	16 26S	54 56W	95.7	186.7	3.439	-5.60	44.0	S0409	.07190	7.5614	0.8	V
9003	50759.62	16 51S	54 25W	102.0	186.7	2.872	15.05	43.9	S0409	.05410	6.9595	1.0	A
9004	50940.42	29 7S	56 31W	116.2	187.4	2.511	19.60	42.5	S0409	.05410	5.8772	0.6	A
9005	50966.02	30 44S	54 1W	110.2	187.5	3.211	-11.90	30.5	S0409	.07190	5.4317	0.8	A
9006	50970.82	31 21S	57 59W	108.2	187.5	3.211	-8.05	30.0	S0409	.07190	5.6579	0.6	V
9007	51013.62	34 33S	58 25W	111.6	187.8	2.872	-0.70	27.1	S0409	.07190	5.3659	0.8	F
9008	51017.82	34 33S	58 24W	110.6	187.8	2.872	0.00	27.1	S0409	.07190	5.4819	0.6	V
9009	51022.22	34 33S	58 22W	112.6	187.8	2.872	1.40	27.1	S0409	.07190	5.2751	1.0	A
958 9001	55631.82	12 17N	71 56W	79.1	186.6	3.439	-3.50	67.8	S0409	.07190	9.1447	0.6	F
9002	55634.02	12 12N	71 56W	78.3	186.6	3.439	-2.10	67.8	S0409	.07190	9.3343	0.6	V
9003	55663.62	11 19N	72 28W	79.8	186.5	3.439	-11.20	66.4	S0409	.05410	7.1529	1.0	V
9004	55669.42	10 7N	72 32W	81.2	186.5	3.574	-12.25	66.2	S0409	.05410	6.8090	1.0	A
9005	55682.02	9 16N	72 46W	82.6	186.5	3.574	-15.40	65.6	S0409	.05410	6.7489	1.0	A
9006	55732.82	5 50N	73 21W	82.4	186.4	3.439	-12.95	62.9	S0409	.05410	6.5470	0.6	V
9007	55813.42	0 10S	74 45W	94.4	186.4	3.211	-28.00	58.0	S0409	.07190	7.5862	0.8	F
9008	55816.82	0 10S	74 46W	93.3	186.4	3.439	-28.00	56.0	S0409	.07190	7.8006	0.8	V
960 5001	66011.21	27 50N	114 2W	86.6	187.3	2.733	-34.65	72.2	S0312	.03150	8.4519	0.6	V
965 9001	5799.00	52 14N	141 40E	80.1	190.5	1.810	-27.65	59.1	S0409	.05410	9.1447	0.4	V

Handle via
BYEMAN Channels
BYE-8915/84

Approved for Release: 2021/01/22 C05132886

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
965 9002	5802.00	52 14N	141 39E	80.8	190.4	2.033	-27.65	59.1	S0409	.0541U	8.9886	0.4	A
966 5001	11287.00	39 49N	116 3E	80.1	188.3	2.511	-27.65	68.2	S0312	.0315U	9.0117	0.4	F
5002	11291.80	39 36N	115 59E	83.0	188.3	2.385	-32.55	68.1	S0312	.0315U	8.8303	0.4	V
5003	11304.40	38 46N	116 40E	75.3	188.2	2.733	14.00	69.4	S0312	.0315U	9.6218	0.6	A
5004	11362.20	34 49N	114 48E	81.8	187.8	2.511	-30.45	70.6	S0312	.0315U	8.9940	0.6	V
5005	11366.80	34 15N	114 50E	79.8	187.8	2.511	-26.25	70.9	S0312	.0315U	9.0447	0.4	F
5006	11376.00	33 53N	115 29E	73.1	187.7	2.872	1.05	71.6	S0312	.0315U	9.9269	0.6	A
5007	11390.00	32 46N	114 58E	72.9	187.6	2.872	-10.50	71.8	S0312	.0315U	10.0505	0.4	V
5008	11409.40	31 35N	115 3E	73.3	187.5	3.090	3.50	72.4	S0312	.0315U	9.9021	0.6	A
9001	10934.20	63 42N	125 33E	75.6	194.6	1.475	-10.50	49.2	S0409	.0719U	9.5487	0.8	F
9002	10939.60	63 42N	125 33E	75.4	194.4	1.475	-10.15	49.2	S0409	.0719U	9.6147	0.8	A
9003	11276.00	40 26N	116 40E	73.7	188.4	2.733	-13.30	68.0	S0409	.0719U	9.8208	0.6	F
9004	11281.20	40 26N	116 41E	73.4	188.4	2.733	-12.25	68.0	S0409	.0719U	9.8951	0.6	A
9005	11396.00	32 12N	114 30E	78.2	187.6	2.733	-23.10	71.7	S0409	.0541U	9.2456	0.4	F
9006	11401.40	31 46N	114 40E	74.4	187.6	2.872	-14.00	72.0	S0409	.0719U	9.7136	0.4	F
9007	11414.80	31 11N	115 10E	75.6	187.5	2.872	11.55	72.7	S0409	.0541U	9.5735	0.6	A
9008	11422.60	30 59N	115 6E	75.1	187.4	2.872	9.80	72.8	S0409	.0719U	9.6312	0.4	A
9009	11428.60	30 13N	115 9E	79.0	187.4	2.733	18.90	73.0	S0409	.0541U	9.1364	0.6	A
9010	11447.40	29 35N	114 28E	74.4	187.3	3.090	4.90	73.0	S0409	.0541U	9.7466	0.4	F
9011	11452.80	29 30N	114 28E	74.6	187.3	3.090	5.60	73.0	S0409	.0541U	9.6972	0.4	A
9012	11494.60	25 19N	113 54E	76.2	187.1	3.090	9.75	73.2	S0409	.0541U	9.5240	0.4	F
9013	11500.00	25 13N	113 55E	76.6	187.1	3.090	9.80	73.2	S0409	.0541U	9.4633	0.6	A
9014	11957.40	6 30S	107 25E	95.0	186.5	3.439	-22.40	52.7	S0409	.0541U	7.5532	0.6	F
9015	11962.40	6 52S	107 33E	91.9	186.5	3.439	-15.40	52.5	S0409	.0541U	7.8006	0.6	F
9016	11966.80	6 57S	107 38E	89.6	186.5	3.439	-11.20	52.5	S0409	.0541U	8.1057	0.6	V
9017	11970.20	6 57S	107 38E	90.9	186.5	3.439	-10.85	52.5	S0409	.0541U	7.8995	0.6	A
968 5001	21463.19	69 17N	88 3E	83.2	198.5	1.332	24.50	44.0	S0312	.0415U	8.8056	0.4	V
5002	21466.19	69 17N	88 3E	84.3	198.5	1.113	24.45	44.0	S0312	.0415U	8.6159	0.4	A
5003	21471.59	41 42N	72 49E	72.1	188.6	2.511	-11.55	67.2	S0312	.0315U	10.0423	0.4	F
5004	21484.59	40 57N	73 0E	71.4	188.5	2.733	2.10	67.9	S0312	.0315U	10.2814	0.6	V
5005	22008.19	32 24N	71 27E	78.4	187.6	2.733	19.95	72.5	S0312	.0226U	9.4497	0.4	V
5006	22010.99	32 24N	71 27E	78.6	187.6	2.733	20.30	72.5	S0312	.0226U	9.0859	0.4	A
5007	22018.39	31 56N	70 54E	73.7	187.5	3.090	3.15	72.3	S0312	.0315U	9.6362	0.6	A
9001	21685.39	54 22N	77 22E	73.5	191.1	2.170	4.90	57.6	S0409	.0541U	9.5621	0.6	F
9002	21690.79	54 22N	77 22E	73.5	191.0	2.170	5.60	57.6	S0409	.0541U	9.6621	0.6	A
9003	21808.99	46 1N	73 39E	76.9	189.3	2.170	-22.05	64.0	S0409	.0541U	9.3338	0.6	F
9004	21810.59	45 59N	73 37E	76.9	189.2	2.170	-22.05	64.1	S0409	.0541U	9.3338	2.0	F
9005	21816.19	45 54N	73 36E	76.6	189.2	2.385	-21.70	64.1	S0409	.0541U	9.4910	2.0	A
9006	21853.19	42 6N	72 44E	78.1	188.8	2.385	-24.85	66.1	S0409	.0541U	9.2436	0.8	F
9007	21858.79	42 0N	72 45E	77.6	188.7	2.511	-24.15	66.2	S0409	.0541U	9.3591	0.8	A
9008	21877.79	41 26N	72 59E	69.9	188.5	2.733	-2.80	67.5	S0409	.0719U	10.4976	0.4	V
9009	21881.19	41 21N	73 0E	70.7	188.5	2.733	0.00	67.7	S0409	.0719U	10.3816	0.4	V
9010	21888.19	40 32N	72 50E	72.0	188.5	2.733	-0.70	68.1	S0409	.0719U	10.0682	0.4	F
9011	21893.39	40 32N	72 46E	71.9	188.4	2.733	-2.45	68.1	S0409	.0541U	10.0847	0.8	A
9012	21935.59	37 0N	71 32E	74.0	188.1	2.733	-20.30	69.5	S0409	.0541U	9.9033	0.6	V
9013	21967.99	35 4N	71 21E	72.6	187.8	2.872	-6.65	71.0	S0409	.0541U	9.9775	0.8	F
9014	21973.19	35 4N	71 22E	72.5	187.8	2.872	-5.60	71.0	S0409	.0541U	10.0023	0.8	A
9015	21982.59	34 1N	71 24E	73.3	187.8	2.872	3.85	71.6	S0409	.0541U	9.9033	0.6	F
9016	21989.59	33 52N	71 54E	81.1	187.7	2.511	24.15	72.0	S0409	.0409U	8.9168	1.0	A
9017	22002.39	32 35N	71 35E	80.9	187.6	2.733	22.40	72.5	S0409	.0409U	8.9880	0.8	F
9018	22040.59	30 1N	70 36E	74.7	187.4	3.090	6.65	72.8	S0409	.0541U	9.7054	0.8	F
9019	22045.99	30 1N	70 36E	74.9	187.4	3.090	7.35	72.8	S0409	.0541U	9.6477	0.8	A
969 5001	27085.19	47 52N	53 44E	83.0	189.6	2.385	25.60	63.2	S0312	.0315U	8.7643	0.6	F
5002	27088.19	47 51N	53 44E	82.4	189.6	2.170	27.30	63.2	S0312	.0315U	8.9210	1.6	V
5003	27092.19	47 47N	53 43E	83.7	189.5	2.170	27.65	63.3	S0312	.0315U	8.6654	0.6	A
5004	27123.19	45 20N	51 47E	72.9	189.2	2.511	-9.45	64.6	S0312	.0315U	9.9434	0.4	F
5005	27128.39	45 20N	51 47E	72.8	189.1	2.511	-8.75	64.7	S0312	.0315U	9.9846	0.4	A
5006	27195.79	40 29N	49 49E	81.9	188.4	2.170	-29.75	67.7	S0312	.0315U	8.8056	1.0	F
5007	27199.79	40 29N	49 49E	80.4	188.4	2.385	-29.05	67.7	S0312	.0315U	9.1189	0.6	V
5008	27202.99	40 26N	49 49E	81.1	188.4	2.385	-28.70	67.8	S0312	.0315U	8.9787	0.4	A
5009	27341.99	30 26N	47 38E	82.0	187.4	2.733	-28.70	72.0	S0312	.0315U	8.7808	0.8	F
5010	27423.99	24 59N	46 24E	85.7	187.1	2.733	-33.25	72.1	S0312	.0315U	8.5535	0.8	V
5011	27952.79	11 30S	39 34E	114.8	186.5	3.090	-38.50	47.8	S0312	.0226U	6.2166	0.8	F
9001	26796.39	67 31N	64 1E	81.5	197.0	1.475	22.40	45.8	S0409	.0541U	9.0045	0.6	V
9002	26799.39	67 30N	64 1E	82.6	196.9	1.475	22.75	45.8	S0409	.0541U	8.7736	0.6	A
9003	26986.39	54 40N	55 36E	74.9	191.2	2.170	10.50	57.4	S0409	.0719U	9.7054	0.4	F
9004	26991.59	54 41N	55 36E	74.8	191.1	2.033	11.20	57.4	S0409	.0719U	9.6807	0.6	A
9005	27033.99	51 53N	54 56E	80.6	190.3	2.033	24.85	60.2	S0409	.0719U	9.1034	0.6	V
9006	27036.99	51 53N	54 56E	81.9	190.3	2.033	25.20	60.2	S0409	.0541U	8.8478	0.6	A
9007	27149.19	43 30N	51 18E	72.8	188.9	2.511	-9.10	65.9	S0409	.0719U	9.9363	0.8	F
9008	27154.39	43 30N	51 18E	72.7	188.8	2.511	-8.40	65.9	S0409	.0719U	9.9775	0.8	A
9009	27202.99	40 25N	49 49E	81.0	188.4	2.385	-28.70	67.8	S0409	.0409U	8.9797	0.4	A
9010	27207.59	39 54N	49 22E	88.6	188.3	2.170	-37.80	67.8	S0409	.0309U	8.2459	1.2	V
9011	27311.79	32 20N	48 21E	76.2	187.6	2.872	-18.90	71.7	S0409	.0541U	9.4745	0.6	F
9012	27314.79	32 16N	48 18E	76.6	187.6	2.872	-19.60	71.7	S0409	.0541U	9.4250	0.6	F
9013	27326.79	31 24N	48 34E	73.4	187.5	3.090	-1.75	72.3	S0409	.0719U	9.8703	0.6	F
9014	27331.99	31 24N	48 35E	73.3	187.5	3.090	-0.70	72.4	S0409	.0719U	9.8558	0.6	A
9015	27341.19	30 26N	47 39E	82.1	187.4	2.733	-28.70	72.0	S0409	.0409U	8.7348	1.0	F
9016	27347.19	30 27N	47 39E	81.6	187.4	2.872	-28.00	72.0	S0409	.0409U	8.8973	0.8	A

Handle via
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BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
969 9017	27357.19	29 19N	48 3E	73.9	187.4	3.090	-5.25	72.7	S0409	.07190	9.8043	1.6	F
9018	27362.59	29 18N	48 2E	73.9	187.3	3.090	-4.55	72.7	S0409	.07190	9.8043	1.6	A
9019	27376.39	29 0N	48 35E	83.3	187.3	2.733	25.55	73.5	S0409	.05410	8.7301	1.4	V
9020	27391.79	27 43N	46 58E	83.6	187.2	2.872	-30.10	72.3	S0409	.05410	8.6911	1.4	A
9021	27574.39	14 19N	45 16E	77.3	186.5	3.439	-2.10	69.0	S0409	.05410	9.3591	0.8	F
9022	27579.99	14 19N	45 17E	77.6	186.6	3.439	-0.35	69.1	S0409	.05410	9.3043	0.8	A
9023	27594.99	12 54N	45 1E	78.9	186.6	3.439	-2.10	68.2	S0409	.05410	9.1612	0.8	F
9024	27600.59	12 54N	45 1E	79.2	186.5	3.439	-1.05	68.2	S0409	.05410	9.1054	1.0	A
9025	27629.99	10 26N	44 59E	84.3	186.5	3.211	15.05	66.9	S0409	.04090	8.6004	0.6	F
9026	27632.99	10 26N	44 60E	83.8	186.5	3.211	15.75	66.9	S0409	.04090	8.7159	0.6	V
9027	27644.19	9 44N	44 12E	79.8	186.5	3.439	-11.90	65.9	S0409	.05410	9.1447	0.6	V
9028	27647.19	9 43N	44 12E	80.7	186.5	3.439	-11.20	65.9	S0409	.05410	8.9385	0.6	A
9029	27683.19	6 46N	44 16E	84.2	186.5	3.211	11.90	64.2	S0409	.05410	8.5322	0.5	F
9030	27689.39	6 46N	44 16E	85.0	186.5	3.211	12.95	64.2	S0409	.05410	8.4520	0.5	A
9031	27696.99	6 47N	43 44E	82.1	186.5	3.574	-5.95	63.5	S0409	.05410	8.7654	1.4	A
9032	27962.39	11 47S	39 50E	105.6	186.6	3.439	-30.45	47.8	S0409	.05410	6.8028	1.0	A
970 9001	32141.98	64 41N	39 13E	78.6	195.3	1.687	16.45	48.4	S0409	.07190	9.2109	1.0	F
9002	32147.58	64 41N	39 12E	78.5	195.0	1.475	16.80	48.4	S0409	.07190	9.2106	1.0	A
9003	32285.78	55 6N	34 15E	72.9	191.3	2.033	-0.35	56.9	S0409	.07190	9.9363	0.4	F
9004	32290.98	55 6N	33 16E	72.8	191.2	2.033	0.35	57.0	S0409	.07190	9.9528	0.4	A
9005	32297.18	54 58N	32 20E	74.2	191.1	2.033	-13.30	57.5	S0409	.07190	9.7384	0.4	F
9006	32302.58	54 58N	32 20E	74.0	191.0	2.033	-12.60	57.5	S0409	.07190	9.8126	0.4	A
9007	32446.38	46 28N	28 44E	80.4	189.0	2.170	-29.05	65.1	S0409	.05410	9.1117	0.6	V
9008	32449.38	46 28N	28 44E	81.1	188.9	2.385	-29.05	65.1	S0409	.05410	8.9550	0.6	A
9009	32490.78	41 6N	28 38E	72.4	188.3	2.733	-5.60	67.7	S0409	.07190	10.0023	0.6	F
9010	32495.78	41 7N	28 38E	72.3	188.3	2.733	-4.90	67.7	S0409	.07190	10.0187	0.6	A
9011	32633.78	31 41N	27 14E	83.9	187.3	2.511	27.30	73.0	S0409	.04090	8.7489	0.6	V
9012	32636.78	31 42N	27 14E	85.2	187.3	2.511	27.65	73.0	S0409	.03690	8.4767	0.3	A
9013	32643.98	29 43N	25 32E	77.6	187.4	2.872	-20.65	72.4	S0409	.05410	9.3013	0.8	F
9014	32669.58	29 43N	25 32E	77.3	187.3	3.090	-19.95	72.4	S0409	.05410	9.3838	0.8	A
971 5001	37853.18	37 2N	6 35E	86.5	188.1	2.511	30.10	70.7	S0312	.03150	8.4263	0.6	F
5002	37859.38	36 49N	5 53E	73.6	188.0	2.733	9.80	70.4	S0312	.03150	9.9681	0.6	V
5003	37877.38	35 42N	5 23E	72.8	187.9	2.872	3.15	71.0	S0312	.03150	9.9561	0.6	F
5004	37882.58	35 42N	5 24E	73.1	187.9	2.872	4.20	71.0	S0312	.03150	9.9269	0.6	A
9001	37767.18	43 4N	6 23E	78.0	188.8	2.385	-24.15	66.1	S0409	.04090	9.2501	0.6	F
9002	37772.78	43 4N	6 22E	77.5	188.7	2.511	-23.45	66.1	S0409	.04090	9.3673	0.6	A
9003	37865.98	36 15N	5 25E	78.1	188.0	2.872	-2.80	70.5	S0409	.07190	10.0317	0.6	F
9004	37871.18	36 15N	5 25E	78.2	187.9	2.872	-1.75	70.5	S0409	.07190	10.0485	0.6	A
9005	38299.18	11 0N	1 1E	86.1	186.5	3.090	19.25	67.4	S0409	.05410	8.4130	1.2	F
9006	38288.78	9 59N	0 0E	81.0	186.5	3.574	-9.45	65.8	S0409	.05410	8.6973	1.6	A
9007	38309.38	5 36N	0 10W	84.8	186.5	3.211	10.50	63.3	S0409	.05410	8.5345	0.8	F
9008	38312.58	5 35N	0 10W	84.2	186.4	3.211	11.20	63.3	S0409	.05410	8.6664	0.6	V
9009	38315.58	5 35N	0 11W	85.1	186.4	3.211	10.85	63.3	S0409	.05410	8.4355	1.2	A
973 5001	49071.97	4 49S	47 26W	104.6	186.4	3.211	-36.40	53.8	S0312	.03150	8.9174	1.0	V
5002	49099.17	6 29S	47 25W	96.8	186.5	3.574	-25.55	52.6	S0312	.03150	7.4204	0.8	A
9001	49077.57	5 29S	47 24W	101.9	186.4	3.211	-32.55	53.4	S0409	.05410	7.0007	1.2	F
9002	49201.17	14 0S	47 30W	100.9	186.6	3.090	17.85	46.5	S0409	.05410	7.1326	1.0	F
9003	49214.17	14 2S	48 31W	102.1	186.5	3.574	-25.20	45.6	S0409	.05410	7.0172	0.8	A
9004	49267.97	17 0S	48 40W	108.2	186.8	3.574	-28.70	42.2	S0409	.05410	6.5967	1.0	A
974 5001	54542.17	16 22S	71 30W	106.2	186.7	3.439	-30.80	43.6	S0312	.02260	6.8926	1.0	V
5002	54546.17	16 22S	71 30W	107.5	186.7	3.439	-30.45	43.6	S0312	.01710	6.6619	0.8	A
9001	54565.57	17 0S	71 20W	101.2	186.7	3.439	-29.60	42.7	S0409	.05410	7.0302	1.0	F
9002	54565.97	18 26S	70 19W	105.5	186.7	2.872	18.90	42.5	S0409	.05410	6.7946	1.2	F
9003	54571.97	18 19S	70 20W	105.8	186.8	2.739	18.90	42.6	S0409	.05410	6.7121	1.0	A
975 5001	59128.57	32 52N	84 56W	93.5	187.6	2.170	-40.60	71.1	S0312	.02260	7.6595	0.6	F
5002	59131.97	32 52N	84 56W	92.2	187.6	2.385	-40.60	71.1	S0312	.02260	7.9233	0.8	V
5003	59135.17	32 53N	84 56W	93.0	187.6	2.385	-40.25	71.1	S0312	.02260	7.8079	0.8	A
9001	59128.37	32 53N	84 56W	93.6	187.6	2.170	-40.60	71.1	S0409	.05410	7.6604	0.6	F
9002	59131.77	32 53N	84 56W	92.3	187.6	2.385	-40.60	71.1	S0409	.05410	7.9243	0.8	V
9003	59135.17	32 53N	84 56W	92.9	187.6	2.385	-40.25	71.1	S0409	.05410	7.8088	0.6	A
976 9001	64468.97	30 9N	107 8W	82.1	187.4	2.872	-30.45	72.0	S0409	.05410	8.8561	0.8	A
977 9001	70522.36	21 9S	134 46W	110.2	186.9	3.211	-28.70	38.6	S0409	.05410	6.5389	0.8	V
9002	70526.36	21 9S	134 47W	111.4	186.9	3.439	-26.70	38.6	S0409	.05410	6.3988	1.0	A
980 9001	85175.15	64 45N	177 45E	76.1	195.3	1.687	6.30	48.3	S0409	.05410	9.5075	0.4	F
9002	85180.55	64 45N	177 45E	76.1	195.1	1.475	7.00	48.3	S0409	.05410	9.5240	0.6	A
981 9001	4385.75	44 34N	146 58E	73.5	185.0	2.511	11.20	65.5	S0409	.05410	9.9858	0.4	V

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4354 COMMAND INFORMATION

REV	FRAME	SYSTEM TIME	PRINCIPAL RAY LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
9A1	9002	4389.55	44 33N	146 58E	74.5	189.0	2.511	11.55	65.5	S0409	.05410	9.7301	0.4	A
	9003	4397.15	43 39N	146 19E	72.2	188.9	2.733	-2.45	66.0	S0409	.09670	10.0435	0.4	F
	9004	4402.35	43 39N	146 19E	72.2	186.6	2.733	-1.75	66.0	S0409	.09670	10.0517	0.4	A
9A2	5001	9583.95	51 53N	128 2E	86.8	190.5	2.170	30.45	60.0	S0312	.03150	8.3586	0.4	F
	5002	9587.15	51 53N	128 3E	86.4	190.4	2.170	31.15	60.0	S0312	.03150	8.5087	0.4	V
	5003	9588.35	51 48N	128 1E	86.4	190.4	2.170	31.15	60.1	S0312	.03150	8.5087	0.6	V
	5004	9590.35	51 40N	127 58E	86.4	190.4	2.170	31.15	60.2	S0312	.03150	8.5087	0.6	V
	5005	9593.55	51 40N	127 58E	87.8	190.3	1.810	31.85	60.2	S0312	.03150	8.2696	0.6	A
	5006	9597.15	51 23N	127 45E	85.2	190.3	2.033	29.05	60.4	S0312	.03150	8.5087	0.4	A
	5007	9598.15	51 21N	127 44E	85.2	190.3	2.033	29.05	60.4	S0312	.03150	8.5087	0.6	A
	5008	9599.75	51 13N	127 41E	85.2	190.2	2.033	29.05	60.5	S0312	.03150	8.5170	0.4	A
	5009	9771.75	39 17N	122 6E	84.4	188.3	2.385	-33.25	68.3	S0312	.03150	8.5500	0.6	F
	5010	9774.75	39 17N	122 6E	83.2	188.3	2.385	-32.90	68.3	S0312	.03150	8.8138	0.6	V
	5011	9776.15	39 14N	122 5E	83.2	188.3	2.385	-32.90	68.4	S0312	.03150	8.8138	0.6	V
	5012	9779.15	39 11N	122 5E	83.9	188.2	2.385	-32.55	68.4	S0312	.03150	8.6819	0.6	A
	5013	9797.55	37 25N	122 41E	72.5	188.1	2.872	0.70	69.9	S0312	.03150	10.0176	0.4	F
	5014	9802.75	37 25N	122 41E	72.6	188.1	2.872	1.40	70.0	S0312	.03150	10.0011	0.4	A
	5015	9805.55	37 14N	122 39E	72.7	188.0	2.872	1.40	70.1	S0312	.03150	9.9928	0.6	A
	5016	9809.95	36 58N	122 32E	72.6	188.0	2.872	0.35	70.2	S0312	.03150	10.0011	0.6	A
	5017	9902.35	30 8N	121 33E	79.6	187.4	2.872	19.95	73.1	S0312	.03150	9.1518	0.6	F
	5018	10388.75	3 19S	114 35E	88.5	186.4	3.574	-13.65	55.5	S0312	.04150	8.1212	0.4	F
	5019	10391.95	3 19S	114 36E	87.5	186.4	3.574	-12.95	55.6	S0312	.04150	8.3191	0.4	V
	9001	9752.55	40 25N	124 5E	80.0	188.5	2.511	23.10	68.5	S0409	.05410	9.8952	0.4	F
	9002	9757.15	40 30N	125 58E	78.1	188.4	2.511	19.60	68.4	S0409	.05410	9.2684	1.0	A
	9003	9797.35	37 26N	122 41E	72.5	188.1	2.872	0.70	69.9	S0409	.07190	10.0107	0.8	F
	9004	9802.55	37 26N	122 41E	72.6	188.1	2.872	1.40	69.9	S0409	.07190	10.0023	0.8	A
	9005	9885.35	31 24N	121 25E	73.8	187.5	3.090	4.90	72.5	S0409	.05410	9.8208	0.8	F
	9006	9890.75	31 0N	121 13E	73.3	187.5	3.090	0.00	72.5	S0409	.07190	9.8951	0.6	F
	9007	9895.95	31 0N	121 13E	73.4	187.5	3.090	0.70	72.5	S0409	.07190	9.8703	0.6	A
	9008	9907.75	29 46N	121 24E	78.4	187.4	2.872	17.50	73.1	S0409	.05410	9.2766	0.6	F
	9009	9913.35	29 46N	121 24E	78.7	187.4	2.733	18.20	73.1	S0409	.05410	9.1694	0.6	A
	9010	9971.95	25 27N	119 38E	76.8	187.1	3.090	-18.20	72.6	S0409	.05410	9.4085	0.6	F
	9011	9977.35	25 27N	119 39E	76.4	187.1	3.211	-17.15	72.6	S0409	.05410	9.4348	0.6	A
	9012	10388.35	3 17S	114 35E	88.5	186.4	3.574	-13.65	55.6	S0409	.05410	8.1222	0.4	F
	9013	10391.55	3 17S	114 36E	87.4	186.4	3.574	-12.95	55.6	S0409	.05410	8.3201	0.6	V
	9014	10397.75	3 95S	114 46E	86.6	186.4	3.439	-2.80	55.3	S0409	.05410	8.3443	0.4	V
	9015	10400.95	3 45S	114 47E	87.8	186.4	3.434	-2.10	55.4	S0409	.05410	8.1654	0.6	A
9A3	5001	14686.35	65 57N	112 21E	76.4	196.0	1.475	8.05	47.2	S0312	.04150	9.4499	0.4	F
	5002	14691.75	65 57N	112 21E	76.4	195.8	1.475	8.40	47.2	S0312	.04150	9.5064	0.6	A
	5003	14829.55	56 50N	105 48E	77.6	191.7	1.810	-20.65	55.3	S0312	.03150	9.3662	0.6	A
	5004	14881.55	52 57N	103 35E	89.4	190.7	1.475	-36.75	58.4	S0312	.02250	8.0635	0.6	F
	5005	14884.75	52 57N	103 35E	88.1	190.6	1.687	-36.75	58.4	S0312	.02250	8.3191	0.8	V
	5006	14889.95	52 46N	103 37E	87.1	190.5	1.810	-35.00	58.6	S0312	.03150	8.3521	1.2	A
	9001	14679.35	66 25N	112 40E	76.3	196.3	1.475	7.00	46.8	S0409	.07190	9.4910	1.2	F
	9002	14816.35	57 16N	106 33E	73.4	191.9	2.033	-8.40	55.0	S0409	.07190	9.8621	0.8	F
	9003	14821.75	57 17N	106 33E	73.2	191.8	2.033	-7.70	55.0	S0409	.07190	9.9198	0.8	A
	9004	15053.95	41 7N	100 32E	81.5	188.5	2.170	-30.45	67.3	S0409	.05410	8.8496	0.8	F
	9005	15059.75	41 7N	100 32E	81.0	188.5	2.385	-30.10	67.3	S0409	.05410	8.9797	0.8	A
	9006	15116.35	36 52N	100 52E	74.3	188.0	2.733	17.15	70.5	S0409	.05410	9.8786	0.4	V
	9007	15121.35	36 23N	100 30E	72.2	188.0	2.872	7.70	70.6	S0409	.05410	10.0692	1.0	F
	9008	15126.55	36 23N	100 30E	72.3	187.9	2.872	8.40	70.6	S0409	.05410	10.0187	1.0	A
9A4	5001	20162.74	54 50N	82 27E	83.7	191.2	1.687	-31.85	56.8	S0312	.03150	8.7861	0.6	V
	5002	20165.74	54 50N	82 27E	84.4	191.1	1.687	-31.50	56.8	S0312	.03150	8.6242	0.6	A
	5003	20243.74	49 15N	81 9E	74.5	189.9	2.033	-16.10	61.7	S0312	.03150	9.7125	0.4	F
	5004	20248.94	49 15N	81 9E	74.3	189.9	2.385	-15.75	61.7	S0312	.03150	9.7950	0.6	A
	5005	20251.54	49 3N	81 5E	74.3	189.7	2.385	-16.10	61.8	S0312	.03150	9.7950	0.6	A
	9001	20133.54	56 35N	85 0E	76.3	191.7	2.033	13.65	55.8	S0409	.07190	9.5075	0.6	F
	9002	20139.14	56 35N	85 0E	76.5	191.6	2.033	14.35	55.8	S0409	.07190	9.4745	0.6	A
	9003	20145.94	55 46N	84 28E	74.7	191.5	2.170	9.10	56.5	S0409	.05410	9.7136	0.4	F
	9004	20154.74	55 16N	83 5E	77.3	191.3	1.810	-20.65	56.6	S0409	.07190	9.5426	0.4	F
	9005	20157.54	55 16N	83 3E	76.7	191.3	1.810	-21.35	56.6	S0409	.07190	9.5487	0.8	V
	9006	20162.74	54 59N	82 27E	83.7	191.2	1.687	-31.85	56.8	S0409	.07190	8.7571	0.4	V
	9007	20165.74	54 50N	82 27E	84.4	191.1	1.687	-31.50	56.8	S0409	.07190	8.6252	0.4	A
	9008	20182.14	53 20N	83 22E	73.7	190.8	2.170	6.65	58.5	S0409	.05410	9.8373	0.4	F
	9009	20187.34	53 20N	83 22E	73.8	190.7	2.170	7.35	58.5	S0409	.05410	9.8291	0.6	A
	9010	20194.94	52 30N	82 42E	72.7	190.5	2.170	-3.15	59.2	S0409	.07190	9.9610	0.6	F
	9011	20200.14	52 30N	82 42E	72.6	190.5	2.170	-2.45	59.2	S0409	.07190	9.9958	0.6	A
	9012	20210.94	51 42N	81 12E	85.0	190.3	1.810	-33.95	59.5	S0409	.05410	8.6087	0.6	V
	9013	20214.14	51 42N	81 13E	85.6	190.3	1.810	-33.60	59.5	S0409	.05410	8.4767	0.4	A
	9014	20236.34	49 44N	81 5E	77.3	189.9	2.033	-22.40	61.2	S0409	.07190	9.3508	0.4	F
	9015	20239.14	49 44N	81 4E	76.3	189.9	2.033	-22.40	61.2	S0409	.07190	9.6064	0.4	V
	9016	20243.54	49 15N	81 9E	74.5	189.8	2.033	-16.10	61.7	S0409	.07190	9.7136	0.6	F
	9017	20248.94	49 15N	81 9E	74.2	189.8	2.385	-15.75	61.7	S0409	.07190	9.7961	0.6	A
	9018	20265.74	48 46N	80 52E	75.6	189.7	2.170	-19.60	62.0	S0409	.07190	9.6147	0.6	A
	9019	20263.54	47 52N	80 26E	78.1	189.6	2.033	-24.50	62.6	S0409	.05410	9.2919	0.6	F
	9020	20269.14	47 52N	80 27E	77.5	189.5	2.170	-23.80	62.6	S0409	.05410	9.3673	0.6	A
	9021	20462.54	34 9N	77 31E	72.9	187.8	2.872	-6.30	71.3	S0409	.05410	9.9363	0.8	F
	9022	20467.74	34 9N	77 30E	72.9	187.7	2.872	-5.60	71.3	S0409	.05410	9.9528	0.8	A
	9023	20491.54	32 12N	76 23E	82.5	187.6	2.511	-31.15	71.5	S0409	.04090	8.7324	1.6	F

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
984 9024	20497.34	32 16N	76 23E	82.1	187.6	2.733	-30.80	71.5	S0409	.04090	8.8561	1.2	A
9025	20522.94	30 16N	75 52E	85.5	187.4	2.511	-34.30	71.9	S0409	.04090	8.5592	0.6	V
9026	20525.94	30 16N	75 51E	86.3	187.4	2.733	-34.30	71.9	S0409	.04090	8.4190	0.6	A
9027	20567.14	26 56N	75 46E	75.6	187.2	3.090	-15.40	72.7	S0409	.05410	9.5652	1.0	F
9028	20572.54	26 56N	75 46E	75.4	187.2	3.090	-14.35	72.7	S0409	.07190	9.6229	1.0	A
985 5001	25431.74	57 24N	61 25E	82.9	191.9	1.475	-29.05	54.7	S0312	.03150	8.6984	0.6	F
5002	25435.54	57 9N	61 7E	86.1	191.9	1.475	-32.90	54.9	S0312	.03150	8.3686	0.4	F
5003	25440.54	56 49N	60 57E	86.7	191.8	1.475	-33.60	55.2	S0312	.03150	8.3109	0.6	F
5004	25443.54	56 39N	60 57E	85.4	191.7	1.475	-33.25	55.2	S0312	.03150	8.5747	0.6	V
5005	25449.34	56 16N	60 41E	86.4	191.6	1.475	-34.30	55.7	S0312	.03150	8.3438	0.4	F
5006	25452.54	56 16N	60 41E	85.8	191.5	1.475	-33.95	55.7	S0312	.03150	8.6077	0.6	V
5007	25453.94	56 7N	60 36E	85.9	191.5	1.475	-33.95	55.8	S0312	.03150	8.5170	0.8	V
5008	25467.14	56 7N	60 38E	86.7	191.4	1.687	-33.95	55.8	S0312	.03150	8.3963	0.4	A
5009	25910.54	24 54N	53 5E	78.6	187.1	3.090	-21.00	72.4	S0312	.04150	9.2343	0.6	A
9001	25500.54	52 36N	60 37E	72.7	190.6	2.170	-3.85	59.0	S0409	.07190	9.9610	0.4	F
9002	25505.74	52 30N	60 37E	72.6	190.5	2.170	-3.15	59.0	S0409	.07190	9.9940	0.4	A
9003	25519.14	51 42N	60 19E	72.6	190.3	2.385	-3.85	60.3	S0409	.07190	9.9358	0.4	F
9004	25522.94	51 30N	60 13E	72.6	190.3	2.385	0.35	60.4	S0409	.07190	9.9358	0.6	F
9005	25528.14	51 30N	60 13E	72.6	190.2	2.385	1.05	60.4	S0409	.07190	9.9940	0.6	A
9006	25532.74	50 47N	60 5E	72.5	190.1	2.385	0.35	60.6	S0409	.07190	10.0105	0.6	A
9007	25567.94	48 52N	58 3E	86.8	189.6	2.033	-35.35	62.0	S0409	.05410	8.4778	0.6	A
9008	25624.54	44 14N	57 39E	73.7	189.0	2.511	-13.65	65.5	S0409	.07190	9.8126	0.6	F
9009	25629.94	44 1JN	57 39E	73.5	189.0	2.511	-12.95	65.5	S0409	.07190	9.8786	0.6	A
9010	25699.54	39 4N	56 22E	73.4	188.3	2.733	-12.25	66.8	S0409	.04090	9.8538	1.0	F
9011	25704.94	39 1N	56 22E	73.3	188.2	2.733	-11.55	66.9	S0409	.04090	9.9083	0.8	A
9012	25910.34	24 54N	53 5E	78.5	187.1	3.090	-21.00	72.4	S0409	.05410	9.2334	1.0	A
9013	26097.34	11 36N	51 7E	79.2	186.6	3.439	-4.20	67.5	S0409	.07190	9.1117	0.8	A
986 5001	30607.14	66 36N	44 42E	81.0	196.1	1.332	-23.10	46.5	S0312	.04150	8.9622	0.4	A
5002	31978.34	27 48S	21 31E	107.9	187.2	3.211	-14.00	63.3	S0312	.03150	8.5959	0.6	F
5003	31982.34	27 48S	21 31E	106.7	187.2	3.211	-13.30	63.3	S0312	.04150	8.7443	0.8	V
9001	30657.14	62 36N	41 47E	86.5	194.2	1.113	-31.50	49.8	S0409	.07190	8.4283	1.0	F
9002	30663.34	62 30N	41 47E	86.1	194.0	1.332	-31.50	49.8	S0409	.07190	8.4273	1.0	A
9003	30746.14	56 42N	38 6E	97.5	191.6	1.332	-43.05	55.4	S0409	.05410	7.5120	0.6	V
9004	30765.14	55 36N	38 10E	90.5	191.4	1.332	-37.10	56.2	S0409	.05410	7.9555	1.2	F
9005	30771.74	55 36N	38 9E	89.9	191.3	1.687	-37.10	56.2	S0409	.05410	8.0309	1.0	A
9006	30819.14	51 48N	39 16E	82.4	190.4	2.170	-28.05	60.1	S0409	.05410	8.8313	1.0	F
9007	30825.14	51 42N	39 16E	83.0	190.3	2.033	-26.60	60.1	S0409	.05410	8.7241	0.8	A
9008	30861.74	49 24N	36 20E	86.5	189.9	1.810	-35.70	60.9	S0409	.05410	8.4462	0.4	V
9009	30864.74	49 18N	36 21E	86.9	189.9	2.033	-35.35	60.9	S0409	.05410	8.3613	0.4	A
9010	30871.74	48 42N	35 58E	85.4	189.7	1.810	-34.65	62.0	S0409	.05410	8.5574	0.8	V
9011	30874.94	48 36N	35 58E	86.1	189.6	2.033	-34.65	62.0	S0409	.05410	8.4468	0.8	A
9012	30890.14	47 9N	37 12E	74.2	189.4	2.385	12.95	63.7	S0409	.07190	9.6868	0.4	V
9013	30892.94	47 3N	37 12E	75.1	189.4	2.385	13.30	63.7	S0409	.07190	9.6394	0.4	A
9014	30917.34	45 9N	35 32E	76.8	189.1	2.170	-21.70	64.7	S0409	.07190	9.4805	0.6	F
9015	30922.94	45 3N	35 32E	76.4	189.1	2.385	-21.35	64.7	S0409	.07190	9.5075	0.6	A
9016	31045.54	34 06N	33 23E	73.0	187.8	2.872	-9.10	71.0	S0409	.07190	9.9115	0.4	F
9017	31070.74	34 0N	33 23E	72.9	187.8	2.872	-8.40	71.0	S0409	.07190	9.9445	0.4	A
9018	31122.14	31 0N	31 55E	83.7	187.5	2.511	-31.15	71.8	S0409	.03090	8.6004	0.8	F
9019	31128.14	31 0N	31 55E	83.3	187.5	2.733	-30.80	71.8	S0409	.04090	8.7241	0.8	A
9020	31136.94	30 48N	31 16E	97.8	187.4	2.170	-43.05	71.6	S0409	.05410	7.5388	0.8	F
9021	31140.34	30 0N	31 15E	96.4	187.4	2.385	-43.05	71.6	S0409	.05410	7.5944	1.0	V
9022	31143.94	30 0N	31 15E	97.0	187.4	2.385	-42.70	71.6	S0409	.05410	7.4955	0.6	A
9023	31978.34	27 48S	21 31E	107.9	187.2	3.211	-14.00	63.3	S0409	.07190	8.5967	0.8	F
9024	31986.14	27 48S	21 31E	108.2	187.2	3.211	-12.95	63.3	S0409	.07190	8.5667	0.8	A
987 5001	36094.13	54 1N	16 1E	80.3	191.0	1.810	-26.60	57.7	S0312	.03150	8.9969	0.6	F
5002	36161.93	49 12N	16 8E	79.7	189.9	2.385	22.40	62.1	S0312	.03150	9.1189	1.2	F
5003	36167.53	49 12N	16 9E	80.3	189.8	2.170	23.45	62.1	S0312	.03150	9.0447	1.0	A
5004	36359.93	35 47N	10 50E	82.6	187.9	2.385	-30.45	70.2	S0312	.04150	8.7561	0.4	F
5005	36407.73	32 30N	11 51E	87.1	187.6	2.385	31.15	72.7	S0312	.03150	8.4263	0.6	V
5006	36410.73	32 30N	11 51E	88.5	187.6	2.385	31.50	72.7	S0312	.03150	8.1624	0.8	A
9001	36101.33	53 27N	16 35E	73.1	190.8	2.170	-7.35	58.3	S0409	.07190	9.9083	0.6	F
9002	36106.53	53 27N	16 35E	72.9	190.7	2.170	-6.65	58.3	S0409	.07190	9.9528	0.6	A
9003	36116.73	52 48N	15 35E	73.7	190.6	1.810	-24.15	59.0	S0409	.07190	9.1694	0.6	F
9004	36122.33	52 48N	15 35E	73.3	190.5	2.033	-23.80	59.0	S0409	.07190	9.2849	0.8	A
9005	36135.93	51 12N	14 14E	97.3	190.3	1.332	-42.70	59.7	S0409	.05410	7.4048	0.4	F
9006	36139.33	51 12N	14 14E	95.6	190.2	1.332	-42.35	59.8	S0409	.05410	7.6604	0.4	V
9007	36150.13	50 54N	15 44E	72.7	190.0	2.385	2.45	61.2	S0409	.07190	9.9775	0.6	F
9008	36155.33	50 48N	15 44E	72.7	190.0	2.385	3.15	61.2	S0409	.07190	9.9775	0.6	A
9009	36197.93	47 18N	14 27E	72.3	189.4	2.385	-8.40	63.3	S0409	.07190	10.0435	0.6	A
9010	36226.73	44 30N	13 51E	72.4	189.1	2.511	-6.30	65.1	S0409	.09670	10.0023	0.4	F
9011	36231.93	44 30N	13 51E	72.3	189.0	2.511	-5.60	65.1	S0409	.09670	10.0270	0.4	A
988 9001	42014.33	11 24N	15 35W	81.3	186.6	3.439	-19.25	67.1	S0409	.05410	8.9797	0.4	V
9002	42017.33	11 24N	15 35W	82.1	186.5	3.439	-18.55	67.2	S0409	.05410	8.7983	0.4	A
989 9001	47723.93	16 11S	42 36W	98.3	186.7	3.439	-16.80	44.0	S0409	.05410	7.2726	1.2	F
9002	47824.13	22 30S	43 14W	101.2	187.0	3.090	-3.85	38.1	S0409	.07190	7.1326	0.6	V

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
989 9003	47827.93	22 50S	43 14W	102.7	187.0	3.090	4.20	38.1	S0409	.05410	6.9100	0.6	A
990 5001	53040.52	19 30S	65 43W	105.6	186.8	3.439	-28.35	40.8	S0312	.03150	6.8432	0.8	V
5002	53168.52	25 30S	65 55W	101.6	187.1	3.090	2.45	35.5	S0312	.04150	7.0906	0.6	V
5003	53172.12	25 30S	65 55W	103.2	187.1	3.090	2.80	35.5	S0312	.03150	6.8845	0.8	A
5004	53362.32	38 54S	69 15W	115.1	186.2	2.872	-8.75	22.7	S0312	.04150	6.1589	0.6	F
9001	53232.92	30 10S	66 16W	114.7	187.4	2.733	17.85	31.3	S0409	.05410	6.2173	0.4	F
9002	53237.12	30 19S	66 16W	114.1	187.4	2.511	18.55	31.3	S0409	.05410	6.2398	0.4	V
9003	53241.32	30 18S	66 16W	116.3	187.4	2.511	18.90	31.3	S0409	.05410	6.0772	0.6	A
991 5001	57765.92	22 39N	79 43W	75.9	187.0	3.211	-12.25	72.3	S0312	.03150	9.5341	0.8	F
9001	57770.72	22 43N	79 53W	77.9	186.9	3.211	-18.55	72.1	S0409	.05410	9.3013	0.6	A
9002	57772.52	22 39N	79 55W	77.9	186.9	3.211	-18.55	72.1	S0409	.05410	9.3013	0.4	A
9003	57776.12	22 21N	80 3W	79.7	186.9	3.211	-22.40	71.9	S0409	.05410	9.1034	0.4	A
992 5001	64009.52	26 50N	101 27W	81.9	187.2	2.872	-24.75	72.3	S0312	.03150	8.9375	1.0	V
5002	63125.52	18 50N	101 40W	84.9	186.8	2.872	23.10	71.8	S0312	.03150	8.5005	1.0	A
9001	63119.72	19 2N	102 5W	76.8	186.8	3.211	4.90	71.5	S0409	.05410	9.4333	0.8	F
993 9001	68137.52	38 41N	121 20W	88.6	188.2	2.170	-37.10	68.6	S0409	.05410	8.1304	3.0	F
9002	68193.72	34 39N	120 37W	78.3	187.8	2.733	18.90	71.6	S0409	.05410	9.2931	0.8	F
9003	68199.32	34 39N	120 36W	78.8	187.8	2.733	19.95	71.6	S0409	.05410	9.1612	0.8	A
997 9001	2773.10	52 47N	156 10E	76.8	190.5	2.170	17.50	59.1	S0409	.09670	9.5487	0.4	V
9002	2775.90	52 47N	156 10E	78.0	190.5	2.170	17.85	59.1	S0409	.07190	9.2931	0.4	A
9003	2810.50	50 1N	155 24E	81.5	190.1	2.385	23.50	61.5	S0409	.05410	8.9220	0.4	F
9004	2813.30	50 1N	155 25E	80.8	190.0	2.170	24.50	61.5	S0409	.05410	9.0352	0.6	V
9005	2819.50	49 59N	154 52E	74.9	189.9	2.385	13.30	61.7	S0409	.05410	9.8126	0.4	V
9006	2822.30	49 59N	154 52E	75.8	189.9	2.385	15.65	61.7	S0409	.05410	9.5570	0.4	A
9007	2828.50	49 54N	154 14E	72.9	189.8	2.511	1.75	62.1	S0409	.09670	9.8445	0.6	F
9008	2833.70	49 54N	154 14E	72.9	189.7	2.385	2.45	62.1	S0409	.09670	9.9528	0.6	A
9009	2841.10	49 6N	153 17E	76.1	189.6	2.170	-19.25	62.5	S0409	.05410	9.4492	0.4	F
9010	2843.90	49 6N	153 16E	75.1	189.6	2.170	-19.25	62.5	S0409	.05410	9.7549	0.6	V
9011	2846.90	49 5N	153 16E	76.9	189.6	2.385	-19.25	62.6	S0409	.05410	9.5735	0.4	A
99A 9001	A153.50	48 1N	131 57E	73.5	189.6	2.511	5.95	62.9	S0409	.07190	9.8703	0.8	F
9002	A158.70	48 1N	131 57E	73.6	189.6	2.385	6.65	62.9	S0409	.07190	9.8538	0.8	A
9003	A230.50	42 39N	130 21E	73.4	188.7	2.733	6.65	66.9	S0409	.07190	9.8703	0.6	A
9004	A924.90	5 2S	119 34E	114.8	186.4	2.872	-42.00	53.5	S0409	.04090	6.2173	0.8	F
9005	A929.10	5 2S	119 33E	113.4	186.4	3.090	-42.00	53.5	S0409	.04090	6.4152	0.6	V
999 5001	13649.50	35 30N	106 51E	77.8	187.9	2.733	20.65	71.2	S0312	.02250	9.4322	0.6	V
5002	13660.30	34 40N	105 55E	72.1	187.8	2.872	-7.70	71.1	S0312	.03150	10.0505	0.4	F
5003	13671.10	33 59N	106 44E	83.2	187.7	2.511	28.00	72.1	S0312	.03150	8.8420	0.8	V
5004	13674.30	33 50N	106 45E	84.9	187.7	2.511	28.70	72.1	S0312	.03150	8.5252	0.6	A
9001	13421.30	50 50N	110 60E	74.6	190.2	2.385	11.20	60.6	S0409	.07190	9.7215	0.8	F
9002	13426.70	50 50N	110 60E	74.9	190.2	2.170	12.25	60.6	S0409	.07190	9.6389	0.8	A
9003	13745.30	28 40N	104 38E	73.8	187.3	3.090	-4.40	72.7	S0409	.07190	9.8043	0.8	F
9004	13750.50	28 40N	104 39E	73.7	187.3	3.090	-7.35	72.7	S0409	.07190	9.6291	1.0	A
9005	13793.90	25 39N	103 42E	75.8	187.1	3.090	-20.30	72.5	S0409	.07190	9.6642	0.4	V
9006	13796.70	25 39N	103 43E	76.5	187.1	3.090	-19.60	72.5	S0409	.05410	9.4910	0.4	A
9007	14103.10	4 1N	100 38E	85.5	186.4	3.211	13.30	62.2	S0409	.05410	8.5345	0.6	V
1000 5001	18680.49	54 50N	89 28E	74.4	191.1	2.033	-12.60	57.0	S0255	.04150	9.7785	0.6	A
9001	18624.09	58 27N	92 17E	78.1	192.3	1.810	18.20	54.2	S0409	.05410	9.4003	0.4	V
9002	18626.89	58 26N	92 17E	78.9	192.3	1.810	18.20	54.2	S0409	.05410	9.1859	0.4	A
9003	18665.29	55 39N	89 58E	73.7	191.4	2.033	-7.00	56.5	S0409	.07190	9.8126	0.6	F
9004	18668.89	55 21N	89 56E	73.3	191.3	2.033	-4.20	56.7	S0409	.07190	9.8703	0.6	F
9005	18670.09	55 16N	89 56E	73.4	191.3	2.033	-4.20	56.8	S0409	.07190	9.8621	0.6	F
9006	18675.29	55 16N	89 56E	73.3	191.2	2.033	-3.50	56.8	S0409	.07190	9.9033	0.6	A
9007	19242.69	15 52N	80 29E	79.7	186.7	3.211	10.50	70.1	S0409	.05410	9.0952	0.6	F
9008	19248.49	15 52N	80 30E	80.3	186.7	3.211	11.55	70.1	S0409	.05410	8.9797	0.6	A
9009	19272.69	13 47N	80 14E	82.7	186.6	3.211	15.40	69.0	S0409	.05410	8.7736	0.6	F
9010	19275.69	13 46N	80 15E	82.2	186.6	3.211	16.10	69.0	S0409	.05410	8.9055	0.6	V
9011	19281.29	13 9N	80 10E	86.7	186.5	3.090	21.70	68.8	S0409	.05410	8.3695	1.0	F
9012	19285.69	13 4N	80 16E	85.7	186.6	2.872	21.70	68.7	S0409	.05410	8.5427	0.4	V
9013	19288.89	13 4N	80 16E	87.0	186.6	2.872	22.05	68.7	S0409	.05410	8.2623	0.4	A
1001 9001	24027.89	51 55N	67 22E	78.1	190.5	2.170	18.55	59.8	S0409	.05410	9.3096	0.8	F
9002	24033.49	51 55N	67 22E	78.4	190.4	2.170	19.25	59.8	S0409	.05410	9.2456	0.8	A
9003	24040.89	51 6N	66 18E	72.9	190.3	2.385	-3.50	60.3	S0409	.07190	9.9445	0.8	F
9004	24046.09	51 6N	66 18E	72.8	190.2	2.385	-2.80	60.3	S0409	.07190	9.9693	0.8	A
9005	24049.89	50 55N	66 10E	72.8	190.1	2.385	-4.20	60.5	S0409	.07190	9.9693	0.4	A
9006	24118.09	45 57N	63 17E	93.3	189.2	1.647	-40.25	63.8	S0409	.05410	7.7264	0.6	F

Handle via
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BYE-8915/84

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4354 COMMAND INFORMATION

REV	FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1001	9007	24191.49	45 37N	63 17E	91.7	183.2	1.637	-39.90	65.8	S0409	.05410	7.9902	0.6	V
	9008	24194.89	45 26N	63 17E	92.3	183.2	2.033	-39.90	65.8	S0409	.05410	7.8450	0.4	A
	9009	24241.49	37 45N	62 5E	74.4	186.1	2.733	-15.40	69.7	S0409	.05410	9.7301	0.4	F
	9010	24244.29	37 45N	62 5E	73.4	186.1	2.733	-15.05	69.7	S0409	.05410	9.9940	0.4	V
1002	5001	30088.89	0 21N	32 35E	92.7	186.4	3.434	-26.60	58.4	S0255	.03150	7.7584	0.6	F
	5002	30095.69	0 24N	32 35E	92.3	186.4	3.574	-25.55	58.4	S0255	.03150	7.8162	0.6	A
	9001	29105.29	67 54N	53 3E	76.2	197.1	1.332	-1.05	45.6	S0409	.07190	9.4910	0.6	F
	9002	29110.89	67 36N	53 3E	76.0	196.9	1.332	-0.70	45.6	S0409	.07190	9.5322	0.6	A
	9003	29199.89	61 24N	48 5E	76.6	193.5	1.637	-14.70	51.3	S0409	.07190	9.4415	1.0	F
	9004	29205.49	61 20N	48 5E	76.3	193.5	1.637	-14.35	51.3	S0409	.07190	9.5075	0.6	A
	9005	29276.49	56 10N	46 6E	73.6	191.6	2.033	-3.15	56.0	S0409	.07190	9.8456	0.6	F
	9006	29281.89	56 10N	46 6E	73.4	191.5	2.033	-2.45	56.1	S0409	.07190	9.8786	0.4	A
	9007	29330.89	53 7N	45 14E	74.0	190.7	2.170	6.30	58.7	S0409	.07190	9.8126	0.6	F
	9008	29336.29	53 6N	45 14E	74.0	190.7	2.170	7.00	58.7	S0409	.07190	9.7961	0.6	A
	9009	29339.49	51 47N	45 12E	78.3	190.4	2.170	18.90	60.0	S0409	.07190	9.2849	0.6	F
	9010	29340.89	51 41N	45 10E	78.3	190.4	2.170	18.90	60.0	S0409	.07190	9.2849	0.6	F
	9011	29345.09	51 47N	45 12E	73.6	190.5	2.170	19.60	60.0	S0409	.07190	9.2189	0.6	A
	9012	29344.49	51 41N	45 10E	78.4	190.5	2.170	19.60	60.0	S0409	.07190	9.2189	0.6	A
	9013	29349.29	51 50N	45 9E	78.4	190.3	2.170	19.25	60.2	S0409	.07190	9.2456	1.2	A
	9014	29383.89	48 54N	44 36E	84.9	189.8	2.033	29.75	62.5	S0409	.05410	8.6417	0.4	V
	9015	29386.89	48 54N	44 36E	85.9	189.7	2.033	29.75	62.4	S0409	.05410	8.4190	0.6	A
	9016	29391.89	48 54N	44 23E	83.9	189.7	2.033	27.65	62.7	S0409	.05410	8.6169	0.6	A
	9017	29401.09	47 40N	43 4E	72.7	189.6	2.511	-1.40	63.1	S0409	.07190	9.9775	1.0	F
	9018	29406.29	47 40N	43 5E	72.5	189.5	2.511	-0.70	63.1	S0409	.07190	9.9858	1.0	A
	9019	29414.49	47 11N	42 25E	75.2	189.4	2.385	-17.50	63.3	S0409	.07190	9.6542	0.6	A
	9020	29427.29	46 52N	42 37E	72.6	189.2	2.511	0.00	64.4	S0409	.07190	9.9958	0.6	F
	9021	29432.49	46 52N	42 36E	72.6	189.2	2.511	0.70	64.5	S0409	.07190	9.9940	0.6	A
	9022	29480.49	43 10N	41 41E	72.9	188.7	2.733	3.15	67.1	S0409	.04090	9.9445	1.2	F
	9023	29485.69	43 10N	41 41E	73.0	188.6	2.733	3.85	67.1	S0409	.04090	9.9280	1.2	A
	9024	29491.29	41 53N	41 36E	72.6	188.6	2.733	6.30	67.5	S0409	.07190	10.1095	0.6	V
	9025	29494.69	41 53N	41 34E	74.4	188.5	2.733	5.95	67.5	S0409	.07190	9.8786	0.6	A
	9026	29616.29	33 59N	39 20E	72.3	187.7	2.872	-0.70	71.9	S0409	.04090	9.9510	1.0	F
	9027	29622.89	33 47N	39 8E	72.3	187.6	3.090	-4.55	72.0	S0409	.04090	9.9510	1.0	F
	9028	29629.09	33 47N	39 8E	72.3	187.5	3.090	-3.50	72.0	S0409	.04090	9.9510	1.0	A
	9029	30469.69	25 49S	28 2E	106.7	187.1	3.211	-16.45	55.1	S0409	.05410	8.6709	0.8	F
	9030	30477.49	25 49S	28 2E	106.8	187.1	3.439	-15.75	55.1	S0409	.05410	8.6626	0.6	A
	9031	30485.49	26 05S	28 29E	105.1	187.2	3.090	1.40	54.8	S0409	.07190	8.7451	0.6	A
1003	5001	34806.29	41 0N	20 7E	85.0	188.5	2.385	29.75	68.2	S0255	.03150	8.6407	0.6	V
	5002	34809.49	41 0N	20 7E	86.5	188.5	2.170	30.45	68.2	S0255	.03150	8.3851	0.4	A
	5003	34955.09	31 11N	16 59E	74.4	187.5	2.733	6.30	72.5	S0255	.03150	9.7872	0.4	A
	9001	34206.09	80 30N	58 4E	79.8	222.8	0.417	-3.85	32.1	S0409	.05410	9.1529	0.6	V
	9002	34209.09	80 30N	58 2E	80.6	222.8	0.417	-3.85	32.2	S0409	.05410	8.9633	0.6	A
	9003	34391.69	69 40N	33 8E	76.6	198.9	1.332	1.75	43.6	S0409	.07190	9.4415	0.4	F
	9004	34394.49	69 40N	33 7E	75.6	198.8	1.332	1.75	43.6	S0409	.07190	9.6889	0.4	V
	9005	34399.49	69 26N	32 27E	75.5	198.5	1.332	-3.85	43.9	S0409	.07190	9.6372	0.4	V
	9006	34392.29	69 26N	32 26E	76.3	198.5	1.332	-3.85	43.9	S0409	.07190	9.4910	0.4	A
	9007	34408.29	68 1N	33 3E	84.9	197.4	1.332	25.90	45.3	S0409	.05410	8.6334	0.6	V
	9008	34411.29	68 1N	33 3E	85.9	197.3	1.332	25.90	45.3	S0409	.05410	8.4355	0.6	A
	9009	34537.49	59 29N	24 46E	78.0	192.7	1.637	-14.50	53.0	S0409	.07190	9.2684	1.0	F
	9010	34543.09	59 20N	24 46E	77.5	192.6	1.637	-14.90	53.0	S0409	.07190	9.3591	1.0	A
	9011	34552.29	59 27N	24 30E	76.1	192.5	1.637	-15.05	54.0	S0409	.07190	9.5075	0.8	F
	9012	34557.69	59 20N	24 29E	76.8	192.5	1.637	-14.70	54.0	S0409	.07190	9.5756	1.0	A
	9013	34571.29	57 0N	24 15E	74.8	191.9	2.033	-7.00	55.2	S0409	.07190	9.7714	0.6	F
	9014	34572.69	57 6N	24 13E	74.0	191.9	2.033	-7.00	55.3	S0409	.07190	9.7796	0.4	F
	9015	34579.29	56 53N	23 18E	73.9	191.7	1.810	-24.50	55.4	S0409	.07190	9.0292	0.4	F
	9016	34582.09	56 40N	23 18E	78.7	191.7	1.810	-24.15	55.4	S0409	.07190	9.3013	0.6	V
	9017	34590.89	56 49N	23 38E	75.9	191.5	2.033	-8.40	56.3	S0409	.07190	9.7379	0.8	F
	9018	34594.29	56 40N	23 37E	75.8	191.4	2.033	-8.05	56.3	S0409	.07190	9.6573	0.8	A
	9019	34603.09	54 50N	23 53E	74.6	191.2	2.033	8.05	57.2	S0409	.07190	9.7219	0.6	F
	9020	34608.49	54 50N	23 53E	74.6	191.1	2.033	8.75	57.2	S0409	.07190	9.7136	0.6	A
	9021	34614.09	54 34N	23 21E	73.2	191.0	2.033	-1.75	57.4	S0409	.07190	9.9115	0.6	A
	9022	34620.69	54 34N	23 57E	73.5	190.9	2.033	-8.40	57.7	S0409	.07190	9.8703	0.6	A
	9023	34644.09	52 14N	22 17E	73.3	190.5	2.033	-7.35	59.4	S0409	.07190	9.8766	1.0	F
	9024	34649.29	52 14N	22 16E	73.1	190.4	2.033	-7.00	59.4	S0409	.07190	9.9198	1.0	A
	9025	34654.49	51 17N	22 32E	74.4	190.3	2.385	9.10	60.3	S0409	.07190	9.7544	0.6	F
	9026	34661.89	51 10N	22 33E	74.5	190.2	2.170	10.15	60.3	S0409	.07190	9.7501	0.6	A
	9027	34671.49	50 20N	21 29E	73.9	190.1	2.170	-12.25	60.9	S0409	.07190	9.7874	0.4	F
	9028	34676.69	50 14N	21 28E	73.7	190.0	2.170	-11.90	60.8	S0409	.07190	9.8456	0.6	A
	9029	34681.69	50 0N	20 50E	77.5	189.9	2.170	-22.40	61.0	S0409	.07190	9.3673	0.8	A
	9030	34690.49	49 0N	20 19E	84.4	189.8	1.810	-32.55	61.6	S0409	.04090	8.5345	0.6	F
	9031	34696.69	48 40N	20 16E	92.9	189.7	1.810	-30.45	62.0	S0409	.04090	8.6994	0.6	F
	9032	34701.89	48 40N	20 32E	77.6	189.7	2.033	-23.10	62.0	S0409	.04090	9.3591	0.4	A
	9033	34713.69	47 26N	20 46E	72.7	189.5	2.385	-5.95	63.2	S0409	.07190	9.9610	0.4	F
	9034	34718.89	47 26N	20 46E	72.6	189.4	2.385	-5.25	63.2	S0409	.07190	9.9940	0.6	A
	9035	34726.49	47 2N	19 47E	82.4	189.4	2.170	-30.45	63.2	S0409	.05410	8.8513	0.4	A
	9036	34733.09	46 19N	20 7E	73.7	189.3	2.385	-15.75	63.9	S0409	.07190	9.9528	1.0	V
	9037	34747.29	45 5N	20 44E	76.4	189.1	2.385	15.75	65.3	S0409	.07190	9.5075	0.8	F
	9038	34754.49	44 57N	20 7E	72.5	189.0	2.385	-0.35	65.4	S0409	.07190	9.9940	0.4	F
	9039	34759.69	44 57N	20 7E	72.5	189.0	2.385	0.35	65.4	S0409	.07190	10.0025	0.4	A
	9040	34769.29	43 56N	21 3E	90.5	188.9	2.170	35.00	66.6	S0409	.03090	8.1304	0.6	V
	9041	34772.69	43 56N	21 3E	91.9	188.8	2.170	35.35	66.6	S0409	.03090	7.8749	0.4	A
	9042	34793.09	42 17N	20 2E	78.1	188.7	2.385	19.25	67.3	S0409	.05410	9.2684	0.6	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1003 9043	34799.49	41 24N	20 6E	82.9	188.6	2.385	27.30	68.0	S0409	.05410	8.7818	0.6	F
9044	34802.49	41 24N	20 6E	82.2	188.6	2.385	27.65	68.0	S0409	.05410	8.9303	0.6	V
9045	34815.69	40 21N	19 25E	76.1	188.4	2.733	15.05	68.5	S0409	.07190	9.5240	0.8	F
9046	34821.09	40 22N	19 26E	76.8	188.4	2.511	16.45	68.5	S0409	.07190	9.4250	0.8	A
9047	34985.29	29 10N	15 59E	76.0	187.3	3.090	-17.15	72.4	S0409	.04090	9.5487	1.2	A
9048	35381.69	1 35N	11 35E	85.3	186.4	3.090	9.45	60.0	S0409	.05410	8.5427	1.0	V
9049	35392.49	0 49N	11 34E	87.5	186.4	3.090	13.65	59.4	S0409	.05410	8.3201	1.0	V
1004 9001	40064.08	44 24N	1 15W	81.8	189.0	2.385	24.85	65.9	S0409	.05410	8.8890	1.0	F
9002	40069.88	44 24N	1 14W	82.4	189.0	2.170	25.90	65.9	S0409	.05410	8.7901	1.2	A
9003	40530.08	12 45N	8 3W	93.6	186.6	2.385	30.10	68.7	S0409	.03090	7.6439	0.8	A
1005 9001	46107.88	5 55S	35 10W	103.8	186.5	3.439	-35.00	52.9	S0409	.05410	7.0007	0.8	V
9002	46111.68	5 55S	35 10W	104.5	186.5	3.439	-34.30	52.9	S0409	.05410	6.8335	0.8	A
9003	46124.88	7 6S	34 57W	93.4	186.5	3.574	-21.35	52.1	S0409	.05410	7.7576	1.0	V
9004	46134.88	8 2S	34 53W	91.9	186.5	3.574	-19.00	51.4	S0409	.05410	7.8080	0.4	F
9005	46136.08	8 2S	34 53W	90.9	186.5	3.574	-18.65	51.4	S0409	.05410	7.9320	1.0	V
9006	46142.28	8 5S	34 54W	92.1	186.5	3.574	-18.30	51.3	S0409	.05410	7.7758	1.0	A
1006 9001	51346.08	1 27S	56 24W	99.2	186.4	3.211	-32.90	56.7	S0409	.05410	7.2069	0.8	F
9002	51357.28	1 52S	55 32W	86.8	186.4	3.439	-2.45	57.0	S0409	.05410	8.2376	1.2	A
9003	51388.28	4 42S	55 60W	86.9	186.4	3.439	-0.70	54.9	S0409	.05410	8.3513	1.0	V
9004	51392.28	4 56S	55 57W	88.4	186.4	3.439	1.75	54.9	S0409	.05410	8.0974	1.0	A
9005	51437.08	7 26S	57 36W	105.9	186.5	3.211	-35.70	51.5	S0409	.05410	6.8440	1.0	V
9006	51532.28	14 14S	58 30W	102.6	186.6	3.439	-26.25	45.6	S0409	.05410	6.9312	1.0	F
9007	51540.08	14 50S	57 55W	95.1	186.6	3.439	-3.50	45.4	S0409	.05410	7.5467	0.8	F
9008	51545.48	14 37S	57 59W	94.2	186.6	3.439	-4.55	45.3	S0409	.07190	7.6769	1.0	V
9009	51561.48	15 0S	58 20W	97.7	186.7	3.574	-15.05	45.0	S0409	.05410	7.3223	1.0	A
9010	51567.68	15 29S	58 36W	100.9	186.7	3.574	-21.35	44.5	S0409	.05410	7.0314	0.6	A
9011	51568.88	16 26S	58 24W	96.0	186.7	3.439	-9.80	43.9	S0409	.07190	7.5567	1.0	V
9012	51574.48	16 45S	57 45W	102.1	186.7	2.872	15.05	43.9	S0409	.05410	6.9595	1.0	A
9013	51890.68	38 42S	62 16W	118.4	188.2	2.511	10.50	23.2	S0409	.07190	5.9347	0.8	F
9014	51895.08	38 42S	62 16W	117.5	186.2	2.511	10.85	23.2	S0409	.07190	6.0854	1.0	V
9015	51899.48	38 42S	62 16W	119.5	188.2	2.511	11.20	23.2	S0409	.07190	5.8075	1.0	A
1007 9001	56304.27	22 24N	73 0W	78.9	186.9	3.090	14.35	72.7	S0409	.05410	9.1941	0.6	F
9002	56330.87	21 0N	73 40W	75.8	186.9	3.211	-0.70	72.0	S0409	.05410	9.5522	0.6	A
9003	56647.47	0 55S	78 37W	103.2	186.4	3.090	-38.85	57.1	S0409	.03090	7.0502	0.4	V
9004	56651.27	0 55S	78 36W	103.7	186.4	3.090	-38.15	57.1	S0409	.03090	6.9595	0.8	A
9005	56754.47	0 5S	79 1W	91.1	186.5	3.574	-9.45	51.4	S0409	.05410	7.8583	0.6	A
1009 9001	66763.07	32 54N	115 34W	73.1	187.6	2.872	-5.25	71.8	S0409	.05410	9.9033	0.6	F
9002	66763.27	32 52N	115 34W	73.1	187.6	3.090	-4.55	71.8	S0409	.05410	9.9115	0.6	A
1014 5001	6649.05	50 36N	137 6E	93.4	190.1	1.687	-40.95	60.2	S0255	.03150	7.8409	1.0	V
5002	6652.45	50 34N	137 4E	94.5	190.0	1.687	-40.95	60.3	S0255	.03150	7.7090	0.6	A
5003	6676.65	49 50N	136 22E	100.0	189.7	1.910	-44.80	61.5	S0255	.01710	7.2637	0.6	A
9001	7504.45	8 26S	126 24E	89.6	186.5	3.439	0.00	51.2	S0409	.05410	8.1057	0.6	V
9002	7507.65	8 26S	126 24E	90.9	186.5	3.439	0.70	51.2	S0409	.05410	7.8665	0.6	A
1015 9001	11745.65	61 49N	122 26E	79.4	193.8	1.810	17.85	51.1	S0409	.07190	9.1447	0.6	F
9002	11791.25	61 49N	122 25E	79.3	193.6	1.687	16.20	51.1	S0409	.07190	9.1202	0.6	A
9003	11927.45	52 22N	116 50E	73.9	190.5	2.170	-12.25	59.2	S0409	.05410	9.7379	1.4	F
9004	11932.65	52 22N	116 50E	73.6	190.5	2.170	-11.55	59.2	S0409	.05410	9.8536	1.6	A
9005	11947.65	51 0N	115 26E	87.1	190.2	1.687	-35.00	60.0	S0409	.04090	9.2780	0.8	F
9006	11950.85	51 0N	115 27E	85.7	190.2	1.687	-34.65	60.0	S0409	.05410	9.5510	0.8	V
9007	11960.85	50 24N	116 31E	72.4	190.0	2.385	-0.70	60.9	S0409	.07190	10.0187	0.8	A
9008	12107.45	40 2N	113 19E	72.3	188.4	2.733	-8.40	68.3	S0409	.07190	10.0187	0.4	F
9009	12111.65	39 40N	113 9E	72.9	188.4	2.733	-11.90	68.4	S0409	.05410	9.9363	0.8	F
9010	12116.85	39 45N	113 9E	72.7	188.3	2.733	-11.20	68.4	S0409	.05410	9.9458	0.8	A
9011	12123.25	39 20N	112 33E	79.9	188.3	2.511	-28.00	68.4	S0409	.05410	9.1117	0.4	A
9012	12127.25	39 42N	112 36E	76.5	188.2	2.511	-22.05	68.9	S0409	.07190	9.4580	0.6	F
9013	12132.45	38 52N	112 34E	75.4	188.2	2.511	-21.70	69.0	S0409	.07190	9.7136	0.6	V
9014	12138.85	37 55N	112 34E	74.5	188.1	2.733	-17.15	69.4	S0409	.07190	9.6972	0.4	F
9015	12143.05	37 57N	112 45E	72.3	188.1	2.733	-10.15	69.5	S0409	.07190	10.0852	0.4	A
9016	12148.05	37 25N	112 38E	71.9	188.1	2.733	-10.15	69.7	S0409	.05410	10.2002	0.4	U
9017	12161.65	36 25N	113 15E	78.0	188.0	2.733	21.00	70.8	S0409	.05410	9.4085	0.6	V
9018	12164.45	36 24N	113 14E	79.0	188.0	2.511	21.35	70.8	S0409	.05410	9.1612	1.2	A
9019	12173.85	35 17N	113 20E	87.8	187.9	2.511	31.15	71.6	S0409	.04090	8.3036	0.8	F
9020	12184.65	34 41N	112 20E	73.0	187.8	2.872	2.45	71.3	S0409	.05410	9.9445	0.8	F
9021	12189.85	34 41N	112 20E	73.1	187.8	2.872	3.15	71.3	S0409	.05410	9.9198	1.0	A
9022	12197.45	33 49N	111 57E	73.0	187.7	2.872	-5.25	71.5	S0409	.07190	9.9280	0.4	F
9023	12202.65	33 50N	111 57E	72.9	187.7	2.872	-4.20	71.5	S0409	.07190	9.9363	0.4	A
9024	12209.25	32 59N	112 1E	73.4	187.7	3.090	4.55	71.9	S0409	.07190	9.8868	0.4	F
9025	12218.05	32 26N	111 21E	74.9	187.6	2.872	-16.45	71.7	S0409	.07190	9.6477	0.4	F
9026	12227.25	31 53N	112 9E	78.1	187.6	2.733	19.25	72.6	S0409	.05410	9.3920	0.4	V
9027	12230.05	31 53N	112 9E	79.2	187.5	2.733	19.60	72.6	S0409	.05410	9.1199	0.4	A
9028	12236.85	31 4N	111 41E	74.6	187.5	3.090	7.70	72.6	S0409	.07190	9.7301	0.6	F
9029	12242.25	31 4N	111 41E	74.9	187.5	2.872	9.10	72.6	S0409	.07190	9.6642	0.6	A
9030	12246.05	30 40N	111 41E	75.6	187.5	2.872	11.20	72.7	S0409	.05410	9.5735	0.4	A

Handle via
BYEMAN Channels
BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1015 9031	12269.45	29 10N	111 41E	82.3	187.6	2.733	23.80	73.3	S0409	.0541U	8.7654	0.4	A
9032	12283.85	27 47N	111 16E	79.3	187.3	2.872	10.55	73.3	S0409	.0541U	9.1694	0.4	F
9033	12299.65	27 47N	111 16E	79.8	187.2	2.872	19.25	73.3	S0409	.0541U	9.0540	0.4	A
9034	12303.05	26 55N	109 51E	81.5	187.2	2.872	-27.65	72.3	S0409	.0541U	8.8396	0.8	F
9035	12308.85	26 56N	109 51E	81.0	187.2	3.090	-26.95	72.3	S0409	.0541U	8.9643	0.8	A
9036	12768.25	5 20S	105 15E	92.9	186.4	3.090	16.10	54.1	S0409	.0541U	7.8171	0.6	V
9037	12771.65	5 22S	105 14E	94.4	186.4	3.090	16.45	54.1	S0409	.0541U	7.5614	0.6	A
1016 5001	17189.25	56 9N	94 31E	99.7	191.4	1.475	-43.75	55.7	S0255	.0226U	7.3162	1.0	A
9001	17179.05	56 10N	96 32E	73.5	191.6	2.033	-3.15	56.0	S0409	.0541U	9.8568	0.4	F
9002	17245.45	51 44N	94 31E	73.5	190.4	2.170	-11.20	59.7	S0409	.0541U	9.8373	0.4	F
9003	17251.05	51 45N	94 24E	74.0	190.3	2.170	-13.65	59.7	S0409	.0719U	9.8043	0.6	A
1017 9001	22411.84	61 19N	76 50E	74.5	193.5	1.810	-4.20	51.5	S0409	.0719U	9.7136	0.4	F
9002	22413.24	61 18N	76 47E	74.5	193.4	1.810	-4.20	51.6	S0409	.0719U	9.7156	0.4	F
9003	22417.64	61 16N	76 56E	74.3	193.3	1.810	-1.05	51.5	S0409	.0719U	9.7549	1.0	A
9004	22419.24	61 9N	76 52E	74.3	193.3	1.810	-1.05	51.6	S0409	.0719U	9.7651	2.2	A
9005	22505.44	55 1N	73 26E	75.6	191.2	2.033	-16.10	56.9	S0409	.0719U	9.5692	1.6	F
9006	22510.84	55 1N	73 27E	75.2	191.1	2.033	-15.05	56.9	S0409	.0719U	9.6559	1.6	A
9007	22578.84	49 50N	72 47E	77.6	190.0	2.385	18.20	61.5	S0409	.0541U	9.3673	0.6	F
9008	22584.44	49 50N	72 48E	77.9	189.9	2.170	19.25	61.5	S0409	.0541U	9.3313	0.8	A
9009	22627.84	46 54N	71 53E	78.9	189.4	2.170	21.35	63.9	S0409	.0541U	9.1777	0.6	A
9010	22636.44	46 2N	72 27E	96.7	189.3	2.033	39.90	64.9	S0409	.0541U	7.5697	0.6	V
9011	22640.04	46 1N	72 27E	98.4	189.2	1.810	40.60	64.9	S0409	.0541U	7.3223	0.6	A
9012	22689.84	42 24N	69 30E	74.0	188.7	2.511	-15.05	66.7	S0409	.0541U	9.7714	1.0	F
9013	22695.24	42 24N	69 30E	73.8	188.6	2.511	-14.35	66.7	S0409	.0541U	9.8373	0.8	A
9014	22702.44	41 51N	69 36E	72.1	188.6	2.733	-3.85	67.4	S0409	.0541U	10.0435	0.8	F
9015	22707.44	41 51N	69 36E	72.1	188.5	2.733	-3.15	67.4	S0409	.0541U	10.0600	1.0	A
9016	22714.44	41 5N	69 20E	72.5	188.5	2.733	-2.05	67.7	S0409	.0719U	10.0105	0.4	A
9017	22724.64	40 48N	69 37E	73.9	188.4	2.733	9.10	68.4	S0409	.0541U	9.8043	0.4	A
9018	22731.64	39 31N	69 1E	70.5	188.3	2.733	-6.65	68.6	S0409	.0719U	10.2909	0.8	F
9019	22748.44	38 18N	69 13E	73.9	188.2	2.733	12.25	69.6	S0409	.0719U	9.8291	0.4	F
9020	22753.64	38 18N	69 14E	74.3	188.2	2.733	13.30	69.6	S0409	.0719U	9.7384	0.4	A
9021	22760.04	37 58N	68 53E	72.9	188.1	2.733	4.20	69.7	S0409	.0541U	9.9563	0.6	A
9022	22764.64	37 30N	68 40E	72.4	188.1	2.733	-1.05	69.8	S0409	.0541U	10.0023	0.6	A
9023	22834.84	32 40N	67 39E	73.2	187.5	2.872	2.45	72.0	S0409	.0719U	9.9053	0.6	A
1018 9001	27643.64	66 39N	57 10E	79.6	196.2	1.332	-21.70	46.5	S0409	.0541U	9.2324	0.6	V
9002	27648.64	66 29N	57 12E	79.3	196.0	1.332	-19.25	46.6	S0409	.0409U	9.1447	0.6	A
9003	27783.64	56 56N	53 11E	75.6	191.3	2.033	11.20	55.5	S0409	.0719U	9.5900	0.4	F
9004	27786.44	56 52N	53 11E	74.9	191.3	2.033	11.55	55.5	S0409	.0719U	9.6043	0.4	V
9005	27839.24	53 14N	50 19E	79.1	190.3	1.810	-24.15	58.4	S0409	.0719U	9.1282	0.6	F
9006	27844.84	53 15N	50 19E	78.6	190.7	2.033	-23.80	58.4	S0409	.0719U	9.2554	0.6	A
9007	27899.84	49 9N	49 31E	73.0	189.8	2.385	-8.05	61.9	S0409	.0719U	9.9198	0.6	F
9008	27905.04	49 9N	49 31E	72.8	189.7	2.385	-7.35	61.9	S0409	.0719U	9.9618	0.6	A
9009	27915.24	48 16N	48 27E	81.7	189.6	2.033	-30.45	62.3	S0409	.0541U	8.9633	0.4	V
9010	27918.24	48 16N	48 27E	82.4	189.6	2.033	-30.10	62.3	S0409	.0541U	8.8251	0.4	A
9011	27932.64	46 51N	48 20E	77.7	189.4	2.170	-23.10	63.4	S0409	.0719U	9.2449	1.6	F
9012	27938.04	46 52N	48 20E	77.4	189.3	2.385	-22.75	63.4	S0409	.0719U	9.3020	1.8	A
9013	27989.64	42 39N	47 40E	73.1	188.3	2.511	-10.15	66.4	S0409	.0967U	9.8951	0.6	F
9014	27994.84	42 54N	47 40E	73.0	188.7	2.511	-9.45	66.4	S0409	.0967U	9.9445	0.8	A
9015	28025.24	40 16N	48 11E	85.5	188.4	2.511	29.05	68.7	S0409	.0409U	8.5180	0.8	F
9016	28031.24	40 16N	48 11E	86.2	188.4	2.170	30.10	68.7	S0409	.0309U	8.3943	1.0	A
9017	28041.24	39 58N	47 53E	83.2	188.3	2.385	26.60	69.1	S0409	.0541U	8.6311	0.6	A
9018	28061.84	38 9N	46 15E	73.6	188.1	2.733	-17.85	69.2	S0409	.0719U	9.9610	1.4	V
9019	28070.24	37 45N	46 8E	73.9	188.1	2.733	-15.75	69.7	S0409	.0719U	9.7961	1.0	F
9020	28079.04	37 24N	46 15E	72.7	188.0	2.733	-11.20	69.7	S0409	.0719U	9.9858	0.6	A
9021	28086.24	36 14N	46 16E	72.6	188.0	2.872	-1.05	70.5	S0409	.0719U	9.9858	0.4	F
9022	28091.44	36 10N	46 16E	72.6	187.9	2.872	-0.35	70.5	S0409	.0719U	9.9775	0.4	A
9023	28102.84	35 8N	45 41E	73.8	187.9	2.872	-13.30	70.8	S0409	.0719U	9.7961	0.8	F
9024	28108.04	35 8N	45 42E	73.6	187.8	2.872	-12.25	70.8	S0409	.0719U	9.8538	0.8	A
9025	28132.64	33 59N	45 7E	77.6	187.7	2.733	-24.15	71.0	S0409	.0541U	9.4498	1.4	V
9026	28133.04	33 49N	44 30E	89.0	187.7	2.385	-37.80	70.9	S0409	.0309U	8.2294	1.0	V
9027	28136.44	33 40N	44 30E	89.7	187.6	2.385	-37.45	70.9	S0409	.0309U	8.1057	0.8	A
9028	28150.24	32 9N	45 48E	77.9	187.6	2.733	17.15	72.5	S0409	.0409U	9.2601	1.0	A
9029	28368.64	16 50N	42 34E	78.3	186.7	3.211	9.80	70.6	S0409	.0409U	9.3426	0.8	V
9030	28480.04	9 29N	40 60E	80.0	186.3	3.439	-1.05	65.8	S0409	.0541U	9.0127	0.6	A
9031	28516.64	7 3N	39 59E	86.4	186.3	3.439	-25.20	63.6	S0409	.0541U	8.3613	1.0	A
9032	28541.64	5 19N	39 43E	87.1	186.4	3.574	-23.80	62.3	S0409	.0541U	8.2788	1.0	A
9033	28591.84	1 46N	40 6E	89.7	186.4	3.090	16.45	60.2	S0409	.0541U	7.9737	0.8	A
9034	28647.44	5 3S	39 7E	96.5	186.4	2.872	21.70	54.5	S0409	.0719U	7.5367	0.4	V
9035	28691.04	5 9S	39 7E	98.2	186.4	2.872	22.05	54.5	S0409	.0719U	7.2728	0.4	A
9036	28713.44	6 22S	39 5E	105.8	186.5	2.511	30.10	53.1	S0409	.0541U	6.8688	1.2	V
9037	28717.24	6 31S	39 5E	107.7	186.5	2.511	30.45	53.1	S0409	.0541U	6.6131	1.4	A
1019 9001	32923.04	66 5N	39 31E	86.7	197.3	1.332	28.35	45.3	S0409	.0719U	8.4520	0.6	V
9002	32926.24	66 5N	39 32E	88.0	197.4	1.332	28.70	45.3	S0409	.0719U	8.2294	0.4	A
9003	32959.64	65 50N	34 42E	78.6	195.8	1.332	-19.95	47.1	S0409	.0719U	9.3178	0.4	V
9004	32962.44	66 0N	34 43E	79.2	195.7	1.332	-19.60	47.1	S0409	.0719U	9.1529	0.4	A
9005	32972.04	64 57N	34 18E	77.1	195.3	1.475	-14.70	48.1	S0409	.0541U	9.3591	0.8	F
9006	32977.64	64 57N	34 18E	76.9	195.4	1.475	-14.35	48.1	S0409	.0541U	9.4250	0.8	A
9007	33006.84	62 41N	33 46E	75.1	194.1	1.810	5.25	50.4	S0409	.0541U	9.6394	1.0	F
9008	33014.44	61 50N	34 10E	80.6	193.8	1.810	20.30	51.1	S0409	.0409U	9.0127	0.8	F

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1019 9009	33020.04	61 55N	34 11E	80.7	193.6	1.687	21.00	51.1	S0409	.04090	8.9633	1.0	A
9010	33033.64	61 3N	32 56E	74.9	193.2	1.810	5.95	51.8	S0409	.07190	9.6807	0.4	A
9011	33052.84	59 49N	30 11E	89.5	192.7	1.332	-36.40	52.6	S0409	.05410	8.1716	0.8	V
9012	33056.04	59 49N	30 11E	90.1	192.6	1.332	-36.05	52.6	S0409	.05410	8.0480	1.0	A
9013	33066.24	58 44N	31 17E	73.8	192.4	2.033	-2.80	54.0	S0409	.07190	9.6043	0.4	F
9014	33071.64	58 39N	31 16E	73.7	192.3	2.033	-2.45	54.0	S0409	.07190	9.6456	0.4	A
9015	33145.24	53 10N	29 14E	73.4	190.8	2.170	3.85	58.7	S0409	.07190	9.8868	1.4	F
9016	33150.64	53 10N	29 14E	73.4	190.7	2.170	4.55	58.7	S0409	.07190	9.8786	1.2	A
9017	33160.64	52 3N	29 7E	75.0	190.5	2.170	11.55	59.6	S0409	.07190	9.6724	0.4	F
9018	33166.04	52 3N	29 7E	75.2	190.4	2.170	12.25	59.7	S0409	.07190	9.6394	0.4	A
9019	33174.24	51 21N	28 48E	73.8	190.3	2.170	10.85	60.2	S0409	.07190	9.9445	0.6	V
9020	33177.44	51 0N	28 42E	73.6	190.2	2.170	10.15	60.4	S0409	.07190	9.9775	0.4	V
9021	33180.24	51 0N	28 42E	74.5	190.2	2.170	10.50	60.4	S0409	.07190	9.7301	0.4	A
9022	33192.64	50 50N	28 39E	74.6	190.2	2.170	10.85	60.6	S0409	.07190	9.7136	0.6	A
9023	33186.84	50 17N	28 30E	76.7	190.1	2.385	16.10	61.2	S0409	.07190	9.4663	0.8	F
9024	33196.04	49 47N	27 17E	75.5	190.0	2.170	-18.20	61.2	S0409	.07190	9.5652	1.0	F
9025	33201.44	49 47N	27 17E	75.3	189.9	2.170	-17.85	61.2	S0409	.07190	9.6594	1.0	A
9026	33206.84	49 3N	26 57E	76.6	189.8	2.170	-21.00	61.8	S0409	.07190	9.4250	0.6	F
9027	33208.84	48 59N	26 55E	76.6	189.8	2.170	-21.00	61.9	S0409	.07190	9.4250	0.8	F
9028	33214.44	48 55N	26 55E	76.2	189.7	2.170	-20.30	61.9	S0409	.07190	9.5240	0.6	A
9029	33236.04	47 6N	27 39E	76.6	189.4	2.385	16.55	63.7	S0409	.07190	9.5765	0.4	V
9030	33242.44	46 55N	26 55E	72.5	189.4	2.511	1.05	64.0	S0409	.07190	9.9940	0.8	F
9031	33247.64	46 55N	26 55E	72.5	189.3	2.511	1.75	64.0	S0409	.07190	9.9940	0.8	A
9032	33251.44	46 13N	26 50E	72.5	189.3	2.511	1.40	64.1	S0409	.07190	10.0023	1.0	A
9033	33264.84	45 1N	26 26E	72.5	189.1	2.511	0.00	65.1	S0409	.07190	10.0023	0.6	F
9034	33270.04	45 1N	26 26E	72.5	189.0	2.511	0.70	65.1	S0409	.07190	10.0105	0.6	A
9035	33277.64	44 51N	26 8E	72.4	189.0	2.511	-4.90	65.4	S0409	.07190	10.0187	1.0	A
9036	33290.24	43 21N	25 1E	82.1	188.8	2.179	-30.10	65.8	S0409	.04090	8.7818	0.8	F
9037	33296.04	43 42N	25 1E	81.6	188.8	2.385	-29.75	65.8	S0409	.04090	8.9055	0.8	A
9038	33302.64	42 39N	25 23E	72.7	188.7	2.511	-13.30	66.6	S0409	.07190	10.0930	0.6	V
9039	33308.44	42 0N	25 36E	72.4	188.7	2.733	-0.35	67.2	S0409	.04090	10.0105	0.8	F
9040	33314.04	42 0N	25 36E	72.4	188.6	2.733	0.35	67.2	S0409	.04090	10.0105	0.8	A
9041	33371.04	37 59N	23 56E	76.5	188.1	2.511	-22.75	69.2	S0409	.04090	8.5817	1.0	V
9042	33402.84	35 24N	24 2E	72.9	187.9	2.872	0.70	70.8	S0409	.07190	9.9445	0.6	F
9043	33408.04	35 3N	24 2E	73.0	187.9	2.872	1.40	70.9	S0409	.07190	9.9280	0.8	A
9044	33447.84	33 20N	23 2E	74.0	187.6	2.872	-11.55	71.8	S0409	.07190	9.7796	0.6	F
9045	33457.44	31 50N	23 55E	82.8	187.6	2.511	26.25	72.7	S0409	.04090	8.8643	0.6	V
9046	33460.44	31 50N	23 55E	84.1	187.5	2.511	26.60	72.8	S0409	.03090	6.5922	0.6	A
9047	33529.04	27 10N	21 37E	79.3	187.2	3.090	-23.80	72.4	S0409	.04090	9.1529	0.8	A
9048	33466.04	4 20N	18 31E	88.2	186.4	3.090	18.90	62.4	S0409	.05410	8.2541	1.0	V
9049	33861.84	4 3N	16 8E	83.0	186.4	3.439	6.30	61.9	S0409	.05410	8.7736	1.0	V
9050	33991.64	4 30S	16 28E	88.0	186.4	3.439	-0.35	54.5	S0409	.05410	8.1387	1.0	A
9051	34051.64	9 10S	15 42E	90.7	186.3	3.439	-0.70	50.5	S0409	.05410	7.9243	1.0	F
9052	34060.84	9 15S	14 60E	97.6	186.3	3.574	-24.50	50.1	S0409	.05410	7.3635	0.8	A
9053	34084.44	11 43S	15 6E	92.3	186.3	3.439	-0.05	48.4	S0409	.05410	7.7676	1.0	F
9054	34178.64	17 24S	14 13E	97.9	186.7	3.439	0.00	43.1	S0409	.05410	7.2728	0.4	A
1020 9001	38462.44	54 29N	6 50E	73.1	190.7	2.170	-7.00	58.3	S0409	.09670	9.9198	0.6	A
9002	38463.04	52 42N	6 43E	72.9	190.6	2.170	0.35	59.3	S0409	.07190	9.9363	0.6	F
9003	38468.24	52 42N	6 43E	72.9	190.5	2.170	1.05	59.3	S0409	.07190	9.9528	0.6	A
9004	38484.24	50 51N	6 40E	76.0	190.2	2.385	14.35	60.7	S0409	.07190	9.5487	0.6	F
9005	38489.64	50 42N	6 41E	76.3	190.1	2.170	15.40	60.7	S0409	.07190	9.4992	0.8	A
9006	38523.24	49 41N	4 55E	74.3	189.7	2.385	-15.40	62.1	S0409	.07190	9.7661	1.0	A
9007	38533.04	47 37N	4 53E	72.6	189.5	2.385	-7.00	63.1	S0409	.07190	9.9775	1.0	F
9008	38538.24	47 37N	4 53E	72.4	189.5	2.385	-6.30	63.1	S0409	.07190	10.0187	1.0	A
9009	38712.43	35 34N	2 54E	89.9	187.9	2.170	33.60	71.5	S0409	.03090	6.0397	1.0	A
9010	38750.23	32 50N	0 32E	80.0	187.6	2.733	-28.70	71.3	S0409	.05410	9.1612	1.0	V
9011	39006.83	15 2N	2 54W	86.2	186.6	3.090	-28.70	68.7	S0409	.03090	8.3448	0.8	F
1022 9001	49859.23	1 26S	48 29W	101.4	186.4	2.511	29.05	57.8	S0409	.05410	7.0337	0.6	A
9002	49902.43	4 22S	49 42W	88.5	186.4	3.439	3.50	54.8	S0409	.05410	8.0992	0.8	A
9003	49927.63	6 3S	49 60W	89.3	186.5	3.439	3.50	53.3	S0409	.05410	8.0067	1.0	A
9004	50008.43	11 32S	51 32W	95.7	186.6	3.574	-17.85	48.1	S0409	.05410	7.4790	1.0	A
9005	50043.23	14 25S	51 48W	96.0	186.6	3.439	-9.80	45.6	S0409	.05410	7.5367	1.0	F
9006	50053.23	14 49S	52 17W	99.7	186.6	3.439	-23.10	45.1	S0409	.05410	7.2363	1.0	V
9007	50058.03	14 54S	52 15W	99.8	186.6	3.439	-20.65	45.0	S0409	.05410	7.1739	1.0	A
9008	50063.83	15 21S	52 1W	96.2	186.7	3.574	-10.50	44.8	S0404	.05410	7.4213	0.8	A
9009	50114.23	19 16S	52 43W	98.8	186.8	3.439	-10.50	41.2	S0409	.07190	7.2316	1.0	F
9010	50119.83	19 35S	52 53W	99.9	186.8	3.439	-13.30	40.8	S0409	.07190	7.1491	0.8	F
9011	50125.63	20 2S	52 54W	99.7	186.8	3.439	-11.55	40.4	S0409	.07190	7.1656	1.0	F
9012	50132.03	20 27S	53 15W	103.3	186.8	3.439	-19.95	39.9	S0409	.05410	6.9018	1.0	F
9013	50144.83	20 55S	52 23W	103.4	186.9	2.872	11.90	40.0	S0409	.05410	6.8605	1.0	A
9014	50152.03	21 55S	52 35W	102.9	186.9	3.090	10.15	39.0	S0409	.05410	6.9512	1.0	F
9015	50157.43	22 10S	52 56W	100.8	186.9	3.211	1.40	38.6	S0409	.07190	7.0914	1.0	F
9016	50160.83	22 29S	52 55W	101.0	186.9	3.211	1.75	38.4	S0409	.07190	7.0749	1.2	F
9017	50166.63	22 36S	52 48W	102.7	186.9	3.090	7.00	38.5	S0409	.05410	6.9100	1.0	A
9018	50170.23	22 36S	52 50W	103.1	187.0	3.090	7.70	38.3	S0409	.05410	6.8770	0.8	A
9019	50179.83	23 46S	53 18W	101.6	187.0	3.211	-1.40	37.1	S0409	.07190	7.0254	1.0	F
9020	50189.23	24 11S	53 2W	103.8	187.0	2.872	10.15	36.9	S0409	.07190	6.9430	1.0	V
9021	50194.43	24 19S	53 12W	103.8	187.0	3.090	5.60	36.7	S0409	.07190	6.8275	1.0	A
1023 9001	54155.23	67 3N	50 41W	79.3	196.8	1.475	16.80	46.2	S0409	.07190	9.1282	1.0	F
9002	54949.83	10 5N	69 20W	79.5	186.5	3.439	1.05	66.5	S0409	.05410	9.0869	0.6	F
9003	54995.63	10 3N	69 21W	79.9	186.5	3.439	1.40	66.3	S0409	.05410	9.0210	0.6	A
1024 5001	60230.22	14 39N	91 54W	104.6	186.5	2.872	-44.80	66.2	S0255	.02260	6.9257	0.8	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1024 9001	59777.42	45 30N	84 44W	78.9	189.2	2.170	-27.65	64.1	S0409	.07190	9.2849	0.8	V
9002	59814.02	43 7N	83 36W	85.6	158.8	2.170	31.15	66.9	S0409	.05410	8.5737	3.0	V
9003	59859.62	39 59N	86 5W	77.2	188.4	2.511	-23.10	68.1	S0409	.05410	9.3591	3.8	F
9004	59867.22	39 50N	86 7W	76.8	188.3	2.511	-22.40	68.2	S0409	.07190	9.4498	3.6	A
9005	60192.22	16 57N	89 51W	81.3	186.7	3.090	15.75	70.7	S0409	.05410	8.9303	1.0	F
9006	60239.82	13 57N	91 6W	78.4	186.6	3.439	-13.30	68.5	S0409	.07190	9.3343	0.4	V
9007	60242.62	13 57N	91 6W	79.3	186.6	3.439	-12.95	68.5	S0409	.07190	9.1117	0.4	A
1025 5001	65311.22	29 30N	109 8W	85.5	187.4	2.733	28.00	73.3	S0255	.02260	8.5087	0.8	F
5002	65315.82	29 30N	109 1W	89.0	187.4	2.511	31.50	73.4	S0255	.02260	8.1295	1.0	A
5003	65323.42	29 5N	109 12W	86.9	187.3	2.511	29.40	73.4	S0255	.02260	8.3191	1.0	A
5004	65328.62	28 40N	109 36W	90.4	187.3	2.733	20.65	73.3	S0255	.03150	9.0364	1.0	F
5005	65339.42	27 42N	110 29W	74.0	187.2	3.211	-9.45	72.7	S0255	.03150	9.7867	0.8	F
9001	65207.22	36 40N	108 13W	71.9	188.0	2.872	2.45	70.3	S0409	.05410	10.0847	0.6	F
9002	65212.42	36 40N	108 13W	72.0	188.0	2.872	3.50	70.3	S0409	.05410	10.0600	0.6	A
1029 9001	668.01	5 06S	155 5E	88.8	186.5	3.574	-3.85	53.3	S0409	.05410	8.0727	0.6	A
1031 9001	10415.00	53 09N	123 55E	73.1	190.9	2.170	-4.55	57.9	S0409	.07190	9.9280	0.4	A
9002	10576.20	42 06N	120 39E	72.7	188.7	2.733	3.85	66.6	S0409	.07190	9.9693	0.6	A
9003	10589.00	41 41N	120 22E	72.9	188.6	2.733	5.25	67.4	S0409	.05410	9.9445	1.0	F
9004	10592.40	41 36N	120 22E	72.2	188.6	2.733	5.95	67.5	S0409	.05410	10.1672	0.6	V
9005	10597.60	41 0N	119 55E	72.1	188.5	2.733	-5.60	67.7	S0409	.07190	10.0435	0.4	F
9006	10603.20	41 0N	119 6E	71.8	188.5	2.733	-1.75	67.7	S0409	.07190	10.1095	0.6	A
9007	10607.20	40 49N	119 5AE	71.7	188.5	2.733	0.00	67.9	S0409	.07190	10.1395	0.4	A
9008	10613.80	40 0N	119 44E	72.3	188.4	2.733	-1.75	68.4	S0409	.05410	10.0270	0.8	F
9009	10619.00	40 0N	119 44E	72.3	188.3	2.733	-1.05	68.4	S0409	.05410	10.0278	0.8	A
9010	10693.80	34 29N	114 30E	72.9	187.8	2.872	1.40	71.3	S0409	.05410	9.9528	0.8	F
9011	10699.80	34 27N	114 25E	72.7	187.8	2.872	-0.70	71.3	S0409	.05410	9.9693	0.6	A
9012	10706.00	34 1N	114 20E	72.8	187.7	2.872	-0.35	71.4	S0409	.07190	9.9528	0.6	A
9013	10712.20	33 57N	114 1E	73.3	187.7	2.872	-9.45	71.4	S0409	.07190	9.8951	0.6	A
9014	10723.60	33 49N	114 2E	72.8	187.8	3.090	-1.75	71.9	S0409	.07190	9.9610	0.6	A
9015	11166.40	2 23N	111 51E	87.9	186.4	3.574	-21.00	60.0	S0409	.05410	8.1964	1.0	A
9016	11295.20	6 06S	110 26E	90.8	186.5	3.574	-13.65	52.3	S0409	.07190	7.8995	0.4	F
9017	11296.20	7 0S	110 26E	90.7	186.5	3.574	-13.65	52.2	S0409	.07190	7.9078	1.0	F
9018	11301.40	6 06S	110 26E	90.9	186.5	3.574	-12.60	52.3	S0409	.07190	7.8913	0.4	A
9019	11302.80	7 0S	110 26E	90.8	186.5	3.574	-12.60	52.2	S0409	.07190	7.8995	1.0	A
9020	11310.60	7 06S	110 22E	89.6	186.5	3.439	-10.15	51.6	S0409	.05410	8.1057	0.6	V
9021	11314.00	7 07S	110 22E	90.7	186.5	3.439	-9.45	51.6	S0409	.05410	7.8995	0.6	A
1033 9001	20838.20	66 07N	86 12E	76.5	196.4	1.332	-10.50	46.6	S0409	.05410	9.4498	0.8	F
9002	20843.80	66 07N	86 10E	76.2	196.1	1.332	-9.80	46.6	S0409	.05410	9.5157	0.8	A
9003	20944.00	59 06N	81 00E	74.9	192.7	1.810	-11.20	52.7	S0409	.05410	9.6889	0.4	A
9004	20961.40	58 42N	82 53E	82.2	192.3	1.810	25.55	54.3	S0409	.05410	8.9220	0.4	V
9005	20964.40	58 42N	82 54E	83.4	192.2	1.810	24.30	54.3	S0409	.05410	8.6829	0.4	A
9006	21040.40	53 1N	78 39E	78.1	190.7	1.810	-22.75	58.6	S0409	.05410	9.2436	1.2	F
9007	21046.00	53 1N	78 39E	77.7	190.6	2.033	-22.40	58.6	S0409	.05410	9.3508	1.2	A
9008	21047.20	49 47N	78 4E	72.8	190.0	2.385	-9.10	61.3	S0409	.07190	9.9445	0.8	F
9009	21092.40	49 47N	78 4E	72.6	189.9	2.385	-8.40	61.3	S0409	.07190	10.0023	0.6	A
9010	21179.40	43 26N	76 54E	75.4	188.9	2.511	15.05	66.4	S0409	.05410	9.6229	0.6	F
9011	21184.80	43 26N	76 54E	75.8	188.8	2.511	15.75	66.4	S0409	.05410	9.5570	0.6	A
9012	21392.20	33 41N	73 16E	81.3	187.7	2.511	-29.05	71.0	S0409	.04090	8.8543	0.8	F
9013	21394.00	33 41N	73 15E	80.9	187.7	2.733	-28.70	71.0	S0409	.04090	8.9880	1.0	A
9014	21341.40	32 18N	73 42E	72.9	187.6	3.090	-2.80	72.0	S0409	.05410	9.9280	0.4	F
9015	21346.60	32 18N	73 41E	73.0	187.6	3.090	-2.10	72.0	S0409	.05410	9.9280	0.4	A
9016	21363.80	30 40N	73 21E	73.2	187.5	3.090	-3.15	72.4	S0409	.05410	9.8951	0.8	F
9017	21369.00	30 40N	73 21E	73.2	187.4	3.090	-2.45	72.4	S0409	.05410	9.8951	0.8	A
9018	21419.60	26 06N	71 56E	81.6	187.2	2.733	-27.65	72.3	S0409	.05410	8.8313	0.8	F
9019	21425.40	26 06N	71 56E	80.9	187.2	2.872	-26.60	72.3	S0409	.05410	8.9633	1.0	A
1034 5001	26273.39	58 11N	60 57E	87.4	192.2	1.810	30.45	54.5	S0255	.03150	8.3109	0.6	A
9001	26266.99	58 13N	60 43E	82.3	192.3	2.033	24.85	54.5	S0409	.05410	8.7654	0.4	F
9002	26318.19	54 50N	58 39E	75.9	191.2	2.170	14.00	57.3	S0409	.07190	9.5735	1.4	F
9003	26323.59	54 50N	58 39E	76.1	191.1	2.170	14.70	57.3	S0409	.07190	9.5322	1.4	A
9004	26353.99	52 40N	55 47E	88.5	190.5	1.687	-37.10	58.6	S0409	.05410	8.2788	0.6	V
9005	26357.19	52 40N	55 47E	89.5	190.5	1.687	-37.10	58.6	S0409	.05410	8.1222	0.6	A
9006	26374.19	51 47N	56 42E	72.5	190.3	2.170	-2.80	60.0	S0409	.07190	10.0023	0.6	A
9007	26388.39	50 2N	56 58E	77.4	190.0	2.385	17.85	61.4	S0409	.07190	9.3338	0.8	F
9008	26393.99	50 2N	56 58E	77.7	190.0	2.170	18.90	61.4	S0409	.07190	9.3178	0.8	A
9009	26581.19	36 46N	53 31E	85.6	188.0	2.511	29.05	70.8	S0409	.03090	8.5180	0.6	F
9010	26587.39	36 46N	53 31E	86.1	188.0	2.385	29.75	70.8	S0409	.03090	8.3778	0.8	A
9011	26602.59	35 54N	51 19E	86.5	187.9	2.385	-36.75	70.0	S0409	.03090	8.4603	1.0	V
9012	26608.59	35 29N	51 32E	80.4	187.8	2.733	-24.70	70.3	S0409	.05410	9.0292	0.4	A
9013	26623.99	34 0N	51 29E	76.1	187.7	2.733	-20.65	71.1	S0409	.05410	9.4392	0.6	F
9014	26645.79	32 30N	51 42E	71.4	187.6	2.872	-0.35	71.9	S0409	.07190	10.2661	0.6	V
9015	26651.59	32 27N	51 24E	72.8	187.6	3.090	-10.85	71.8	S0409	.07190	9.9610	0.6	A
9016	26683.39	29 50N	50 26E	80.7	187.4	2.733	-26.95	72.0	S0409	.05410	8.9468	1.0	F
9017	26689.19	29 50N	50 26E	80.2	187.4	2.872	-26.25	72.1	S0409	.05410	9.0457	1.0	A
9018	26697.59	28 54N	50 51E	73.7	187.3	3.090	-8.15	72.7	S0409	.04090	9.8373	0.6	F
9019	26702.79	28 54N	50 51E	73.7	187.3	3.090	-2.10	72.7	S0409	.07190	9.8208	0.6	A
9020	26730.39	26 39N	50 10E	75.2	187.2	3.090	-12.60	72.6	S0409	.07190	9.6229	0.4	F

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BYEMAN Channels
BYE-8915/84

Approved for Release: 2021/01/22 C05132886

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4354 COMMAND INFORMATION

REV	FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1034	9021	26735.59	26 47N	50 10E	74.7	187.2	3.090	-9.80	72.7	S0409	.07190	9.6807	0.8	F
	9022	26740.79	26 46N	50 10E	74.6	187.1	3.211	-8.75	72.7	S0409	.07190	9.7054	1.0	A
	9023	26915.19	14 20N	47 34E	83.0	186.6	3.439	-23.45	68.4	S0409	.05410	8.7241	1.0	A
	9024	26967.39	10 40N	47 23E	78.7	186.5	3.439	-3.85	66.5	S0409	.05410	9.1612	0.6	A
	9025	27013.59	7 48N	47 2E	82.5	186.5	3.439	6.65	64.2	S0409	.05410	8.7654	0.8	F
	9026	27019.59	7 3N	47 2E	83.1	186.5	3.211	8.05	64.2	S0409	.05410	8.6499	0.8	A
	9027	27042.19	5 32N	46 24E	82.4	186.4	3.574	-8.05	62.8	S0409	.05410	8.7406	0.6	A
	9028	27050.79	4 42N	46 38E	83.0	186.4	3.211	7.35	62.4	S0409	.05410	8.7901	1.0	V
1035	5001	31481.79	64 37N	39 50E	80.6	195.1	1.332	-23.10	48.4	S0255	.04150	8.9622	0.8	F
	5002	31487.59	64 37N	39 50E	80.3	194.9	1.475	-22.75	48.4	S0255	.04150	9.0447	0.8	A
	5003	31595.99	56 46N	37 7E	74.3	191.3	2.033	7.70	55.6	S0255	.03150	9.7455	0.6	F
	5004	31601.19	56 47N	37 8E	74.5	191.7	2.033	8.40	55.6	S0255	.03150	9.7290	0.6	A
	5005	31608.39	55 49N	37 34E	84.2	191.5	2.033	27.30	56.5	S0255	.03150	8.6324	0.8	F
	9001	31452.99	66 47N	42 32E	75.3	196.3	1.475	-3.15	46.4	S0409	.07190	9.6229	0.4	A
	9002	31487.19	64 36N	39 51E	80.2	194.9	1.475	-22.75	48.4	S0409	.07190	9.0457	0.6	A
	9003	31504.99	63 30N	41 45E	88.3	194.3	1.687	31.50	50.2	S0409	.07190	8.3036	1.6	V
	9004	31508.39	63 34N	41 45E	89.8	194.1	1.475	32.20	50.2	S0409	.05410	8.0644	0.8	A
	9005	31560.19	59 8N	38 38E	77.6	192.5	2.033	16.10	53.6	S0409	.07190	9.3508	1.0	F
	9006	31565.79	59 8N	38 39E	77.8	192.5	1.810	17.15	53.6	S0409	.07190	9.3096	1.0	A
	9007	31582.79	57 40N	36 40E	75.2	192.1	1.810	-14.35	54.6	S0409	.07190	9.6064	0.8	F
	9008	31588.19	57 40N	36 40E	74.9	192.0	1.810	-13.65	54.6	S0409	.07190	9.6307	0.6	A
	9009	31595.79	56 47N	37 8E	74.4	191.8	2.033	7.70	55.6	S0409	.07190	9.7466	1.2	F
	9010	31601.19	56 47N	37 8E	74.4	191.7	2.033	8.40	55.6	S0409	.07190	9.7401	1.0	A
	9011	31614.59	55 50N	36 39E	74.7	191.4	2.170	9.80	56.7	S0409	.07190	9.7156	0.4	F
	9012	31617.19	55 49N	36 38E	74.6	191.4	2.170	9.45	56.9	S0409	.07190	9.7219	0.6	F
	9013	31622.59	55 49N	36 38E	74.6	191.2	2.033	10.15	56.9	S0409	.07190	9.7054	0.6	A
	9014	31632.19	54 52N	35 47E	72.0	191.1	2.033	-2.10	57.5	S0409	.07190	10.1457	0.6	V
	9015	31637.59	53 56N	35 48E	73.3	191.0	2.170	3.85	58.0	S0409	.07190	9.8588	0.8	F
	9016	31642.79	53 56N	35 47E	73.2	190.9	2.170	4.20	58.0	S0409	.07190	9.8951	0.6	A
	9017	31650.19	53 40N	34 57E	73.6	190.7	2.033	-10.85	58.5	S0409	.07190	9.0291	0.6	F
	9018	31655.39	53 40N	34 58E	73.4	190.7	2.170	-10.15	58.6	S0409	.07190	9.0468	0.6	A
	9019	31669.39	51 50N	34 4E	77.5	190.4	2.033	-22.40	59.5	S0409	.07190	9.3178	1.0	F
	9020	31680.19	51 4N	34 43E	73.0	190.3	2.385	3.85	60.4	S0409	.07190	9.9240	0.4	F
	9021	31685.39	51 4N	34 44E	73.0	190.2	2.170	4.90	60.4	S0409	.07190	9.9260	0.4	A
	9022	31689.99	50 59N	34 29E	71.9	190.1	2.170	2.45	60.8	S0409	.07190	10.2494	0.8	V
	9023	31697.39	49 59N	33 39E	74.8	190.0	2.170	-16.45	61.1	S0409	.07190	9.6559	0.8	F
	9024	31702.59	49 59N	33 40E	74.5	189.9	2.170	-15.75	61.1	S0409	.07190	9.7384	1.0	A
	9025	31710.59	49 3N	33 24E	73.9	189.8	2.170	-13.65	61.9	S0409	.07190	9.7796	0.6	F
	9026	31715.99	49 3N	33 27E	73.7	189.7	2.385	-13.30	61.9	S0409	.07190	9.8436	0.6	A
	9027	31726.39	47 59N	33 33E	72.4	189.6	2.385	-0.35	62.9	S0409	.07190	10.0105	1.0	F
	9028	31731.59	47 59N	33 33E	72.4	189.5	2.385	0.35	62.9	S0409	.07190	10.0187	1.0	A
	9029	31745.59	46 49N	32 36E	75.1	189.4	2.385	-17.85	63.6	S0409	.07190	9.6312	0.8	F
	9030	31750.99	46 49N	32 36E	74.8	189.3	2.385	-17.15	63.6	S0409	.07190	9.7156	0.4	A
	9031	31765.59	45 7N	33 36E	83.0	189.1	2.335	26.60	65.3	S0409	.05410	8.7650	1.0	F
	9032	31771.39	45 7N	33 36E	83.6	189.1	2.170	27.65	65.3	S0409	.05410	8.6582	1.0	A
	9033	31776.39	44 59N	33 26E	82.1	189.0	2.170	26.95	65.7	S0409	.05410	8.9468	0.4	V
	9034	31779.19	44 59N	33 26E	83.3	189.0	2.170	27.30	65.7	S0409	.05410	8.6311	0.8	A
	9035	31968.19	31 40N	29 57E	82.1	187.5	2.733	23.80	72.8	S0409	.04090	8.8561	0.8	F
	9036	31972.19	31 40N	29 49E	78.7	187.5	2.733	19.95	72.8	S0409	.04090	9.3178	1.0	V
	9037	31975.59	31 0N	29 48E	79.8	187.5	2.733	20.30	72.8	S0409	.04090	9.0457	0.4	A
	9038	32046.79	17 30S	19 47E	100.4	186.7	3.439	-20.30	42.3	S0409	.05410	7.1986	1.0	V
1036	9001	36939.79	54 40N	13 41E	73.1	191.0	2.170	1.40	57.8	S0409	.07190	9.9190	0.6	F
	9002	36945.19	54 39N	13 41E	73.0	190.9	2.170	2.10	57.8	S0409	.07190	9.9260	0.4	A
	9003	36954.19	53 44N	13 19E	72.8	190.8	2.170	1.05	58.6	S0409	.07190	9.9445	0.4	F
	9004	36959.39	53 44N	13 18E	72.9	190.7	2.170	1.75	58.6	S0409	.07190	9.9328	0.2	A
	9005	36965.39	53 44N	13 35E	75.9	190.6	2.170	14.35	59.1	S0409	.07190	9.5487	1.0	A
	9006	36970.19	53 4N	13 7E	73.9	190.5	2.170	8.05	59.6	S0409	.07190	9.8208	0.4	F
	9007	36978.79	51 20N	13 51E	88.3	190.4	2.033	32.20	60.5	S0409	.05410	8.2376	1.0	F
	9008	36985.19	51 20N	13 51E	89.1	190.3	1.810	33.25	60.5	S0409	.05410	8.1304	1.0	A
	9009	36991.79	50 56N	13 3E	77.3	190.2	2.033	14.20	60.7	S0409	.07190	9.3673	0.6	A
	9010	36996.19	50 56N	12 51E	77.4	190.1	2.385	18.20	61.2	S0409	.07190	9.3858	0.8	F
	9011	36997.59	50 9N	12 49E	77.2	190.1	2.385	14.20	61.3	S0409	.07190	9.4085	0.6	F
	9012	37001.79	50 10N	12 51E	77.8	190.0	2.170	19.25	61.2	S0409	.07190	9.3178	0.6	A
	9013	37003.19	50 9N	12 49E	77.6	190.0	2.170	19.25	61.3	S0409	.07190	9.3426	0.6	A
	9014	37007.99	49 54N	12 40E	77.1	189.9	2.170	18.20	61.6	S0409	.07190	9.4003	0.4	A
	9015	37011.59	49 53N	12 38E	77.6	189.9	2.170	19.60	61.8	S0409	.07190	9.3543	0.4	A
	9016	37027.99	49 10N	10 53E	75.9	189.7	2.170	-20.30	62.4	S0409	.07190	9.5157	1.0	F
	9017	37033.59	49 10N	10 52E	75.6	189.6	2.335	-19.95	62.4	S0409	.07190	9.6084	0.8	A
	9018	37184.79	37 30N	8 56E	73.9	188.1	2.733	11.55	70.0	S0409	.07190	9.9178	0.6	V
	9019	37191.99	36 50N	9 27E	72.6	188.0	2.872	-1.05	70.1	S0409	.07190	9.9940	0.4	F
	9020	37199.99	36 39N	9 12E	54.0	188.0	2.385	27.65	70.8	S0409	.05410	8.5839	0.6	A
1038	9001	48437.18	6 30S	44 5W	93.2	186.3	3.574	-6.65	52.7	S0409	.05410	8.0315	0.6	A
	9002	48636.98	20 42S	46 39W	93.1	186.3	3.439	-7.70	39.9	S0409	.07190	7.2151	1.0	F
	9003	48644.38	20 50S	46 50W	100.5	186.9	3.439	-16.10	39.5	S0409	.07190	7.1921	0.8	V
	9004	48648.38	21 27S	47 2W	101.6	186.9	3.439	-15.05	39.1	S0409	.07190	7.0172	1.0	F
	9005	48657.38	21 26S	46 34W	99.8	186.9	3.090	2.80	38.9	S0409	.07190	7.2316	0.6	V
	9006	48661.18	21 25S	46 35W	101.3	186.9	3.090	3.15	38.9	S0409	.07190	7.0090	0.4	A
	9007	48677.38	23 29S	46 48W	102.0	187.0	3.090	4.55	37.4	S0409	.07190	7.0090	0.8	F
	9008	48681.78	23 33S	46 44W	101.9	187.0	3.090	7.35	37.4	S0409	.07190	7.0749	0.4	V
	9009	48685.58	23 35S	46 43W	103.9	187.0	2.872	8.75	37.4	S0409	.05410	6.8358	0.4	A
1039	9001	53488.38	10 41N	63 15W	79.8	186.5	3.439	-9.80	66.4	S0409	.07190	7.0292	0.6	A

Handle via BYEMAN Channels BYE-8915/84

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4354 COMMAND INFORMATION

REV	FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1039	9002	53506.58	9 0N	63 45W	84.0	186.5	3.439	-19.25	65.1	S0409	.05410	8.6746	0.8	F
	9003	53519.18	8 9N	63 31W	80.3	186.5	3.439	-3.15	64.8	S0409	.05410	8.9880	0.6	F
	9004	53524.78	8 10N	63 32W	80.5	186.5	3.439	-3.15	64.8	S0409	.05410	8.9385	1.0	A
	9005	53533.58	7 51N	63 16W	84.1	186.5	3.090	12.95	64.6	S0409	.05410	8.5345	0.8	A
	9006	53543.58	6 51N	63 33W	82.2	186.5	3.439	5.95	64.0	S0409	.05410	8.7406	0.8	A
	9007	53790.38	9 57S	67 23W	100.4	186.5	3.574	-27.65	49.4	S0409	.05410	7.1409	1.0	A
	9008	53799.38	11 4S	67 31W	99.8	186.5	3.439	-26.25	48.4	S0409	.05410	7.1656	1.0	F
	9009	53814.58	11 46S	66 15W	103.2	186.5	2.733	23.10	48.5	S0409	.05410	6.8833	1.0	A
	9010	53829.78	12 46S	66 30W	102.3	186.6	2.733	21.00	47.5	S0409	.05410	6.9512	1.0	A
	9011	53835.58	13 12S	66 21W	108.4	186.6	2.511	27.30	47.3	S0409	.05410	6.5554	1.0	A
	9012	54119.78	32 52S	71 16W	109.5	187.6	3.090	-8.05	28.4	S0409	.07190	6.4895	0.6	F
	9013	54126.38	33 20S	70 55W	109.6	187.7	2.872	4.55	28.1	S0409	.07190	6.4977	0.6	F
	9014	54130.38	33 26S	70 55W	108.7	187.7	2.872	4.90	28.1	S0409	.07190	6.6049	0.6	V
	9015	54138.18	33 36S	71 38W	111.8	187.7	3.090	-12.25	27.6	S0409	.07190	6.3328	0.8	A
1040	9001	58523.58	28 28N	80 34W	99.2	187.3	2.385	39.20	73.8	S0255	.02260	7.3462	0.8	F
	9002	58527.18	28 28N	80 34W	99.0	187.3	2.170	39.90	73.8	S0255	.02260	7.4286	0.6	V
	9003	58530.78	28 28N	80 34W	100.8	187.3	2.170	40.25	73.8	S0255	.02260	7.1730	0.6	A
	9001	58310.18	43 14N	77 32W	80.8	188.8	2.511	24.15	66.7	S0409	.05410	9.0127	2.8	F
	9002	58523.58	28 28N	80 34W	99.3	187.3	2.385	39.20	73.8	S0409	.05410	7.3470	0.6	F
	9003	58527.18	28 28N	80 34W	98.9	187.3	2.170	39.90	73.8	S0409	.05410	7.4295	0.6	V
	9004	58530.78	28 28N	80 34W	100.8	187.3	2.170	40.25	73.8	S0409	.04090	7.1739	0.6	A
	9005	58605.58	23 1N	82 58W	74.9	187.0	3.211	-5.60	72.4	S0409	.07190	9.6724	0.8	F
	9006	58608.78	22 59N	82 59W	74.1	187.0	3.211	-5.60	72.4	S0409	.07190	9.8858	0.6	V
	9007	58611.78	22 58N	82 59W	75.0	187.0	3.211	-5.25	72.4	S0409	.07190	9.6477	0.4	A
	9008	58621.78	21 51N	82 47W	77.8	186.9	3.211	11.55	72.5	S0409	.07190	9.3343	0.6	F
	9009	58630.38	21 39N	82 57W	76.4	186.9	3.211	7.00	72.3	S0409	.07190	9.4333	0.6	A
	9010	58686.58	17 26N	83 56W	76.6	186.7	3.439	-2.10	70.5	S0409	.05410	9.4498	0.6	F
	9011	58739.78	13 56N	84 24W	78.0	186.6	3.211	5.60	68.8	S0409	.07190	9.3338	1.0	V
1041	9001	63688.97	38 0N	101 45W	71.8	188.2	2.872	-0.70	69.6	S0409	.05410	10.1095	0.6	F
	9002	63693.97	38 1N	101 45W	71.8	188.1	2.872	0.00	69.6	S0409	.05410	10.1012	0.8	A
1046	9001	3345.76	70 40N	162 23E	78.0	199.6	0.986	-12.60	42.7	S0409	.05410	9.3838	0.4	V
	9002	3348.56	70 40N	162 24E	78.7	199.4	0.986	-12.25	42.7	S0409	.05410	9.2024	0.4	A
	9003	3714.16	45 56N	149 26E	73.0	189.2	2.511	-9.80	64.5	S0409	.05410	9.9115	0.4	F
	9004	3719.36	45 56N	149 26E	72.8	189.1	2.511	-8.75	64.5	S0409	.05410	9.9775	0.4	A
1047	9001	8942.55	51 15N	128 40E	76.9	190.3	2.033	-20.65	60.0	S0409	.07190	9.6920	0.4	F
	9002	8945.35	51 15N	128 40E	75.8	190.2	2.033	-20.30	60.0	S0409	.07190	9.6542	0.8	V
	9003	8956.96	50 8N	129 33E	76.5	190.1	2.385	15.40	61.3	S0409	.05410	9.4910	0.6	F
	9004	8962.55	50 8N	129 33E	76.7	190.0	2.170	16.45	61.3	S0409	.05410	9.4415	0.4	A
	9005	9022.55	45 48N	126 42E	81.2	189.2	2.033	-28.70	64.1	S0409	.05410	8.8890	0.6	F
	9006	9028.15	45 49N	126 43E	80.5	189.2	2.170	-28.00	64.1	S0409	.05410	9.8210	0.8	A
	9007	9032.95	45 48N	126 40E	79.8	189.1	2.385	-27.30	64.4	S0409	.05410	9.1034	0.6	A
	9008	9049.15	43 57N	126 32E	75.7	188.9	2.385	-19.60	65.6	S0409	.05410	9.5405	0.4	F
	9009	9051.95	43 57N	126 32E	74.7	188.9	2.385	-19.25	65.6	S0409	.05410	9.8208	0.4	V
	9010	9055.55	43 56N	126 33E	74.9	188.9	2.385	-17.50	65.6	S0409	.07190	9.6972	0.4	A
	9011	9070.55	43 26N	126 35E	72.1	188.7	2.733	-4.55	66.8	S0409	.07190	10.0517	0.4	F
	9012	9075.55	43 27N	126 36E	72.0	188.7	2.733	-3.50	66.8	S0409	.07190	10.0765	0.4	A
	9013	9083.35	41 54N	126 15E	72.3	188.6	2.733	-8.40	67.3	S0409	.07190	10.0105	1.6	F
	9014	9088.55	41 54N	126 14E	72.2	188.5	2.733	-6.05	67.3	S0409	.07190	10.0435	1.6	A
	9015	9097.35	40 59N	125 26E	79.9	188.5	2.385	-27.30	67.6	S0409	.05410	9.0292	0.6	F
	9016	9103.15	40 59N	125 28E	78.9	188.4	2.511	-25.90	67.6	S0409	.05410	9.2024	0.4	A
	9017	9108.75	39 50N	125 45E	73.0	188.4	2.733	-10.50	68.4	S0409	.05410	9.9115	0.6	F
	9018	9114.15	39 49N	125 45E	72.9	188.3	2.733	-9.80	68.4	S0409	.05410	9.9610	0.6	A
1048	9001	14241.35	51 53N	107 54E	74.8	190.5	2.385	11.20	59.8	S0409	.07190	9.6972	0.8	F
	9002	14246.75	51 53N	107 54E	75.0	190.4	2.170	12.25	59.8	S0409	.07190	9.6642	0.8	A
	9003	14257.15	51 19N	106 29E	77.4	190.2	2.170	-22.40	60.0	S0409	.07190	9.4003	0.4	A
	9004	14264.35	50 26N	106 24E	75.1	190.1	2.170	-17.50	60.7	S0409	.07190	9.6394	0.6	F
	9005	14269.75	50 26N	106 24E	74.7	190.0	2.170	-16.80	60.7	S0409	.07190	9.7219	0.4	A
	9006	14349.35	43 53N	104 26E	73.3	188.3	2.511	-15.05	65.9	S0409	.05410	9.9033	0.6	A
	9007	14446.95	37 53N	102 38E	79.8	188.1	2.385	-28.35	69.1	S0409	.05410	9.0457	0.4	F
	9008	14463.55	37 56N	102 52E	73.5	188.1	2.733	-18.55	69.5	S0409	.07190	9.9858	0.8	U
1049	9001	19519.75	53 56N	85 40E	76.1	191.0	2.170	13.65	58.1	S0409	.07190	9.5405	1.0	F
	9002	19525.15	53 56N	85 40E	76.2	190.9	2.033	14.35	58.1	S0409	.07190	9.5075	1.0	A
	9003	19542.35	53 55N	85 3E	75.2	190.6	2.033	-15.75	59.0	S0409	.07190	9.6228	1.4	F
	9004	19547.75	53 55N	85 4E	74.7	190.5	2.033	-14.70	59.0	S0409	.07190	9.7136	1.4	A
	9005	19638.75	48 59N	82 26E	82.7	189.2	2.033	-31.15	63.9	S0409	.05410	8.7324	1.2	F
	9006	19647.55	48 42N	83 3E	72.0	189.1	2.511	-10.15	64.4	S0409	.05410	10.0847	1.0	A
1050	9001	24715.15	61 44N	67 5E	76.0	193.5	1.687	-12.60	51.1	S0409	.07190	9.5075	0.4	F
	9002	24717.95	61 44N	67 5E	75.0	193.5	1.687	-12.25	51.1	S0409	.07190	9.7714	0.4	V
	9003	24720.75	61 43N	67 4E	75.8	193.5	1.687	-12.25	51.1	S0409	.07190	9.5736	0.4	A
	9004	24771.75	57 43N	65 42E	74.0	192.1	2.033	1.75	54.7	S0409	.07190	9.7879	0.6	F
	9005	24778.95	57 43N	65 42E	74.0	192.0	2.033	2.45	54.7	S0409	.07190	9.8043	0.8	A
	9006	24784.55	56 56N	65 51E	76.9	191.9	2.033	14.35	55.5	S0409	.07190	9.4303	0.6	F
	9007	24789.95	56 56N	65 52E	77.1	191.7	2.033	15.05	55.5	S0409	.07190	9.4003	0.6	A

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1050 9008	24805.55	55 29N	65 20E	78.0	191.4	2.170	17.15	56.8	S0409	.07190	9.5178	1.0	F
9009	24811.15	55 29N	65 19E	78.0	191.3	2.033	17.50	56.8	S0409	.07190	9.2849	1.0	A
9010	24840.35	53 10N	63 34E	73.2	190.8	2.170	-5.25	58.5	S0409	.07190	9.8951	0.6	F
9011	24845.55	53 14N	63 34E	73.0	190.7	2.170	-4.55	58.5	S0409	.07190	9.9280	0.6	A
9012	24856.15	52 26N	64 4E	77.5	190.5	2.170	17.50	59.4	S0409	.07190	9.3508	0.6	A
9013	24933.15	46 52N	61 36E	72.6	189.4	2.511	-0.35	63.7	S0409	.05410	9.9940	0.6	F
9014	24939.35	46 52N	61 36E	72.5	189.3	2.511	0.35	63.7	S0409	.05410	9.9940	0.6	A
9015	25064.95	37 50N	58 18E	85.1	186.1	2.385	-31.50	69.0	S0409	.05410	8.6911	1.0	F
9016	25072.55	37 19N	58 56E	71.6	188.1	2.872	-5.25	69.8	S0409	.07190	10.1259	1.2	F
9017	25077.75	37 19N	58 55E	71.5	188.0	2.872	-4.55	69.9	S0409	.07190	10.1424	1.2	A
9018	25084.15	36 49N	59 37E	82.8	188.0	2.511	27.65	70.9	S0409	.05410	8.8726	0.6	V
9019	25091.15	36 19N	59 37E	84.0	187.9	2.511	28.00	70.9	S0409	.05410	8.6047	0.6	A
9020	25219.95	27 42N	56 17E	78.9	187.2	2.872	-22.75	72.4	S0409	.07190	9.1612	0.4	F
9021	25223.55	26 57N	56 19E	77.4	187.2	2.872	-19.60	72.4	S0409	.07190	9.3343	1.2	F
9022	25248.15	25 39N	55 57E	79.2	187.1	3.090	-23.10	72.3	S0409	.05410	9.1612	1.0	A
9023	25338.15	19 20N	55 55E	85.6	186.8	2.733	24.15	71.9	S0409	.05410	8.4108	1.0	A
9024	25795.95	12 10S	49 17E	95.4	186.6	3.439	-17.85	47.5	S0409	.07190	7.5944	0.6	V
9025	25799.55	12 10S	49 18E	96.5	186.6	3.439	-17.15	47.5	S0409	.07190	7.4235	0.6	A
9026	25894.15	18 53S	47 32E	111.1	186.3	3.211	-32.20	41.1	S0409	.05410	6.4977	0.6	V
9027	25898.35	18 54S	47 32E	112.1	186.3	3.439	-31.85	41.1	S0409	.05410	6.3305	0.4	A
1051 5001	30107.34	56 10N	43 35E	78.4	191.3	2.033	18.20	56.1	S0255	.03150	9.2508	0.4	A
5002	30120.34	55 26N	42 19E	73.4	191.3	2.033	-4.90	56.6	S0255	.03150	9.8456	0.4	A
9001	30071.54	58 24N	43 49E	73.9	192.3	2.033	-0.35	54.1	S0409	.07190	9.7961	0.6	F
9002	30077.34	58 21N	43 53E	73.9	192.2	2.033	2.10	54.2	S0409	.07190	9.8043	0.6	A
9003	30095.74	56 44N	43 13E	74.0	191.8	2.033	3.85	55.6	S0409	.09670	9.7961	0.8	F
9004	30101.14	56 44N	43 13E	73.9	191.7	2.033	4.20	55.6	S0409	.09670	9.8043	0.8	A
9005	30114.94	55 26N	42 20E	73.5	191.4	2.033	-5.25	56.6	S0409	.07190	9.8558	0.8	F
9006	30120.14	55 29N	42 19E	73.4	191.3	2.033	-4.90	56.6	S0409	.07190	9.8368	1.0	A
9007	30144.14	53 26N	41 46E	73.1	190.9	2.170	0.35	58.4	S0409	.07190	9.9115	0.8	F
9008	30149.34	53 26N	41 45E	73.1	190.7	2.170	1.05	58.4	S0409	.07190	9.9198	0.8	A
9009	30156.94	52 44N	41 27E	73.0	190.6	2.170	-0.35	59.0	S0409	.07190	9.9198	0.4	F
9010	30160.14	52 44N	41 27E	73.0	190.6	2.170	0.35	59.0	S0409	.07190	9.9363	0.9	A
9011	30172.34	51 40N	39 15E	97.8	190.4	1.332	-42.70	59.4	S0409	.05410	7.3718	0.6	F
9012	30175.94	51 40N	39 16E	96.0	190.3	1.332	-42.35	59.4	S0409	.05410	7.6274	0.6	V
9013	30179.34	51 40N	39 16E	96.6	190.3	1.687	-42.35	59.4	S0409	.05410	7.5285	0.6	A
9014	30209.74	48 59N	40 18E	73.1	189.8	2.385	4.20	62.1	S0409	.07190	9.9198	0.6	F
9015	30214.94	48 59N	40 19E	73.1	189.7	2.385	4.90	62.1	S0409	.07190	9.9115	0.6	A
9016	30219.14	48 14N	40 11E	73.7	189.7	2.385	7.35	62.6	S0409	.07190	9.8456	0.8	F
9017	30224.34	48 20N	40 11E	73.7	189.6	2.385	8.05	62.6	S0409	.07190	9.8291	0.6	A
9018	30236.54	47 14N	38 53E	77.4	189.5	2.170	-22.40	63.1	S0409	.07190	9.3343	0.8	F
9019	30241.94	47 14N	38 53E	77.0	189.4	2.385	-22.05	63.1	S0409	.07190	9.4533	0.4	A
9020	30253.54	46 5N	38 15E	82.6	189.3	2.033	-30.45	63.9	S0409	.05410	8.7324	0.6	F
9021	30256.54	46 5N	38 15E	81.3	189.2	2.033	-30.10	63.9	S0409	.05410	9.0127	0.6	V
9022	30265.94	45 10N	38 47E	72.7	189.1	2.511	-7.00	64.9	S0409	.07190	9.9610	0.6	F
9023	30271.14	45 10N	38 47E	72.5	189.1	2.511	-6.30	64.9	S0409	.07190	10.0023	0.6	A
9024	30406.14	35 50N	35 45E	81.0	187.9	2.511	-28.35	70.2	S0409	.05410	8.9055	0.6	F
9025	30409.14	35 50N	35 45E	79.8	187.9	2.511	-28.00	70.2	S0409	.05410	9.1777	0.6	V
9026	30419.74	34 57N	36 1E	73.8	187.8	2.872	-11.90	71.0	S0409	.04090	9.8043	0.8	F
9027	30424.94	34 57N	36 1E	73.5	187.8	2.872	-10.85	71.0	S0409	.04090	9.8621	0.6	A
9028	30434.94	33 51N	36 14E	73.5	187.7	2.872	6.30	71.7	S0409	.04090	9.8703	0.8	F
9029	30439.94	33 12N	35 58E	72.4	187.7	2.872	-1.75	71.7	S0409	.07190	10.0105	0.4	F
9030	30445.14	33 12N	35 58E	72.4	187.6	2.872	-0.70	71.7	S0409	.07190	10.0105	0.4	A
9031	30457.54	32 5N	34 55E	83.2	187.6	2.511	-30.80	71.4	S0409	.04090	8.6582	0.6	F
9032	30460.54	32 5N	34 54E	82.0	187.6	2.511	-30.45	71.4	S0409	.04090	8.9220	0.6	V
9033	30462.14	31 50N	34 53E	82.0	187.5	2.511	-30.45	71.5	S0409	.04090	8.9220	0.6	V
9034	30465.14	31 50N	34 52E	83.1	187.5	2.733	-30.80	71.5	S0409	.04090	8.7406	0.6	A
9035	30471.94	31 1N	35 9E	74.7	187.5	2.872	-15.05	72.1	S0409	.07190	9.6724	0.6	F
9036	30477.34	31 1N	35 9E	74.6	187.5	3.090	-14.70	72.1	S0409	.07190	9.7219	0.6	A
9037	30487.14	29 50N	34 50E	74.6	187.4	2.872	-14.00	72.3	S0409	.04090	9.6889	0.6	F
9038	30492.94	29 34N	34 57E	74.3	187.4	3.090	-11.20	72.4	S0409	.07190	9.7466	0.8	F
9039	30498.14	29 35N	34 58E	74.1	187.4	3.090	-10.15	72.4	S0409	.07190	9.7796	1.0	A
9040	30515.94	27 50N	34 24E	77.3	187.3	2.872	-14.95	72.4	S0409	.04090	9.3426	0.6	F
9041	30521.54	27 50N	34 24E	77.1	187.2	3.090	-14.60	72.4	S0409	.04090	9.4168	0.6	A
9042	30691.54	15 51N	32 31E	77.1	186.7	3.439	-2.80	69.7	S0409	.04090	9.3920	0.8	F
9043	30696.94	15 51N	32 32E	77.3	186.7	3.439	-1.75	69.7	S0409	.04090	9.3426	1.0	A
9044	30934.14	0 31S	30 36E	104.2	186.4	2.385	32.55	56.6	S0409	.05410	6.8523	1.0	A
9045	30948.54	1 40S	29 15E	85.0	186.4	3.574	-11.20	56.9	S0409	.05410	8.5592	1.0	V
9046	30954.94	2 10S	28 50E	90.9	186.4	3.574	-23.45	56.1	S0409	.05410	7.8913	1.0	F
9047	30960.34	2 20S	28 55E	87.8	186.4	3.574	-18.55	56.1	S0409	.05410	8.2871	1.0	V
9048	30997.34	4 31S	29 40E	100.5	186.4	2.733	25.90	54.7	S0409	.05410	7.0852	1.0	A
9049	31147.14	15 2S	27 12E	95.4	186.6	3.439	1.05	45.2	S0409	.05410	7.4790	1.0	A
9050	31190.94	17 54S	25 51E	105.9	186.8	3.574	-25.55	42.2	S0409	.05410	6.7451	0.6	A
1052 9001	35026.74	80 30N	58 4E	81.9	224.5	0.629	12.60	32.0	S0409	.05410	8.9303	0.6	V
9002	35029.74	80 30N	58 4E	82.7	225.6	0.417	12.95	32.0	S0409	.05410	8.7406	0.6	A
9003	35209.94	69 26N	31 1E	85.0	198.8	1.332	24.15	44.0	S0409	.05410	8.5262	0.6	F
9004	35212.94	69 26N	31 2E	84.2	198.6	1.332	24.50	44.0	S0409	.05410	8.7076	0.6	V
9005	35392.94	57 23N	21 31E	74.6	192.0	2.033	6.65	55.1	S0409	.07190	9.7219	0.6	F
9006	35398.14	57 24N	21 32E	74.6	191.9	2.033	7.35	55.1	S0409	.07190	9.7146	0.8	A
9007	35430.94	54 49N	20 25E	74.2	191.2	2.170	7.00	57.3	S0409	.07190	9.7714	1.0	F
9008	35436.34	54 48N	20 25E	74.3	191.1	2.033	7.70	57.3	S0409	.07190	9.7549	0.8	A
9009	35441.14	54 29N	20 20E	74.5	191.0	2.033	9.10	57.6	S0409	.07190	9.7219	0.4	A
9010	35447.54	53 49N	20 29E	77.6	190.9	2.033	19.25	58.3	S0409	.07190	9.4498	0.6	V
9011	35454.34	53 50N	19 58E	74.2	190.8	2.170	8.75	58.4	S0409	.07190	9.7631	0.4	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1052 9012	35443.14	52 41N	19 6E	73.1	190.6	2.170	-6.30	59.0	S0409	.07190	9.8951	0.6	F
9013	35448.34	52 41N	19 6E	73.0	190.5	2.170	-5.60	59.0	S0409	.07190	9.9363	0.6	A
9014	35477.34	51 46N	18 7E	78.7	190.4	2.033	-24.15	59.6	S0409	.07190	9.1777	0.6	F
9015	35482.94	51 46N	18 6E	78.4	190.3	2.033	-23.80	59.6	S0409	.07190	9.2684	0.6	A
9016	35492.74	50 42N	17 54E	76.8	190.2	2.033	-20.65	60.5	S0409	.07190	9.4168	0.6	F
9017	35496.74	50 41N	17 54E	75.5	190.1	2.033	-19.95	60.5	S0409	.07190	9.7136	0.6	V
9018	35502.54	50 42N	18 8E	73.3	190.0	2.385	-10.50	60.8	S0409	.07190	9.9033	0.4	A
9019	35508.34	49 39N	17 25E	78.5	189.9	2.170	-24.50	61.3	S0409	.07190	9.1859	0.8	F
9020	35513.94	49 39N	17 25E	78.1	189.9	2.170	-23.80	61.3	S0409	.07190	9.3013	1.0	A
9021	35523.94	48 42N	17 41E	72.7	189.7	2.385	-6.65	62.3	S0409	.07190	9.9610	0.6	F
9022	35529.14	48 42N	17 41E	72.6	189.7	2.385	-5.95	62.3	S0409	.07190	10.0023	0.8	A
9023	35544.34	47 3N	17 44E	73.8	189.5	2.511	8.75	64.6	S0409	.07190	9.8456	0.4	F
9024	35547.14	47 4N	17 44E	73.0	189.4	2.511	9.10	63.6	S0409	.07190	10.0500	0.4	V
9025	35606.14	42 40N	16 50E	78.3	188.8	2.511	19.60	66.9	S0409	.07190	9.2931	0.8	F
9026	35611.74	42 40N	16 49E	78.6	188.7	2.385	20.30	66.9	S0409	.07190	9.2024	0.8	A
9027	35752.34	32 52N	13 27E	74.5	187.6	2.872	-14.35	71.6	S0409	.07190	9.7054	0.6	F
9028	35757.54	32 52N	13 28E	74.3	187.6	2.872	-13.30	71.6	S0409	.07190	9.7641	0.6	A
9029	35768.54	31 49N	14 14E	81.2	187.6	2.733	24.15	72.7	S0409	.05410	9.0210	1.6	V
9030	35844.54	26 34N	13 11E	83.5	187.2	2.733	25.90	73.5	S0409	.04090	8.7654	0.4	V
9031	35847.54	26 33N	13 11E	85.0	187.2	2.511	26.60	73.5	S0409	.03090	8.4952	0.4	A
9032	36122.34	7 45N	8 38E	82.9	186.5	3.574	-16.10	64.2	S0409	.05410	8.6994	1.0	A
1053 9001	41051.34	33 21N	8 20W	73.0	187.7	2.872	-5.95	71.6	S0409	.07190	9.9178	0.6	F
9002	41056.94	33 10N	8 37W	73.8	187.7	2.872	-15.05	71.4	S0409	.07190	9.9280	0.6	V
1054 9001	46921.53	5 10S	37 22W	88.8	186.4	3.439	2.45	54.0	S0409	.05410	8.0644	0.8	A
9002	47028.93	12 46S	38 29W	94.6	186.6	3.211	9.10	47.4	S0409	.07190	7.6604	0.6	V
9003	47032.53	12 45S	38 30W	96.1	186.6	3.211	9.45	47.4	S0409	.07190	7.4213	0.6	A
9004	47165.33	21 40S	41 18W	110.4	186.9	3.439	-27.30	38.6	S0409	.05410	6.4730	1.0	A
1055 9001	52250.93	7 14S	60 21W	92.3	186.5	3.574	-18.20	51.9	S0409	.05410	7.7676	1.0	F
9002	52335.13	12 39S	60 5W	106.0	186.6	2.511	25.55	47.7	S0409	.05410	6.7121	1.4	A
9003	52343.53	13 10S	60 15W	104.8	186.6	2.733	23.45	47.2	S0409	.05410	6.7963	0.8	A
9004	52350.53	13 41S	60 37W	98.9	186.6	3.090	14.35	46.6	S0409	.05410	7.1996	1.0	A
9005	52364.93	15 10S	60 58W	96.9	186.6	3.090	10.85	45.2	S0409	.05410	7.4707	1.0	V
9006	52377.13	15 33S	61 36W	95.4	186.7	3.439	-7.00	44.3	S0409	.07190	7.5037	0.6	F
9007	52385.93	15 36S	62 7W	101.6	186.7	3.574	-22.75	44.0	S0409	.05410	7.0919	0.8	A
9008	52394.93	16 39S	62 10W	100.9	186.7	3.574	-20.65	43.5	S0409	.05410	7.0914	1.2	A
1056 9001	57080.33	25 30N	76 41W	78.9	187.1	3.090	-22.40	72.3	S0409	.05410	9.1777	0.6	F
9002	57090.53	24 55N	76 10W	74.1	187.1	3.090	3.50	72.8	S0409	.07190	9.8951	0.8	V
9003	57094.93	24 49N	76 18W	74.6	187.1	3.090	-0.35	72.7	S0409	.07190	9.7054	0.8	A
9004	57137.13	21 44N	77 12W	76.5	186.9	3.211	-13.30	71.8	S0409	.07190	9.4580	0.6	F
9005	57142.33	21 39N	77 14W	76.8	186.9	3.211	-14.00	71.8	S0409	.07190	9.4415	0.6	A
9006	57154.33	20 20N	77 5W	75.9	186.8	3.211	1.75	71.7	S0409	.07190	9.5487	1.4	F
9007	57159.73	20 21N	77 7W	75.9	186.8	3.211	0.70	71.7	S0409	.07190	9.5240	0.6	A
9008	57183.93	19 42N	77 54W	79.1	186.8	3.211	-18.20	70.6	S0409	.05410	9.3673	1.0	V
9009	57187.53	18 29N	77 56W	79.2	186.7	3.439	-18.55	70.6	S0409	.05410	9.1529	0.6	A
9010	57195.53	17 53N	77 36W	76.7	186.7	3.211	0.00	70.7	S0409	.07190	9.4250	0.6	A
9011	57491.33	2 30S	80 22W	102.0	186.4	2.511	29.05	56.8	S0409	.05410	7.0098	0.8	A
9012	57498.93	3 30S	80 27W	104.9	186.4	2.733	30.80	55.9	S0409	.05410	6.9018	0.6	F
9013	57506.93	3 30S	80 28W	105.3	186.4	2.385	31.15	55.9	S0409	.05410	6.7698	0.6	A
1057 5001	62156.32	41 13N	95 54W	88.1	188.5	2.033	-36.75	67.0	S0255	.02260	8.1872	2.4	F
5002	62162.72	41 12N	95 54W	87.5	188.5	2.385	-36.40	67.1	S0255	.02260	8.3356	2.2	A
9001	62156.32	41 13N	95 54W	88.2	188.5	2.033	-36.75	67.0	S0409	.04090	8.1881	2.2	F
9002	62162.53	41 13N	95 54W	87.4	188.5	2.385	-36.40	67.0	S0409	.04090	8.3366	2.4	A
9003	62279.32	32 55N	96 46W	72.1	187.6	2.872	-2.80	71.8	S0409	.07190	10.1337	3.0	V
9004	62375.73	25 55N	97 29W	84.1	187.1	2.872	24.85	73.4	S0409	.05410	8.6684	0.6	F
9005	62378.72	25 55N	97 29W	83.5	187.1	2.872	25.20	73.4	S0409	.05410	8.8066	0.6	V
9006	62380.32	25 49N	97 31W	83.5	187.1	2.872	25.20	73.4	S0409	.05410	8.7901	1.0	V
1058 5001	67504.52	38 2N	117 45W	71.7	188.2	2.872	-5.95	69.4	S0255	.03150	10.0918	0.8	F
5002	67509.72	38 2N	117 46W	71.8	188.1	2.872	-5.25	69.5	S0255	.03150	10.1083	0.6	A
9001	67504.52	38 1N	117 46W	71.9	188.2	2.872	-5.95	69.4	S0409	.07190	10.0930	0.6	F
9002	67509.72	38 1N	117 46W	71.7	188.1	2.872	-5.25	69.5	S0409	.07190	10.1095	0.6	A
9003	67561.32	34 14N	118 10W	74.6	187.8	2.872	12.25	71.6	S0409	.07190	9.8291	7.4	V
1061 9001	83044.51	64 26N	173 12W	78.1	195.1	1.687	11.55	48.7	S0409	.05410	9.2766	1.2	F
9002	83049.91	64 27N	173 12W	78.1	194.9	1.475	12.25	48.7	S0409	.05410	9.2949	1.4	A
1062 5001	2077.11	56 17N	160 47E	83.9	191.7	2.033	26.25	56.2	S0255	.02260	8.6571	0.6	F
5002	2083.31	56 16N	160 47E	84.6	191.6	1.810	27.30	56.2	S0255	.02260	8.5829	0.4	A
9001	1903.71	68 9N	166 33E	76.8	197.5	1.332	-5.25	45.2	S0409	.07190	9.4085	0.8	F
9002	1909.11	68 9N	166 34E	76.6	197.2	1.332	-4.90	45.2	S0409	.07190	9.4580	1.0	A
9003	2127.91	52 56N	158 26E	73.0	190.7	2.170	3.15	58.8	S0409	.07190	9.9363	0.4	F
9004	2130.51	52 56N	158 26E	72.1	190.7	2.170	3.50	58.8	S0409	.07190	10.1754	0.4	V

Handle via
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BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1062 9005	2137.11	52 48N	158 27E	75.0	190.6	2.385	10.15	59.4	S0409	.09670	9.6542	0.8	F
9006	2142.51	52 18N	158 27E	75.2	190.5	2.170	11.20	59.4	S0409	.09670	9.6394	0.8	A
9007	2162.51	50 54N	156 41E	78.1	190.2	2.033	-24.50	60.3	S0409	.05410	9.3838	0.4	V
9008	2165.31	50 54N	156 40E	79.0	190.1	2.033	-24.50	60.3	S0409	.05410	9.1941	0.4	A
1063 5001	7495.71	48 56N	136 21E	97.3	189.9	2.033	38.85	62.5	S0255	.02260	7.4946	0.6	F
9001	7180.31	70 40N	147 58E	78.7	199.5	1.113	8.75	42.8	S0409	.05410	9.2105	1.2	A
9002	7506.11	48 56N	135 2E	74.1	189.7	2.385	11.20	62.5	S0409	.09670	9.9115	0.6	V
9003	7509.91	48 52N	135 2E	75.0	189.7	2.385	11.55	62.5	S0409	.09670	9.6559	0.6	A
9004	7514.31	48 48N	135 2E	76.2	189.6	2.385	15.05	62.8	S0409	.07190	9.4992	0.6	A
9005	7519.91	47 54N	134 57E	76.6	189.3	2.385	15.75	63.1	S0409	.07190	9.4568	0.6	A
9006	7534.71	46 54N	134 13E	73.0	189.4	2.511	3.50	63.7	S0409	.07190	9.9463	0.4	A
9007	7539.71	46 29N	134 18E	74.2	189.3	2.511	9.45	64.1	S0409	.07190	9.7714	0.6	A
9008	7571.51	44 10N	133 16E	71.6	188.9	2.511	-2.45	65.6	S0409	.07190	10.2579	0.4	V
9009	7574.11	44 10N	133 16E	72.4	188.9	2.511	-2.10	65.6	S0409	.07190	10.0187	0.4	A
9010	7593.51	42 50N	132 32E	74.2	188.7	2.511	-15.05	66.3	S0409	.07190	9.7879	0.4	A
9011	7757.31	31 17N	131 5E	86.9	187.5	2.511	30.80	73.0	S0409	.05410	8.4528	0.8	V
9012	7760.51	31 17N	131 5E	88.4	187.5	2.511	31.15	73.0	S0409	.05410	8.1716	0.8	A
9013	A1A1.91	1 54N	125 5E	87.2	186.4	3.211	12.60	60.1	S0409	.05410	8.2953	0.6	F
9014	A1A7.51	1 30N	124 51E	85.2	186.4	3.439	5.60	59.7	S0409	.05410	8.4350	0.4	S
9015	A190.31	1 34N	124 51E	84.2	186.4	3.439	5.60	59.7	S0409	.05410	8.6099	0.6	V
9016	A193.51	1 30N	124 50E	83.5	186.4	3.439	5.95	59.7	S0409	.05410	8.3943	0.6	A
9017	A363.51	10 11S	123 32E	108.6	186.3	2.385	29.05	50.0	S0409	.05410	8.5472	0.6	A
9018	A609.51	27 10S	119 55E	108.0	187.2	2.872	11.20	34.1	S0409	.07190	8.6709	0.6	V
9019	A613.51	27 9S	119 55E	109.7	187.2	2.872	11.55	34.1	S0409	.05410	8.4482	0.6	A
1064 5001	12931.30	40 42N	109 55E	73.3	188.5	2.511	-14.65	67.8	S0255	.03150	9.8609	0.6	F
5002	12936.50	40 42N	109 55E	73.1	188.4	2.733	-12.95	67.8	S0255	.03150	9.9551	0.6	A
9001	12469.70	71 46N	128 44E	87.3	201.1	1.113	26.60	41.7	S0409	.05410	8.3943	0.8	V
9002	12472.90	71 46N	128 43E	86.2	200.8	1.113	26.60	41.7	S0409	.05410	8.2046	0.8	A
9003	12762.90	52 04N	113 39E	73.6	190.7	2.170	-10.85	58.8	S0409	.07190	9.4291	1.0	F
9004	12758.30	52 06N	113 38E	73.4	190.6	2.170	-10.15	58.8	S0409	.07190	9.8951	0.6	A
9005	12767.10	51 57N	113 8E	74.9	190.4	2.170	-15.40	59.5	S0409	.05410	9.6529	0.6	F
9006	12772.50	51 56N	113 9E	74.5	190.4	2.170	-14.70	59.5	S0409	.05410	9.7584	0.6	A
9007	12776.30	51 40N	113 6E	74.1	190.3	2.170	-13.30	59.7	S0409	.07190	9.7961	0.4	A
9008	12777.50	51 36N	113 4E	74.0	190.3	2.170	-13.30	59.8	S0409	.07190	9.8043	2.0	A
9009	12781.50	51 19N	112 59E	74.0	190.2	2.170	-13.30	60.0	S0409	.07190	9.8126	0.4	A
9010	12930.70	40 44N	109 55E	73.3	188.5	2.511	-13.65	67.7	S0409	.07190	9.8621	1.2	F
9011	12935.90	40 44N	109 55E	73.0	188.4	2.733	-12.95	67.8	S0409	.07190	9.9563	1.2	A
9012	13017.50	34 40N	109 13E	76.0	187.8	2.872	14.00	71.4	S0409	.07190	9.5552	0.6	F
9013	13022.90	34 41N	109 14E	76.4	187.8	2.733	15.05	71.4	S0409	.05410	9.4883	0.6	A
9014	13057.30	31 59N	108 11E	72.8	187.6	3.090	-2.80	72.0	S0409	.07190	9.9310	0.8	F
9015	13062.50	31 59N	108 11E	72.8	187.5	3.090	-2.10	72.0	S0409	.07190	9.9528	0.3	A
9016	13068.90	31 10N	107 26E	78.8	187.5	2.733	-24.50	71.8	S0409	.05410	9.1612	1.0	F
9017	13092.50	29 03N	107 30E	73.9	187.4	3.090	-10.15	72.4	S0409	.07190	9.7796	0.8	F
9018	13097.70	29 03N	107 30E	73.8	187.4	3.090	-9.10	72.4	S0409	.07190	9.8206	1.0	A
9019	13107.70	28 53N	106 58E	77.3	187.3	2.872	-22.75	72.3	S0409	.05410	9.3961	0.4	F
9020	13117.50	27 52N	107 5E	74.3	187.3	3.090	-12.60	72.5	S0409	.07190	9.7301	1.0	F
9021	13122.90	27 51N	107 5E	74.2	187.2	3.090	-11.90	72.6	S0409	.07190	9.7714	0.8	A
9022	13127.70	27 10N	106 48E	76.5	187.2	3.090	-20.30	72.4	S0409	.05410	9.4415	0.4	F
9023	13135.30	26 59N	106 43E	75.8	187.2	3.090	-17.85	72.5	S0409	.05410	9.5240	1.2	F
9024	13142.30	26 25N	106 16E	82.6	187.2	2.872	-31.15	72.1	S0409	.05410	9.8476	0.6	V
9025	13145.30	26 25N	106 16E	83.4	187.1	2.872	-30.80	72.1	S0409	.05410	9.6934	0.6	A
1065 5001	18016.10	56 24N	93 42E	75.6	191.6	2.033	10.50	55.9	S0255	.03150	9.6136	1.0	A
9001	17903.70	63 48N	97 33E	75.3	194.6	1.687	6.65	49.3	S0409	.07190	9.7384	0.6	V
9002	17906.50	63 48N	97 33E	76.2	194.5	1.687	7.00	49.3	S0409	.07190	9.5107	0.6	A
9003	17980.50	57 55N	93 7E	78.1	192.1	1.687	-19.95	54.4	S0409	.05410	9.2314	0.4	F
9004	17994.10	57 53N	93 8E	77.6	192.0	1.810	-19.25	54.4	S0409	.05410	9.3508	0.8	A
9005	18227.90	41 34N	88 43E	74.1	188.6	2.733	11.20	67.6	S0409	.05410	9.8043	0.8	F
9006	18233.10	41 33N	88 44E	74.4	188.6	2.511	12.60	67.6	S0409	.05410	9.7301	1.0	A
9007	18242.10	40 49N	88 3E	83.6	188.5	2.385	28.70	68.4	S0409	.04090	9.7918	0.8	V
9008	18245.30	40 42N	88 3E	85.0	188.4	2.170	29.40	68.4	S0409	.04090	9.5097	0.6	A
9009	18563.30	18 46N	82 50E	82.0	186.8	3.090	-26.60	70.5	S0409	.05410	9.9220	0.6	V
9010	18566.30	18 46N	82 50E	82.9	186.8	3.090	-26.25	70.5	S0409	.05410	9.7571	0.6	A
9011	18574.50	17 44N	83 17E	76.7	186.7	3.439	-1.75	70.6	S0409	.07190	9.4250	1.0	F
9012	18580.10	17 40N	83 17E	76.9	186.7	3.439	-0.70	70.6	S0409	.07190	9.3929	0.8	A
1066 5001	23673.10	32 27N	64 29E	75.5	187.6	2.872	14.70	72.2	S0255	.03150	9.7290	1.0	V
5002	23680.90	32 4N	64 49E	85.9	187.6	2.385	29.05	72.7	S0255	.02260	8.4180	0.6	A
5003	23690.50	31 26N	64 10E	77.8	187.5	2.733	16.40	72.6	S0255	.03150	9.3085	0.8	A
9001	23264.70	61 17N	73 14E	75.0	193.3	1.610	-7.00	51.5	S0409	.05410	9.6724	0.4	A
9002	23406.50	47 54N	67 41E	73.7	189.6	2.385	-12.60	62.7	S0409	.05410	9.8208	0.6	F
9003	23461.70	47 55N	67 41E	73.5	189.5	2.385	-11.90	62.7	S0409	.05410	9.8364	0.6	A
9004	23476.10	45 47N	67 50E	75.2	189.2	2.511	12.60	64.6	S0409	.07190	9.6842	1.0	F
9005	23481.50	45 47N	67 50E	75.3	189.2	2.385	13.30	64.6	S0409	.07190	9.6147	1.0	A
9006	23495.70	44 34N	66 16E	79.3	189.0	2.170	-25.90	65.0	S0409	.05410	9.1084	1.4	F
9007	23501.50	44 34N	66 16E	78.9	189.0	2.385	-25.55	65.0	S0409	.05410	9.2189	1.2	A
9008	23564.30	39 49N	65 33E	73.0	188.4	2.733	-10.15	68.3	S0409	.05410	9.9198	0.4	F
9009	23566.90	39 49N	65 33E	72.1	188.3	2.733	-9.80	68.4	S0409	.05410	10.1857	0.4	V

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1066 9010	23569.50	39 49N	65 33E	72.8	188.3	2.733	-9.45	68.4	S0409	.05410	9.9693	0.6	A
9011	23577.70	38 54N	65 47E	73.6	186.3	2.733	7.00	69.2	S0409	.05410	9.8703	0.8	F
9012	23582.90	38 54N	65 46E	73.6	188.2	2.733	7.35	69.2	S0409	.05410	9.8373	0.6	A
1067 5001	28603.70	58 34N	49 59E	74.0	192.3	2.033	-1.05	53.9	S0255	.0415U	9.8197	0.6	A
5002	28642.90	55 54N	48 50F	73.6	191.4	2.033	0.35	56.3	S0255	.0315U	9.8692	0.6	A
5003	28675.10	53 24N	49 6E	86.9	190.8	2.033	30.80	58.7	S0255	.0315U	8.4758	0.6	V
5004	28678.30	53 24N	49 6E	88.0	190.7	1.810	31.50	58.7	S0255	.0315U	8.2366	0.6	A
9001	28524.70	63 35N	53 49E	79.3	194.6	1.687	18.55	49.5	S0409	.07190	9.2436	0.8	V
9002	28529.50	63 30N	53 1AE	76.8	194.4	1.687	10.50	49.6	S0409	.07190	9.4250	0.4	A
9003	28549.70	59 12N	49 40E	75.6	192.6	1.810	-12.95	53.3	S0409	.07190	9.5570	0.6	F
9004	28590.90	59 7N	49 46E	75.6	192.6	1.810	-12.95	53.4	S0409	.07190	9.5852	0.6	F
9005	28595.10	58 12N	49 43E	75.4	192.5	1.810	-12.60	53.3	S0409	.07190	9.6229	0.6	A
9006	28596.50	59 8N	49 45E	75.3	192.4	1.810	-12.60	53.4	S0409	.07190	9.6229	0.4	A
9007	28629.10	56 34N	48 4F	80.7	191.7	1.687	-25.55	55.5	S0409	.07190	8.9345	0.6	F
9008	28634.90	56 34N	48 5E	80.1	191.6	1.810	-24.85	55.5	S0409	.07190	9.0622	0.6	A
9009	28659.30	54 20N	48 20E	73.6	191.1	2.170	2.45	57.6	S0409	.07190	9.8456	0.6	F
9010	28662.10	54 24N	48 20F	72.7	191.0	2.170	2.80	57.6	S0409	.07190	10.0347	0.4	V
9011	28664.70	54 20N	48 20E	73.6	191.0	2.170	3.15	57.6	S0409	.07190	9.8558	0.4	A
9012	28694.90	52 2N	47 6E	73.4	190.5	2.170	-7.00	59.5	S0409	.07190	9.8621	1.0	F
9013	28700.10	52 2N	47 6E	73.2	190.4	2.170	-6.30	59.5	S0409	.07190	9.9115	1.0	A
9014	28707.30	51 26N	46 15E	77.8	190.3	2.033	-23.80	59.8	S0409	.07190	9.4250	0.6	V
9015	28710.10	51 26N	46 15E	78.5	190.2	2.033	-23.45	59.8	S0409	.07190	9.2601	0.6	A
9016	28722.70	50 30N	46 54E	73.9	190.0	2.385	6.65	61.2	S0409	.07190	9.8126	0.8	F
9017	28727.90	50 30N	46 54E	73.9	190.0	2.385	7.35	61.2	S0409	.07190	9.8043	1.0	A
9018	28735.50	49 10N	46 53E	76.4	189.9	2.335	15.05	62.0	S0409	.07190	9.4910	0.6	F
9019	28738.30	49 10N	46 53E	75.7	189.8	2.385	15.40	62.0	S0409	.07190	9.6972	0.6	V
9020	28743.10	48 54N	46 30E	73.0	189.8	2.385	7.35	62.2	S0409	.07190	10.0517	0.4	V
9021	28748.30	48 40N	46 17E	73.5	189.7	2.385	5.60	62.6	S0409	.07190	9.8621	1.0	F
9022	28753.50	48 24N	46 17E	73.6	189.6	2.385	6.30	62.6	S0409	.07190	9.8456	1.2	A
9023	28842.50	41 50N	44 45E	77.1	188.6	2.511	17.50	67.5	S0409	.07190	9.4333	0.8	F
9024	28849.10	41 30N	44 45E	77.6	188.6	2.511	18.55	67.5	S0409	.07190	9.3261	0.8	A
9025	28857.90	40 58N	44 24F	74.1	188.5	2.511	14.35	68.0	S0409	.07190	9.9033	0.6	V
9026	28860.70	40 50N	44 24E	75.1	188.5	2.511	14.70	68.0	S0409	.07190	9.6394	0.4	A
9027	28866.70	40 42N	44 9E	74.7	188.4	2.733	12.25	68.5	S0409	.07190	9.7219	1.0	F
9028	28872.10	40 26N	44 9E	75.0	188.4	2.511	13.30	68.5	S0409	.07190	9.6642	0.8	A
9029	28913.30	37 8N	42 25E	77.1	188.1	2.511	-22.75	69.6	S0409	.05410	9.5591	0.6	F
9030	28916.10	37 8N	42 24E	76.1	188.0	2.733	-22.75	69.6	S0409	.07190	9.6312	0.6	V
9031	28921.30	36 42N	42 37E	72.6	186.0	2.733	-11.90	70.0	S0409	.07190	10.0930	0.8	V
9032	28928.30	36 0N	42 50E	72.9	187.9	2.872	1.75	70.6	S0409	.07190	9.9445	0.4	F
9033	28930.90	36 0N	42 50E	72.1	187.9	2.872	2.10	70.6	S0409	.07190	10.1754	0.6	V
9034	28959.90	33 49N	42 27E	73.9	187.7	2.872	6.30	71.6	S0409	.0409U	9.8208	1.0	F
9035	28969.50	33 10N	41 42E	75.3	187.7	2.872	-17.50	71.4	S0409	.07190	9.5900	1.0	F
9036	29003.10	30 56N	41 1E	78.8	187.5	2.733	-24.50	71.8	S0409	.05410	9.1529	1.0	F
106A 9001	33551.49	81 10N	64 28E	80.1	226.2	0.417	-2.45	31.5	S0409	.07190	9.1199	0.8	V
9002	33554.49	81 10N	64 26E	80.9	225.3	0.417	-2.45	31.5	S0409	.07190	8.9306	0.8	A
9003	33745.89	69 24N	34 12E	79.8	198.5	1.113	-17.50	43.9	S0409	.07190	9.0292	0.4	F
9004	33748.89	69 20N	34 11E	78.8	198.3	1.113	-17.50	43.9	S0409	.07190	9.2766	0.4	V
9005	33753.49	69 8N	33 30E	81.8	198.1	1.113	-23.45	44.1	S0409	.07190	8.9385	0.8	V
9006	33756.49	69 0N	33 29E	82.7	197.9	1.113	-23.45	44.1	S0409	.07190	8.7571	0.8	A
9007	33761.89	68 36N	33 17E	79.3	197.6	1.113	-19.25	44.7	S0409	.07190	9.2189	0.6	V
9008	33764.89	68 32N	33 17E	80.0	197.5	1.113	-18.90	44.7	S0409	.07190	9.0546	0.6	A
9009	33769.49	68 1N	33 3E	77.9	197.2	1.113	-16.10	45.2	S0409	.05410	9.3320	0.6	V
9010	33772.49	68 0N	33 2E	78.6	197.1	1.332	-16.10	45.2	S0409	.05410	9.2184	0.6	A
9011	33777.69	67 29N	32 31E	78.3	196.8	1.113	-17.50	45.7	S0409	.07190	9.3426	0.6	V
9012	33780.49	67 29N	32 30E	79.2	196.7	1.332	-17.85	45.7	S0409	.07190	9.1524	0.6	A
9013	33784.29	67 13N	32 28E	77.9	196.5	1.332	-14.70	46.0	S0409	.07190	9.2931	0.6	A
9014	33875.29	60 44N	30 8E	81.1	193.2	1.810	22.75	52.2	S0409	.07190	9.0457	0.6	V
9015	33878.09	60 40N	30 8E	82.0	193.1	1.810	22.75	52.1	S0409	.07190	8.8513	0.6	A
9016	33884.69	59 49N	30 11E	90.2	193.0	1.810	32.20	53.1	S0409	.05410	8.0644	1.0	F
9017	33887.89	59 49N	30 12E	89.4	192.9	1.810	32.55	53.1	S0409	.05410	8.2129	1.0	V
9018	33902.29	58 52N	28 1E	74.1	192.5	2.033	-1.40	53.7	S0409	.07190	9.7651	1.0	F
9019	33907.69	58 24N	28 1E	74.0	192.4	2.033	-1.05	53.7	S0409	.07190	9.7961	1.0	A
9020	33916.09	57 49N	28 24F	79.3	192.2	2.033	18.90	54.8	S0409	.07190	9.1447	0.8	F
9021	33921.69	57 49N	28 25E	79.6	192.0	1.810	19.95	54.8	S0409	.07190	9.0952	1.0	A
9022	33934.89	57 20N	28 14F	78.6	192.0	2.033	19.60	55.1	S0409	.07190	9.3261	0.4	V
9023	33937.69	57 20N	28 14E	79.7	191.9	1.810	20.30	55.1	S0409	.07190	9.0787	0.4	A
9024	33945.89	55 56N	26 29E	73.8	191.5	2.033	-6.65	56.2	S0409	.07190	9.8043	0.8	F
9025	33951.09	55 56N	26 29E	73.6	191.4	2.033	-6.30	56.2	S0409	.07190	9.8456	0.8	A
9026	33958.29	55 14N	26 54E	74.9	191.3	2.033	12.25	57.0	S0409	.07190	9.7879	1.2	V
9027	33961.69	55 8N	26 53E	75.8	191.2	2.033	12.60	57.0	S0409	.07190	9.5405	0.8	A
9028	33966.89	54 50N	26 23F	73.0	191.1	2.170	4.90	57.4	S0409	.07190	10.0435	1.0	V
9029	33970.49	54 36N	26 1AE	73.6	191.0	2.170	3.85	57.5	S0409	.07190	9.8373	0.6	A
9030	33981.49	53 52N	26 56E	84.4	190.8	2.033	28.70	58.6	S0409	.05410	8.6829	0.6	U
9031	33984.49	53 32N	26 57E	85.8	190.8	1.810	29.40	58.6	S0409	.05410	8.4355	0.6	A
9032	33995.49	52 50N	24 53E	75.0	190.6	2.033	-15.05	59.0	S0409	.07190	9.6394	0.6	F
9033	34000.89	52 50N	24 53E	74.7	190.5	2.170	-14.35	59.0	S0409	.07190	9.7136	0.6	A
9034	34006.29	52 16N	24 21E	79.4	190.4	2.033	-25.20	59.1	S0409	.07190	9.1447	0.6	A
9035	34019.69	50 51N	25 4E	73.9	190.2	2.385	7.35	60.6	S0409	.07190	9.8043	1.2	F
9036	34024.89	50 31N	25 5E	74.1	190.1	2.170	8.40	60.6	S0409	.07190	9.7796	1.6	A
9037	34035.49	50 5N	23 37E	78.6	190.0	2.033	-25.90	60.9	S0409	.07190	9.3179	0.6	V
9038	34038.29	50 5N	23 38E	79.3	189.9	2.033	-25.55	60.9	S0409	.07190	9.1612	0.6	A
9039	34043.89	49 47N	23 48E	74.3	189.9	2.170	-14.35	61.6	S0409	.07190	9.7219	0.8	F
9040	34049.29	49 16N	23 48E	74.1	189.8	2.385	-14.00	61.7	S0409	.07190	9.7961	0.8	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1068 9041	34062.49	48 12N	23 19E	74.8	189.6	2.170	-16.55	62.4	S0409	.07190	9.7879	0.6	V
9042	34067.09	48 3N	23 29E	73.6	189.5	2.385	-12.25	62.6	S0409	.07190	9.8638	0.6	A
9043	34133.49	43 20N	21 57E	74.3	188.8	2.385	-16.20	66.0	S0409	.07190	9.8538	0.6	V
9044	34136.29	43 20N	21 57E	75.1	188.8	2.385	-17.85	66.0	S0409	.07190	9.6724	0.6	A
9045	34153.89	41 44N	21 46E	73.2	188.6	2.511	-10.85	67.2	S0409	.07190	9.8868	0.4	F
9046	34156.49	41 44N	21 46E	72.2	188.6	2.511	-10.50	67.2	S0409	.07190	10.1424	0.4	V
9047	34161.69	41 28N	21 34E	72.9	188.5	2.511	-14.35	67.3	S0409	.07190	10.0517	0.6	V
9048	34164.49	41 22N	21 34E	73.7	188.5	2.733	-14.35	67.3	S0409	.07190	9.8456	0.4	A
9049	34298.09	32 7N	20 5E	75.9	187.6	2.872	12.25	72.3	S0409	.05410	9.5157	1.0	A
9050	34319.09	30 42N	20 13E	85.0	187.5	2.511	27.30	73.0	S0405	.05410	8.4450	0.6	A
9051	34625.89	9 20N	14 56E	83.3	186.5	3.439	-21.70	65.3	S0409	.05410	8.7571	1.0	V
9052	34849.49	5 59S	12 24E	89.9	186.5	3.574	-15.05	53.1	S0409	.07190	8.0727	0.6	V
9053	34852.89	5 59S	12 24E	91.0	186.5	3.574	-14.70	53.1	S0409	.07190	7.8748	0.6	A
1069 9001	39354.89	49 1N	1 56E	72.8	189.8	2.385	-4.55	62.0	S0409	.07190	9.9445	0.6	F
9002	39360.09	49 1N	1 56E	72.7	189.7	2.385	-3.85	62.0	S0409	.07190	9.9775	0.6	A
9003	39561.09	34 50N	1 34W	73.4	187.8	2.872	5.60	71.2	S0409	.07190	9.8786	1.4	F
9004	39566.49	34 49N	1 34W	73.5	187.8	2.872	6.30	71.2	S0409	.07190	9.8373	1.2	A
9005	39612.29	31 40N	2 15W	74.1	187.5	2.872	7.35	72.3	S0409	.04090	9.7691	0.6	A
1071 9001	50893.68	14 16S	54 20W	105.2	186.6	2.733	22.75	46.2	S0409	.05410	6.7553	0.8	A
9002	50904.48	15 29S	55 4W	96.0	186.6	3.211	4.55	44.8	S0409	.05410	7.4790	1.0	F
9003	50914.08	16 13S	54 40W	105.5	186.7	2.872	21.70	44.4	S0409	.05410	6.8193	0.8	F
9004	50921.28	16 26S	54 56W	100.1	186.7	2.872	15.05	44.1	S0409	.05410	7.2316	0.8	V
9005	50926.08	16 35S	55 11W	98.9	186.7	3.090	9.45	43.5	S0409	.05410	7.2563	1.0	F
9006	50931.48	16 45S	54 56W	103.6	186.7	2.872	17.05	43.7	S0409	.05410	6.8605	0.8	A
9007	50936.48	17 29S	54 58W	104.1	186.7	2.872	19.60	43.2	S0409	.05410	6.9512	1.4	V
9008	50943.48	17 41S	55 9W	103.3	186.7	2.872	16.10	43.0	S0409	.05410	6.8770	1.0	A
9009	50952.28	18 01S	55 3W	109.5	186.8	2.733	23.45	42.0	S0409	.05410	6.5554	1.0	F
9010	50958.68	18 13S	55 32W	101.6	186.8	3.090	11.55	41.5	S0409	.05410	7.0584	0.6	F
9011	50966.28	18 13S	55 39W	100.8	186.8	3.090	8.40	41.4	S0409	.05410	7.0502	1.0	A
9012	50973.88	18 26S	55 50W	98.5	186.8	3.211	2.45	40.6	S0409	.07190	7.3388	1.0	V
9013	50979.48	20 7S	55 53W	100.9	186.8	3.090	5.30	40.6	S0409	.05410	7.0419	1.0	A
9014	51025.08	23 41S	56 49W	101.9	187.0	3.211	-2.80	37.1	S0409	.07190	7.0172	1.0	F
9015	51028.88	23 57S	56 49W	102.2	187.0	3.211	-1.05	36.9	S0409	.07190	6.9925	0.8	F
9016	51033.28	24 09S	56 43W	102.8	187.0	3.211	1.75	37.1	S0409	.07190	6.9018	1.0	A
9017	51038.48	24 09S	56 35W	105.4	187.0	3.211	9.80	36.4	S0409	.05410	6.7863	1.0	F
9018	51044.68	25 1S	57 5W	103.0	187.1	3.211	-2.80	35.9	S0409	.07190	6.9347	1.0	F
9019	51051.68	25 12S	57 30W	104.1	187.1	3.211	-14.00	35.5	S0409	.07190	6.9182	1.4	V
9020	51062.28	25 46S	56 29W	113.2	187.1	2.511	20.30	35.5	S0409	.05410	6.2503	0.4	A
9021	51075.88	26 09S	57 7W	106.4	187.2	2.872	6.65	34.5	S0409	.07190	6.6626	0.6	A
9022	51080.88	27 0S	56 56W	110.0	187.2	2.733	14.00	34.2	S0409	.05410	6.4317	1.0	A
9023	51085.68	27 21S	56 50W	113.1	187.2	2.511	18.20	34.0	S0409	.05410	6.2506	1.0	A
9024	51184.48	34 09S	58 23W	117.1	187.8	2.511	15.40	27.1	S0409	.07190	6.0854	0.8	F
9025	51193.08	34 09S	58 23W	119.2	187.8	2.385	16.10	27.1	S0409	.07190	5.9617	1.0	A
9026	51218.48	36 40S	59 52W	113.9	188.0	2.872	-9.10	24.7	S0409	.07190	6.2338	0.6	F
9027	51225.68	36 09S	59 44W	112.3	188.0	2.872	-4.20	24.5	S0409	.07190	6.3823	0.6	V
9028	51229.88	36 09S	59 45W	114.0	188.1	2.872	-3.85	24.5	S0409	.07190	6.2008	0.6	A
1072 5001	55827.88	11 11N	72 28W	81.9	186.5	3.211	11.55	67.1	S0255	.03150	8.8158	0.8	A
5002	55835.08	10 43N	72 48W	79.2	186.5	3.439	-1.75	66.5	S0255	.03150	9.1271	1.0	A
5003	55840.88	10 0N	73 1W	78.3	186.5	3.439	-7.00	66.1	S0255	.03150	9.3552	0.8	V
5004	55851.88	9 04N	73 10W	79.7	186.5	3.574	-8.75	65.6	S0255	.03150	9.0776	0.8	A
5005	55857.68	8 50N	73 27W	80.6	186.5	3.439	-16.45	65.1	S0255	.03150	9.0694	0.8	V
5006	55863.88	8 26N	73 18W	79.1	186.5	3.439	-7.00	64.9	S0255	.03150	9.2343	0.4	V
9001	55714.88	13 56N	70 43W	84.3	186.8	2.733	23.10	71.7	S0409	.05410	8.5427	0.8	A
9002	55812.88	11 49N	72 26W	79.7	186.6	3.439	4.55	67.4	S0409	.07190	9.0869	1.2	F
9003	55818.68	11 49N	72 24W	80.4	186.5	3.211	7.00	67.4	S0409	.05410	8.9563	0.8	A
9004	55886.48	7 9N	73 11W	82.5	186.5	3.211	8.75	64.2	S0409	.05410	8.7241	0.8	A
9005	55893.88	6 57N	73 8W	84.8	186.5	3.090	14.70	63.9	S0409	.05410	8.4685	1.0	A
9006	55902.48	6 40N	73 6W	87.2	186.4	2.872	21.00	63.4	S0409	.05410	8.3778	1.0	V
9007	55909.68	6 33N	73 21W	85.5	186.4	3.090	13.30	63.1	S0409	.05410	8.4025	0.4	A
9008	55917.48	4 39N	73 4W	81.7	186.4	3.574	-11.55	62.0	S0409	.05410	8.8313	0.6	F
9009	55923.28	4 40N	73 4W	81.8	186.4	3.574	-10.50	62.0	S0409	.05410	8.8148	0.6	A
9010	56163.68	13 1S	77 8W	94.2	186.6	3.439	-15.75	47.7	S0409	.07190	7.7016	0.6	V
9011	56167.08	13 1S	77 8W	95.4	186.6	3.439	-15.40	47.7	S0409	.07190	7.5120	0.6	A
1073 5001	61059.28	15 42N	92 56W	99.6	186.7	2.511	36.75	70.5	S0255	.02260	7.3297	0.8	F
5002	61063.48	15 59N	92 52W	102.2	186.7	2.170	39.20	70.5	S0255	.02260	7.1313	0.6	V
5003	61067.88	15 56N	92 48W	107.2	186.7	2.170	41.30	70.6	S0255	.02260	6.7278	1.0	A
1074 5001	66081.67	35 17N	112 10W	71.7	187.9	2.872	-1.40	70.8	S0255	.03150	10.1083	0.6	F
5002	66086.67	35 16N	112 11W	71.8	187.8	2.872	-0.70	70.8	S0255	.03150	10.1000	0.6	A
9001	66009.07	40 15N	110 49W	71.9	188.4	2.733	4.55	68.3	S0409	.07190	10.0960	0.6	F
9002	66014.27	40 15N	110 49W	72.1	188.4	2.733	5.60	68.3	S0409	.07190	10.0917	0.6	A
9003	66081.47	35 16N	112 10W	71.7	187.9	2.872	-1.40	70.8	S0409	.07190	10.1095	0.8	F
9004	66086.67	35 17N	112 11W	71.7	187.8	2.872	-0.70	70.8	S0409	.07190	10.1012	0.8	A
9005	66179.67	28 56N	114 10W	79.3	187.3	2.872	-24.50	72.2	S0409	.05410	9.1529	0.6	A
9006	66183.07	28 44N	114 13W	79.5	187.3	2.872	-24.50	72.2	S0409	.05410	9.1282	1.0	A
1078 9001	401.66	64 42N	170 28E	75.3	195.2	1.475	2.10	48.4	S0409	.05410	7.6147	0.8	F

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1078 9002	487.06	64 42N	170 28E	75.2	195.0	1.475	2.45	48.4	S0409	.05410	9.6394	0.8	A
9003	624.06	55 10N	165 58E	76.2	191.3	2.033	16.10	57.0	S0409	.09670	9.6229	0.4	V
9004	626.86	55 10N	165 58E	77.2	191.2	2.033	16.45	57.0	S0409	.09670	9.3756	0.4	A
1079 9001	5956.66	53 30N	143 5E	75.0	190.8	2.170	13.65	58.4	S0409	.09670	9.7961	0.4	V
9002	5959.26	53 30N	143 5E	75.9	190.8	2.170	14.00	58.4	S0409	.09670	9.5437	0.4	A
9003	5972.26	52 50N	141 16E	80.5	190.6	2.033	-27.30	58.6	S0409	.05410	9.0127	0.4	A
9004	5981.86	51 40N	141 41E	72.9	190.4	2.170	-6.65	59.7	S0409	.07190	9.9280	0.8	F
9005	5987.06	51 40N	141 42E	72.8	190.3	2.385	-5.95	59.7	S0409	.07190	9.9693	1.0	A
9006	6025.86	48 59N	140 17E	75.2	189.8	2.170	-19.95	61.8	S0409	.09670	9.7384	0.6	V
9007	6028.66	48 59N	140 17E	76.0	189.7	2.385	-19.95	61.8	S0409	.09670	9.5652	0.4	A
1080 9001	11416.26	43 22N	117 44E	76.5	188.8	2.385	18.90	66.4	S0409	.07190	9.4580	0.4	A
9002	11446.46	41 4N	115 48E	78.6	188.5	2.385	-26.25	67.3	S0409	.05410	9.1941	0.4	F
9003	11453.86	40 51N	116 4E	73.1	188.5	2.733	-12.95	67.9	S0409	.07190	9.9033	0.4	F
9004	11456.46	40 32N	116 4E	72.1	188.4	2.733	-12.60	67.9	S0409	.07190	10.1672	0.4	V
9005	11463.26	39 51N	116 11E	72.3	188.4	2.733	-3.15	68.4	S0409	.07190	10.0187	0.8	F
9006	11468.46	39 51N	116 11E	72.3	188.3	2.733	-2.10	68.4	S0409	.07190	10.0270	0.6	A
9007	11479.46	38 48N	115 0E	84.4	186.2	2.170	-32.90	68.5	S0409	.04090	8.5262	0.8	F
9008	11485.66	38 40N	115 11E	79.9	188.2	2.385	-27.30	68.6	S0409	.05410	9.0952	0.6	A
9009	11499.26	37 24N	115 22E	73.2	188.1	2.733	-10.85	69.7	S0409	.07190	9.8468	0.4	F
9010	11502.46	37 22N	115 18E	72.8	188.1	2.733	-12.95	69.6	S0409	.07190	10.0765	0.4	V
9011	11508.46	37 0N	115 39E	72.9	188.0	2.872	3.15	70.0	S0409	.07190	9.9363	0.4	A
9012	11599.86	30 36N	114 22E	74.2	187.0	2.872	9.45	72.6	S0409	.07190	9.8868	0.4	V
9013	11602.66	30 30N	114 22E	75.2	187.4	2.872	9.80	72.6	S0409	.07190	9.6229	0.4	A
9014	11653.06	26 50N	112 39E	81.6	187.2	2.872	-27.65	72.2	S0409	.05410	8.8231	0.6	F
9015	11656.06	26 49N	112 39E	80.5	187.2	2.872	-27.30	72.2	S0409	.05410	9.0869	0.6	V
9016	11668.26	25 50N	113 3E	73.3	187.1	3.211	-4.90	72.7	S0409	.07190	9.9940	0.4	V
9017	11671.06	25 30N	113 3E	74.2	187.1	3.211	-4.20	72.7	S0409	.07190	9.7549	0.4	A
9018	11678.06	25 24N	113 14E	75.1	187.1	3.090	7.35	72.9	S0409	.07190	9.6147	0.4	A
9019	11685.86	24 50N	113 31E	82.6	187.1	2.733	22.75	73.2	S0409	.05410	8.7241	0.4	A
9020	11700.46	23 26N	113 9E	80.5	187.0	3.090	18.20	72.9	S0409	.05410	9.0210	0.6	F
9021	11704.86	23 8N	113 16E	84.7	187.0	2.872	24.50	73.0	S0409	.07190	8.5922	0.6	F
9022	11707.86	23 0N	113 15E	84.0	187.0	2.872	24.85	73.0	S0409	.07190	8.7241	0.6	V
9023	11724.26	21 54N	112 25E	75.5	186.9	3.211	1.40	72.2	S0409	.07190	9.5900	0.6	F
9024	11727.06	21 34N	112 25E	74.8	186.9	3.211	1.75	72.2	S0409	.07190	9.7961	0.4	V
9025	11734.06	21 37N	111 52E	78.3	186.9	3.211	-18.90	71.6	S0409	.05410	9.2601	0.4	A
9026	12047.46	2 45S	107 46E	87.6	186.4	3.574	-9.80	55.9	S0409	.05410	8.1964	0.6	A
9027	12130.86	6 7S	106 51E	94.4	186.4	3.439	-22.75	52.8	S0409	.05410	7.5944	1.2	F
9028	12137.66	6 7S	106 51E	94.1	186.3	3.574	-21.70	52.8	S0409	.05410	7.6274	1.2	A
9029	12144.46	6 26S	107 35E	92.6	186.5	3.090	11.55	52.6	S0409	.04090	7.7099	0.6	A
1081 9001	16921.85	29 39N	91 5E	78.6	187.4	2.733	-28.35	72.0	S0409	.05410	9.3261	0.4	V
9002	16924.65	29 40N	91 5E	79.3	187.4	2.733	-28.00	72.0	S0409	.05410	9.1612	0.4	A
1082 5001	22150.45	34 50N	71 10E	74.3	187.8	2.872	11.90	71.2	S0255	.03150	9.8774	0.6	V
5002	22154.25	34 49N	71 8E	74.8	187.8	2.872	11.55	71.3	S0255	.02260	9.6960	1.0	A
5003	22177.05	33 21N	69 56E	76.6	187.7	2.872	-21.35	71.2	S0255	.03150	9.5064	0.8	A
9001	21637.45	69 21N	87 23E	83.5	196.7	1.332	22.75	44.0	S0409	.05410	8.6746	1.0	F
9002	21643.45	69 21N	87 22E	83.4	196.4	1.113	23.10	44.0	S0409	.05410	8.6582	1.0	A
9003	21865.05	54 22N	77 22E	78.5	191.0	2.033	21.00	57.8	S0409	.05410	9.3508	0.6	V
9004	21868.05	54 22N	77 22E	79.6	191.0	2.033	21.35	57.8	S0409	.05410	9.0952	0.6	A
9005	21976.25	46 37N	74 30E	77.5	189.4	2.511	18.55	64.0	S0409	.05410	9.3458	0.6	F
9006	21990.65	46 1N	72 28E	86.2	189.2	2.033	-36.05	63.8	S0409	.05410	8.4932	0.8	V
9007	21993.85	46 1N	72 27E	87.2	189.2	2.033	-36.05	63.8	S0409	.05410	8.3283	0.6	A
9008	21998.45	45 40N	72 37E	81.3	189.1	2.385	-29.75	64.2	S0409	.05410	8.9385	0.6	A
9009	22030.45	43 10N	72 44E	72.0	188.8	2.733	-4.90	66.4	S0409	.05410	10.0600	0.8	F
9010	22035.65	42 50N	72 44E	71.9	188.7	2.733	-3.85	66.4	S0409	.05410	10.0347	0.8	A
9011	22043.05	42 30N	72 18E	72.2	188.5	2.733	0.70	67.9	S0409	.05410	10.0352	0.6	F
9012	22068.25	40 49N	72 18E	72.3	188.4	2.733	1.75	67.9	S0409	.05410	10.0270	0.6	A
9013	22074.05	40 25N	71 49E	73.1	188.4	2.733	-12.60	67.9	S0409	.07190	9.9280	0.6	A
9014	22116.45	37 9N	70 32E	81.1	188.1	2.385	-29.75	69.4	S0409	.04090	8.8890	0.8	F
9015	22119.45	37 0N	70 32E	79.9	186.0	2.385	-29.40	69.4	S0409	.05410	9.1694	0.8	V
9016	22220.25	30 1N	70 36E	86.0	187.4	2.511	29.40	73.2	S0409	.04090	8.5345	1.0	V
9017	22223.45	30 1N	70 36E	87.4	187.4	2.511	29.75	73.2	S0409	.04090	8.2623	0.8	A
1083 5001	27094.45	59 20N	56 45E	73.8	192.7	2.033	1.05	53.2	S0255	.04150	9.8114	0.6	F
5002	27099.65	59 20N	56 46E	73.8	192.6	1.810	2.10	53.2	S0255	.04150	9.8279	1.0	A
9001	27070.85	61 19N	56 36E	78.5	193.4	1.475	-22.75	51.3	S0409	.07190	9.3508	0.6	V
9002	27073.65	61 19N	56 37E	79.0	193.3	1.687	-22.40	51.3	S0409	.07190	9.1777	0.6	A
9003	27084.25	60 17N	57 19E	73.2	193.0	1.810	4.20	52.4	S0409	.07190	10.0105	0.4	V
9004	27086.85	60 17N	57 19E	74.1	192.9	1.810	4.55	52.4	S0409	.07190	9.7979	0.4	A
9005	27094.25	59 20N	56 44E	73.8	192.7	2.033	1.05	53.2	S0409	.07190	9.8126	1.0	F
9006	27099.65	59 20N	56 46E	73.9	192.6	1.810	2.10	53.2	S0409	.07190	9.8291	0.8	A
9007	27114.05	58 3N	56 35E	76.1	192.2	2.033	12.95	54.5	S0409	.07190	9.5322	0.6	F
9008	27116.85	58 2N	56 35E	75.3	192.2	2.033	13.30	54.5	S0409	.07190	9.7466	0.6	V
9009	27134.45	57 4N	53 59E	87.1	191.8	1.475	-35.00	55.0	S0409	.05410	8.4273	0.6	V
9010	27137.65	57 4N	53 59E	87.9	191.7	1.687	-35.00	55.0	S0409	.05410	8.2623	0.6	A
9011	27213.85	51 20N	53 20E	72.6	190.3	2.385	0.35	60.1	S0409	.07190	9.9775	1.4	F
9012	27219.05	51 20N	53 21E	72.6	190.2	2.170	1.40	60.1	S0409	.07190	9.9858	1.4	A
9013	27275.45	47 8N	51 50E	72.4	189.3	2.511	-3.85	63.4	S0409	.07190	10.0105	0.6	F

Handle via
BYEMAN Channels
BYE-8915/84

Approved for Release: 2021/01/22 C05132886

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1083 9014	27280.45	47 9N	51 50E	72.3	189.4	2.511	-3.15	63.4	S0409	.07190	10.0352	0.8	A
9015	27302.25	45 26N	51 47E	73.6	189.1	2.511	11.20	64.8	S0409	.07190	9.9693	0.6	V
9016	27305.05	45 25N	51 47E	74.6	189.1	2.511	11.55	64.9	S0409	.07190	9.7136	0.4	A
9017	27325.65	43 36N	51 18E	74.7	188.9	2.511	11.90	66.1	S0409	.07190	9.7219	0.4	F
9018	27331.05	43 36N	51 18E	74.9	188.8	2.511	12.60	66.2	S0409	.07190	9.6542	0.6	A
9019	27369.85	40 45N	49 28E	77.8	188.5	2.385	-23.80	67.6	S0409	.05410	9.2766	0.4	F
9020	27372.65	40 45N	49 28E	76.7	188.4	2.385	-23.45	67.6	S0409	.07190	9.5570	0.4	V
9021	27375.45	40 45N	49 28E	77.4	188.4	2.385	-23.10	67.6	S0409	.07190	9.5864	0.4	A
9022	27381.45	40 0N	49 26E	74.9	188.4	2.511	-19.60	68.0	S0409	.07190	9.7796	0.4	V
9023	27383.45	39 57N	49 24E	74.9	188.4	2.511	-19.60	68.1	S0409	.07190	9.7796	0.4	V
9024	27388.25	39 26N	49 18E	75.6	188.3	2.511	-18.90	68.4	S0409	.07190	9.6570	0.6	F
9025	27391.05	39 26N	49 17E	74.8	188.3	2.511	-19.25	68.4	S0409	.07190	9.7761	0.6	V
9026	27409.25	38 27N	48 9E	73.1	187.6	3.090	-2.80	71.9	S0409	.07190	9.9198	0.6	F
9027	27494.45	32 27N	48 9E	73.1	187.6	3.090	-1.75	71.9	S0409	.07190	9.9033	0.8	A
9028	27503.25	31 42N	48 40E	83.0	187.5	2.733	24.85	72.7	S0409	.05410	8.7571	1.0	F
9029	27509.25	31 42N	48 40E	84.0	187.5	2.511	26.25	72.8	S0409	.05410	8.6804	1.0	A
9030	27518.05	30 26N	47 42E	73.5	187.5	3.090	-3.50	72.4	S0409	.07190	9.8621	1.0	F
9031	27519.65	30 24N	47 41E	73.5	187.4	3.090	-3.50	72.4	S0409	.07190	9.8621	0.6	F
9032	27520.65	30 26N	47 42E	73.5	187.4	3.090	-2.80	72.4	S0409	.07190	9.8538	0.6	A
9033	27524.85	30 24N	47 41E	73.5	187.4	3.090	-2.80	72.4	S0409	.07190	9.8538	0.6	A
9034	27533.65	29 42N	47 39E	74.1	187.4	3.090	3.50	72.7	S0409	.07190	9.7796	0.4	F
9035	27536.25	29 42N	47 39E	73.3	187.4	3.090	3.85	72.7	S0409	.07190	9.9940	1.0	V
9036	27539.45	29 20N	47 38E	74.3	187.3	3.090	4.20	72.7	S0409	.07190	9.7581	0.4	A
9037	27556.25	27 48N	47 39E	78.4	187.3	2.872	16.45	73.1	S0409	.05410	9.2766	1.4	F
9038	27751.85	14 24N	44 23E	78.7	186.6	3.439	-12.95	68.6	S0409	.05410	9.1694	0.8	F
9039	27757.45	14 22N	44 23E	78.7	186.6	3.439	-11.90	68.6	S0409	.05410	9.1777	1.0	A
9040	27764.65	13 41N	44 11E	78.6	186.6	3.439	-15.75	68.1	S0409	.05410	9.3013	0.6	V
9041	27767.45	13 41N	44 11E	79.5	186.6	3.439	-15.40	68.2	S0409	.05410	9.0952	0.6	A
9042	27775.65	12 42N	44 8E	79.5	186.6	3.439	-11.20	67.6	S0409	.05410	9.0869	1.0	F
9043	27781.45	12 42N	44 8E	79.5	186.6	3.439	-10.15	67.7	S0409	.05410	9.0787	0.8	A
9044	27870.65	6 17N	43 44E	87.4	186.5	3.090	19.25	63.7	S0409	.05410	8.3366	1.4	V
9045	27878.45	5 36N	43 35E	87.0	186.4	3.090	16.10	63.4	S0409	.04090	8.2459	1.0	A
9046	27963.65	0 20S	42 34E	91.1	186.4	3.211	16.80	58.4	S0409	.05410	7.9408	0.8	F
9047	27966.85	0 20S	42 34E	90.4	186.4	3.211	17.15	58.4	S0409	.05410	8.0562	1.0	V
1084 5001	32317.65	64 36N	39 50E	94.3	195.5	1.687	35.35	48.6	S0255	.03150	7.7090	0.6	F
9001	32273.65	64 8N	39 31E	76.3	197.5	1.332	-13.65	45.2	S0409	.07190	9.5382	0.4	V
9002	32276.45	64 8N	39 30E	77.1	197.1	1.332	-13.65	45.2	S0409	.07190	9.4003	0.4	A
9003	32328.85	64 37N	39 50E	93.3	195.2	1.475	35.70	48.6	S0409	.05410	7.8749	1.0	V
9004	32324.25	64 37N	39 51E	94.7	195.1	1.475	36.05	48.6	S0409	.05410	7.6521	1.0	A
9005	32368.85	61 47N	34 28E	81.6	193.6	1.475	-27.65	50.9	S0409	.04090	8.9633	0.6	V
9006	32371.85	61 47N	34 29E	82.2	193.5	1.475	-27.30	50.9	S0409	.04090	8.8148	0.6	A
9007	32416.45	58 30N	33 31E	74.4	192.5	1.810	-14.70	54.9	S0409	.07190	9.8456	0.6	V
9008	32419.24	58 30N	33 31E	75.1	192.2	1.810	-14.35	53.9	S0409	.07190	9.6559	0.6	A
9009	32427.05	57 41N	34 7E	73.7	192.0	2.033	8.75	54.8	S0409	.07190	9.9528	0.6	V
9010	32429.85	57 40N	34 7E	74.6	192.0	2.033	9.10	54.8	S0409	.07190	9.7136	0.6	A
9011	32467.45	54 51N	32 3E	74.2	191.2	2.033	-12.95	57.1	S0409	.07190	9.7549	0.8	F
9012	32472.85	54 51N	32 3E	73.9	191.1	2.033	-12.25	57.1	S0409	.07190	9.8208	0.8	A
9013	32505.85	52 40N	30 54E	75.3	190.5	2.033	-19.60	59.0	S0409	.07190	9.7384	0.6	V
9014	32508.65	52 40N	30 54E	76.0	190.5	2.033	-19.25	59.0	S0409	.07190	9.5540	0.4	A
9015	32534.25	50 29N	30 24E	73.4	190.1	2.170	-15.05	60.7	S0409	.07190	9.9058	0.4	U
9016	32537.04	50 29N	30 24E	74.1	190.0	2.170	-14.70	60.7	S0409	.07190	9.7379	0.4	A
9017	32541.44	49 47N	30 29E	72.6	190.0	2.385	-6.30	61.3	S0409	.07190	9.9775	0.6	F
9018	32546.65	49 47N	30 29E	72.4	189.9	2.385	-6.60	61.3	S0409	.07190	10.0187	0.6	A
9019	32555.64	49 0N	30 53E	75.1	189.8	2.385	13.30	62.0	S0409	.07190	9.6394	0.4	A
9020	32560.45	47 52N	29 54E	72.4	189.6	2.385	-5.60	62.8	S0409	.07190	10.0105	0.6	F
9021	32574.64	47 52N	29 54E	72.3	189.5	2.385	-4.90	62.8	S0409	.07190	10.0552	0.6	A
9022	32583.65	46 54N	29 36E	72.4	189.4	2.385	-5.60	63.6	S0409	.07190	10.0023	0.8	F
9023	32588.85	46 54N	29 36E	72.3	189.4	2.511	-4.90	63.6	S0409	.07190	10.0270	0.8	A
9024	32597.04	45 50N	29 23E	72.3	189.3	2.511	-3.85	64.3	S0409	.07190	10.0187	0.8	F
9025	32602.04	45 50N	29 23E	72.2	189.2	2.511	-3.15	64.3	S0409	.07190	10.0435	1.0	A
9026	32631.25	43 50N	28 34E	72.2	188.9	2.511	-10.85	65.7	S0409	.09670	10.1584	0.4	V
9027	32633.85	43 50N	28 34E	72.9	188.9	2.511	-10.50	65.7	S0409	.09670	9.9445	0.4	A
9028	32804.04	31 47N	25 31E	75.8	187.6	2.872	-17.85	71.7	S0409	.05410	9.5240	0.8	F
9029	32810.04	31 36N	25 9E	80.4	187.5	2.733	-28.35	71.6	S0409	.05410	9.1117	1.2	V
9030	32813.44	31 36N	25 9E	81.1	187.5	2.733	-28.00	71.6	S0409	.05410	8.9550	0.8	A
9031	33093.04	12 0N	21 41E	81.5	186.6	3.439	-28.30	67.0	S0409	.05410	8.9653	1.2	V
9032	33130.44	9 37N	21 44E	80.3	186.5	3.439	0.35	65.8	S0409	.05410	8.9715	1.0	A
9033	33590.44	22 0S	16 1E	99.4	186.9	3.211	-4.20	58.6	S0409	.07190	7.2546	0.6	V
9034	33594.04	22 4S	16 0E	100.8	186.9	3.211	-3.85	58.6	S0409	.07190	7.0584	0.8	A
1085 9001	37931.44	43 50N	5 29E	90.5	190.9	1.810	-38.85	65.2	S0409	.03090	7.9572	0.8	F
9002	37934.64	43 50N	5 28E	89.6	188.9	2.033	-39.20	65.2	S0409	.03090	8.1799	0.6	V
9003	37942.84	43 9N	5 56E	77.0	188.8	2.385	-22.40	66.0	S0409	.07190	9.3838	0.6	F
9004	37945.64	43 0N	5 56E	75.9	188.8	2.385	-22.05	66.0	S0409	.07190	9.6642	0.6	V
9005	38435.84	9 29N	0 0E	85.5	186.5	3.090	16.45	66.0	S0409	.05410	8.4108	1.6	A
9006	38477.44	6 45N	1 34W	90.1	186.5	3.439	-28.35	63.2	S0409	.03090	8.0150	1.0	A
1087 9001	49233.63	4 48S	46 30W	92.8	186.4	3.090	16.45	55.1	S0409	.05410	7.7758	1.2	F
9002	49240.44	4 10S	46 20W	97.8	186.4	2.872	23.10	55.2	S0409	.05410	7.2376	1.0	A
9003	49259.03	5 34S	48 5W	100.4	186.4	3.439	-32.55	53.1	S0409	.05410	7.2316	1.0	V
9004	49286.24	7 14S	48 14W	98.5	186.5	3.574	-27.65	51.8	S0409	.05410	7.2493	0.8	A
9005	49303.44	8 04S	48 8W	92.4	186.5	3.574	-15.05	50.5	S0409	.05410	7.7593	1.0	F
9006	49310.84	8 07S	48 10W	92.7	186.5	3.574	-14.70	50.4	S0409	.05410	7.7264	1.0	A

Handle via
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BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1087 9007	49319.83	9 32S	48 27W	95.6	186.5	3.574	-20.65	49.8	S0409	.05410	7.4955	1.0	A
9008	49326.83	10 16S	48 26W	93.0	186.3	3.439	-16.45	49.2	S0409	.05410	7.8006	1.0	V
9009	49332.63	10 41S	48 24W	91.9	186.5	3.439	-12.25	48.9	S0409	.05410	7.8313	1.2	V
9010	49340.84	10 59S	48 36W	94.9	186.5	3.574	-16.80	48.6	S0409	.05410	7.5449	1.0	A
9011	49341.83	11 41S	49 3W	101.6	186.6	3.574	-27.30	47.8	S0409	.05410	7.0502	1.0	A
9012	49426.43	16 47S	49 54W	103.2	186.7	3.574	-24.15	43.2	S0409	.05410	6.9265	0.8	A
9013	49449.83	20 10S	50 32W	105.5	186.8	3.211	-23.45	40.0	S0409	.05410	6.7533	1.0	F
9014	49484.03	21 14S	50 38W	104.7	186.9	3.211	-21.00	39.1	S0409	.05410	6.8028	1.2	F
9015	49495.23	21 50S	49 32W	106.1	186.9	2.733	17.85	39.0	S0409	.05410	6.7946	1.0	V
9016	49503.83	22 10S	49 56W	102.5	186.9	3.090	7.70	38.7	S0409	.05410	6.9265	1.0	A
9017	49509.83	22 32S	49 36W	109.2	187.0	2.511	21.00	38.2	S0409	.05410	6.6049	1.2	V
9018	49516.63	23 0S	49 55W	105.7	187.0	2.733	13.36	37.9	S0409	.05410	6.7034	1.0	A
9019	49534.43	24 46S	50 15W	105.7	187.0	2.872	11.90	36.3	S0409	.05410	6.7698	1.0	F
9020	49539.43	25 9S	50 8W	109.3	187.1	2.872	17.15	36.0	S0409	.05410	6.5472	1.2	F
9021	49546.43	25 4S	50 9W	110.1	187.1	2.733	17.50	36.1	S0409	.05410	6.4517	0.4	A
9022	49561.63	25 50S	51 38W	108.7	187.2	3.439	-21.00	34.7	S0409	.05410	6.5472	0.8	A
9023	49571.83	26 40S	50 55W	105.2	187.2	3.090	4.55	34.3	S0409	.07190	6.7368	1.2	A
1088 9001	54325.83	10 31N	66 51W	79.9	186.5	3.439	-15.40	66.1	S0409	.05410	9.1664	0.4	V
9002	54328.83	10 31N	66 51W	80.8	186.5	3.439	-14.70	66.1	S0409	.05410	8.9385	0.4	A
9003	54731.03	17 34S	71 20W	97.1	186.7	3.211	1.40	42.8	S0409	.07190	7.3800	1.8	F
9004	54735.23	17 37S	71 20W	96.4	186.7	3.211	2.10	42.8	S0409	.07190	7.5037	0.6	V
9005	54739.63	17 40S	71 22W	97.8	186.7	3.211	1.75	42.8	S0409	.05410	7.2311	0.6	A
1089 9001	59470.83	21 4N	86 53W	76.1	186.9	3.211	-10.15	71.7	S0409	.05410	9.4892	0.8	F
9002	59475.23	20 56N	86 50W	74.8	186.9	3.211	-6.65	71.7	S0409	.07190	9.7796	0.6	V
9003	59479.03	20 56N	86 51W	75.8	186.9	3.211	-6.65	71.7	S0409	.05410	9.5405	0.6	A
1090 9001	64510.23	39 0N	104 48W	71.7	188.3	2.872	4.20	69.0	S0255	.02260	10.1165	0.8	F
9002	64515.43	38 60N	104 49W	71.9	188.2	2.733	4.90	69.0	S0255	.02260	10.0835	0.6	A
9003	64641.43	27 14N	107 34W	72.8	187.2	3.211	-2.10	72.7	S0255	.03150	9.9681	0.8	F
9004	64685.23	26 58N	107 39W	73.5	187.2	3.211	-3.15	72.7	S0255	.03150	9.8692	1.0	F
9005	64691.23	26 56N	107 59W	74.7	187.2	3.090	-13.30	72.5	S0255	.03150	9.6795	0.8	F
9006	64697.63	26 56N	107 47W	73.2	187.1	3.090	-2.10	72.7	S0255	.03150	10.0093	0.6	V
9007	64702.43	25 58N	107 51W	73.2	187.1	3.090	-2.10	72.7	S0255	.03150	10.0093	0.8	V
9008	64706.83	25 40N	107 57W	73.3	187.1	3.090	-3.85	72.7	S0255	.03150	9.9928	0.6	V
9009	64713.03	25 24N	107 45W	75.5	187.1	3.090	7.00	72.9	S0255	.03150	9.5388	0.6	A
9001	64510.23	39 60N	104 48W	71.7	188.3	2.872	4.20	69.0	S0409	.05410	10.1177	0.6	F
9002	64515.43	38 60N	104 49W	71.8	188.2	2.733	4.90	69.0	S0409	.05410	10.0947	0.6	A
9003	64547.23	36 24N	105 40W	71.4	188.0	2.872	-5.25	70.2	S0409	.05410	10.1589	0.6	F
9004	64552.23	36 24N	105 40W	71.3	188.0	2.872	-4.55	70.2	S0409	.05410	10.1672	0.6	A
1091 9001	70694.02	21 40S	138 49W	101.4	186.3	3.439	-13.30	36.7	S0409	.07190	7.0557	1.8	F
9002	70701.42	21 40S	138 50W	101.7	186.3	3.439	-12.60	36.8	S0409	.07190	7.0007	1.8	A
1094 9001	85294.01	68 50N	179 22W	76.8	198.1	1.332	7.35	44.4	S0409	.05410	9.5322	0.6	V
9002	85296.81	68 50N	179 21W	77.7	197.9	1.332	7.70	44.4	S0409	.05410	9.3096	0.6	A
9003	85355.61	64 40N	177 48E	79.3	195.2	1.475	17.85	48.4	S0409	.05410	9.2456	0.6	V
9004	85358.41	64 45N	177 46E	80.4	195.1	1.475	18.20	48.4	S0409	.05410	9.0127	0.6	A
9005	85405.61	61 47N	174 7E	77.2	193.6	1.687	-16.10	51.0	S0409	.05410	9.3420	0.4	A
1095 9001	4561.41	44 24N	146 57E	84.9	189.1	2.385	26.70	65.7	S0409	.04090	8.5674	0.4	F
9002	4564.41	44 24N	146 57E	84.2	189.0	2.385	29.05	65.7	S0409	.04090	8.7139	0.4	V
9003	4574.41	44 0N	145 39E	71.6	188.9	2.511	-5.95	65.6	S0409	.03670	10.2414	0.4	V
9004	4577.01	44 0N	145 39E	72.4	188.9	2.733	-5.95	65.6	S0409	.03670	10.0187	0.4	A
1096 9001	9632.01	62 0N	129 40E	79.0	193.7	1.475	-22.05	50.7	S0409	.05410	9.2849	0.6	V
9002	9635.01	61 60N	129 39E	79.8	193.6	1.475	-22.05	50.7	S0409	.05410	9.1054	0.6	A
9003	9912.41	41 24N	123 26E	74.3	188.6	2.733	10.15	67.3	S0409	.07190	9.7714	0.8	F
9004	9917.61	41 20N	123 27E	74.5	188.6	2.511	11.20	67.3	S0409	.07190	9.7219	1.0	A
9005	9978.81	37 26N	121 23E	77.5	188.1	2.511	-23.10	69.4	S0409	.05410	9.3096	0.8	F
9006	9984.41	37 26N	121 23E	77.1	188.0	2.733	-22.40	69.4	S0409	.05410	9.4333	0.8	A
9007	10072.01	31 6N	121 24E	86.0	187.5	2.511	29.75	72.9	S0409	.05410	8.5345	1.0	V
9008	10075.21	31 2N	121 24E	87.4	187.5	2.511	30.10	72.9	S0409	.05410	8.2623	0.8	A
9009	10117.01	28 10N	119 46E	73.5	187.3	3.211	-9.10	72.5	S0409	.07190	9.8621	0.4	A
9010	10143.01	26 0N	119 15E	75.3	187.2	3.090	-13.30	72.5	S0409	.07190	9.5382	0.6	F
9011	10148.41	26 0N	119 15E	75.1	187.1	3.211	-12.25	72.5	S0409	.07190	9.6477	0.6	A
9012	10164.41	25 2N	118 44E	79.9	187.1	3.090	-24.15	72.1	S0409	.05410	9.0869	0.6	A
9013	10569.01	3 16S	114 36E	90.2	186.4	3.211	11.90	55.8	S0409	.05410	8.0067	0.8	F
9014	10571.21	3 16S	114 36E	89.5	186.4	3.211	12.25	55.8	S0409	.05410	8.1304	0.8	V
9015	10577.41	3 45S	114 46E	95.1	186.4	2.872	21.35	55.5	S0409	.05410	7.6321	1.0	V
9016	10581.01	3 40S	114 47E	97.0	186.4	2.872	22.05	55.5	S0409	.05410	7.3535	0.8	A
9017	10631.01	7 16S	112 45E	99.7	186.3	3.439	-30.10	51.6	S0409	.05410	7.2311	0.4	V
9018	10634.61	7 16S	112 44E	100.8	186.3	3.439	-29.75	51.7	S0409	.05410	7.1326	0.4	A
9019	10638.61	7 40S	112 43E	98.1	186.5	3.439	-28.00	51.2	S0409	.05410	7.4048	0.6	V
9020	10642.21	7 40S	112 43E	99.0	186.5	3.439	-27.30	51.2	S0409	.05410	7.2646	0.6	A
1097 9001	14997.01	57 17N	106 33E	74.3	192.0	2.033	7.70	55.1	S0409	.07190	9.7549	0.8	F
9002	15002.21	57 17N	106 33E	74.3	191.8	2.033	8.40	55.1	S0409	.07190	9.7466	1.0	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1097 9003	15010.41	56 40N	105 40E	73.7	191.7	2.033	-8.40	55.4	S0409	.05410	9.8473	0.8	A
9004	15052.61	53 47N	104 7E	74.5	190.9	2.033	-17.50	57.9	S0409	.07190	9.8373	0.4	V
9005	15055.21	53 40N	104 7E	75.2	190.8	2.033	-17.15	57.9	S0409	.07190	9.6477	0.4	A
9006	15065.01	52 41N	104 32E	73.4	190.6	2.170	4.90	59.0	S0409	.07190	9.8766	0.4	F
9007	15069.61	52 20N	104 13E	72.9	190.6	2.170	-1.05	59.2	S0409	.07190	9.9445	0.8	F
9008	15074.81	52 20N	104 13E	72.8	190.5	2.170	-0.35	59.2	S0409	.07190	9.9610	0.8	A
9009	15124.01	48 36N	103 20E	76.4	189.7	2.385	15.40	62.4	S0409	.07190	9.5075	0.4	F
9010	15129.61	48 36N	103 25E	75.4	189.7	2.385	14.70	62.4	S0409	.07190	9.6964	0.6	A
9011	15200.41	42 50N	101 20E	70.9	188.8	2.511	1.40	66.4	S0409	.07190	10.3486	0.4	V
9012	15212.01	42 50N	101 20E	71.8	188.7	2.733	1.40	66.4	S0409	.07190	10.1012	0.4	A
9013	15235.01	41 0N	100 32E	72.4	188.5	2.733	-10.15	67.5	S0409	.07190	10.0105	0.8	F
9014	15240.21	41 0N	100 32E	72.2	188.5	2.733	-9.45	67.5	S0409	.07190	10.0317	0.8	A
9015	15247.21	40 56N	100 59E	74.1	188.4	2.511	11.90	68.2	S0409	.07190	9.7549	0.4	A
1098 5001	20312.80	56 44N	84 56E	82.6	191.8	2.033	24.50	55.7	S0255	.03150	8.8056	2.0	F
5002	20339.20	55 0N	84 0E	73.3	191.3	2.170	-4.55	56.9	S0255	.03150	9.8609	0.8	F
9001	20335.60	55 20N	83 11E	73.4	191.3	2.170	-2.45	56.7	S0409	.07190	9.8703	0.4	F
9002	20338.80	55 7N	83 1E	73.4	191.3	2.170	-4.55	56.9	S0409	.07190	9.8621	1.6	F
9003	20344.00	55 0N	83 0E	73.3	191.2	2.170	-4.20	56.9	S0409	.07190	9.9335	2.0	A
9004	20351.00	54 56N	83 16E	74.7	191.0	2.170	9.45	57.4	S0409	.07190	9.6972	0.4	A
9005	20365.60	53 9N	83 23E	82.3	190.3	2.170	24.85	58.8	S0409	.05410	8.8396	0.6	F
9006	20369.60	53 9N	83 23E	81.5	190.7	2.170	25.20	58.8	S0409	.05410	9.0127	0.6	V
9007	20372.80	52 56N	83 7E	79.0	190.7	2.170	21.70	59.0	S0409	.05410	9.2941	0.6	V
9008	20378.20	52 20N	82 51E	78.9	190.6	2.170	19.95	59.5	S0409	.07190	9.2189	0.6	F
9009	20381.20	52 19N	82 51E	78.1	190.5	2.170	20.30	59.5	S0409	.07190	9.4003	0.4	V
9010	20392.40	51 42N	81 13E	75.1	190.3	2.033	-18.55	59.6	S0409	.07190	9.7631	0.4	V
9011	20395.00	51 40N	81 13E	75.8	190.3	2.033	-18.20	59.6	S0409	.07190	9.5417	0.6	A
9012	20406.00	50 57N	80 30E	80.9	190.1	1.810	-27.65	60.4	S0409	.05410	8.9138	0.6	F
9013	20409.00	50 56N	80 30E	79.7	190.1	2.033	-27.65	60.4	S0409	.05410	9.1341	0.6	V
9014	20419.20	49 56N	81 8E	72.6	189.9	2.385	-1.05	61.5	S0409	.07190	9.9858	0.6	F
9015	20422.00	49 37N	81 8E	71.7	189.9	2.385	-0.70	61.5	S0409	.07190	10.2431	0.4	V
9016	20424.80	49 15N	81 2E	72.5	189.9	2.385	-0.35	61.8	S0409	.07190	9.9940	0.4	F
9017	20427.40	49 15N	81 2E	71.7	189.8	2.385	0.00	61.8	S0409	.07190	10.2414	0.4	V
9018	20430.00	49 15N	81 2E	72.5	189.8	2.385	0.35	61.8	S0409	.07190	10.0023	0.4	A
9019	20433.80	48 59N	81 2E	72.6	189.7	2.385	2.80	62.0	S0409	.07190	9.9775	0.6	A
9020	20445.00	47 56N	80 26E	72.4	189.6	2.385	-5.60	62.8	S0409	.05410	10.0105	0.6	F
9021	20450.20	47 56N	80 27E	72.2	189.5	2.385	-4.55	62.8	S0409	.05410	10.0435	0.6	A
9022	20467.60	46 15N	80 51E	79.9	189.3	2.385	22.40	64.4	S0409	.05410	9.0952	0.8	F
9023	20473.20	46 14N	80 51E	80.4	189.3	2.170	23.45	64.4	S0409	.05410	9.0127	1.0	A
9024	20490.20	44 50N	78 59E	76.4	189.1	2.385	-23.45	64.8	S0409	.05410	9.4580	0.6	F
9025	20501.80	43 17N	80 1E	76.2	188.9	2.385	16.45	65.7	S0409	.07190	9.4992	1.6	A
9026	20522.00	42 50N	79 24E	72.7	188.7	2.511	9.10	66.6	S0409	.07190	9.9693	0.6	A
9027	20571.80	39 42N	78 14E	71.9	188.3	2.733	-1.05	68.6	S0409	.07190	10.0947	0.4	A
9028	20672.40	32 19N	75 45E	83.6	187.6	2.511	-31.50	71.2	S0409	.04090	8.6169	0.8	F
9029	20675.40	32 19N	75 44E	82.4	187.6	2.511	-31.15	71.3	S0409	.04090	8.8408	0.8	V
9030	20684.60	31 24N	76 22E	73.2	187.5	3.090	-2.10	72.1	S0409	.05410	9.9033	1.0	F
9031	20688.80	31 20N	76 22E	73.2	187.5	3.090	-1.40	72.1	S0409	.05410	9.8951	1.0	A
9032	20780.80	24 54N	75 36E	80.6	187.1	2.872	21.00	73.1	S0409	.05410	9.0952	0.4	V
9033	20783.60	24 54N	75 37E	82.1	187.1	2.872	21.70	73.2	S0409	.05410	8.7383	0.4	A
9034	20851.60	20 0N	73 53E	75.4	186.8	3.211	-11.90	71.3	S0409	.07190	9.6807	0.6	V
9035	20854.40	20 0N	73 52E	76.5	186.8	3.439	-11.90	71.3	S0409	.05410	9.4563	0.6	A
9036	20871.00	18 56N	73 46E	76.1	186.8	3.439	-5.25	70.8	S0409	.05410	9.5075	0.8	F
9037	20876.40	18 54N	73 46E	76.2	186.8	3.439	-4.20	70.9	S0409	.05410	9.4928	1.0	A
1099 5001	25609.80	59 11N	60 57E	85.2	192.1	1.687	-31.50	54.0	S0255	.03150	8.5417	0.6	A
5002	25617.00	57 10N	60 7E	94.1	191.9	1.332	-39.55	54.7	S0255	.03150	7.6677	0.8	F
5003	25744.40	49 44N	58 6E	75.2	189.7	2.170	-19.60	62.0	S0255	.03150	9.7455	0.8	V
5004	25747.20	48 54N	58 3E	75.6	189.7	2.170	-19.25	62.1	S0255	.03150	9.7620	0.6	V
9001	25556.80	61 10N	63 9E	77.5	193.4	1.475	-17.85	51.4	S0409	.05410	9.3013	0.8	F
9002	25562.40	61 10N	63 9E	77.3	193.3	1.687	-17.50	51.4	S0409	.05410	9.3920	0.8	A
9003	25622.40	56 50N	60 38E	81.9	191.8	1.687	-27.65	55.2	S0409	.05410	9.8066	0.8	F
9004	25625.40	56 50N	60 38E	80.7	191.7	1.687	-27.30	55.2	S0409	.05410	9.0869	0.8	V
9005	25642.00	56 10N	60 41E	77.0	191.6	1.810	-21.00	55.8	S0409	.07190	9.3756	0.8	F
9006	25647.60	56 12N	60 41E	76.5	191.5	1.810	-20.30	55.8	S0409	.07190	9.4928	0.8	A
9007	25649.80	55 4N	60 45E	73.5	191.2	2.033	-7.35	56.9	S0409	.07190	9.8573	0.4	F
9008	25651.40	55 2N	60 45E	72.6	191.2	2.033	-7.00	56.9	S0409	.07190	10.1012	0.4	V
9009	25654.20	55 1N	60 44E	73.4	191.1	2.033	-7.00	57.0	S0409	.07190	9.8868	0.4	A
9010	25675.60	53 0N	60 58E	78.2	190.8	2.170	16.55	58.8	S0409	.07190	9.2931	0.6	F
9011	25678.40	53 0N	60 58E	77.4	190.7	2.170	16.90	58.8	S0409	.07190	9.4910	0.6	V
9012	25681.20	53 0N	60 58E	78.4	190.7	2.170	19.25	58.8	S0409	.07190	9.2456	0.4	A
9013	25685.40	52 56N	60 57E	75.2	190.6	2.170	14.35	59.2	S0409	.07190	9.7661	0.4	V
9014	25688.00	52 56N	60 57E	76.2	190.5	2.170	14.70	59.1	S0409	.07190	9.5157	0.6	A
9015	25699.00	51 55N	59 59E	74.0	190.4	2.385	7.70	60.0	S0409	.07190	9.8048	0.6	F
9016	25701.80	51 54N	59 58E	73.1	190.3	2.170	8.05	60.0	S0409	.07190	10.0435	0.6	V
9017	25708.00	51 8N	59 39E	72.1	190.2	2.385	2.45	60.3	S0409	.07190	10.1754	0.4	V
9018	25710.80	51 7N	59 38E	73.0	190.2	2.385	2.80	60.3	S0409	.07190	9.9563	1.2	A
9019	25714.80	50 51N	59 37E	73.2	190.1	2.385	4.90	60.5	S0409	.07190	9.8951	0.4	A
9020	25715.80	50 48N	59 35E	73.2	190.1	2.385	4.90	60.6	S0409	.07190	9.8951	0.6	A
9021	25747.20	48 54N	58 3E	75.0	189.7	2.170	-19.25	62.1	S0409	.07190	9.7601	0.6	V
9022	25750.00	48 54N	58 3E	75.8	189.6	2.385	-19.25	62.1	S0409	.07190	9.5417	0.4	A
9023	25807.80	44 0N	57 38E	72.9	189.0	2.511	3.85	65.7	S0409	.07190	9.9520	0.8	F
9024	25813.00	44 3N	57 38E	72.9	188.9	2.511	4.55	65.7	S0409	.07190	9.9363	0.8	A
9025	25840.00	39 10N	55 26E	77.7	188.5	2.511	-23.45	68.4	S0409	.05410	9.2391	0.6	F
9026	26041.80	26 51N	53 22E	73.5	187.2	4.090	0.70	72.8	S0409	.07190	9.9493	1.0	V

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1099 9027	26083.60	25 10N	52 54E	74.6	187.1	3.211	-5.60	72.6	S0409	.07190	9.7054	1.0	F
9028	26089.00	25 10N	52 54E	74.7	187.1	3.211	-4.55	72.6	S0409	.07190	9.6972	0.8	A
1100 9001	30936.40	56 29N	38 6E	85.8	191.7	1.475	-32.55	55.5	S0255	.03150	8.4098	0.6	F
9002	30942.60	56 29N	38 6E	85.3	191.5	1.687	-32.20	55.5	S0255	.03150	8.5170	0.6	A
9003	30949.00	55 56N	38 9E	79.8	191.4	1.687	-24.85	56.3	S0255	.03150	9.0529	0.6	F
9004	30994.20	52 40N	39 28E	92.4	190.6	1.810	35.70	59.3	S0255	.03150	7.8409	0.6	A
9001	30704.40	71 54N	52 22E	85.8	201.1	1.332	24.15	41.8	S0409	.07190	8.4438	0.6	F
9002	30707.40	71 54N	52 22E	84.8	200.9	1.113	24.50	41.8	S0409	.07190	8.6252	0.6	V
9003	30840.60	62 53N	41 46E	79.4	194.2	1.332	-21.00	49.9	S0409	.07190	9.0952	0.8	F
9004	30846.20	62 56N	41 46E	79.0	194.0	1.475	-20.65	49.9	S0409	.07190	9.1777	1.0	A
9005	30913.60	57 47N	40 59E	79.7	192.2	2.033	19.95	54.7	S0409	.07190	9.1117	0.6	F
9006	30920.80	57 50N	39 57E	72.7	192.0	2.033	-1.75	54.8	S0409	.09670	10.0765	0.4	V
9007	30923.40	57 50N	39 56E	73.5	191.9	2.033	-1.75	54.8	S0409	.09670	9.8621	0.6	A
9008	30929.60	57 14N	39 24E	74.3	191.8	2.034	-10.85	55.0	S0409	.07190	9.7549	0.4	A
9009	30936.40	56 26N	38 6E	85.9	191.7	1.475	-32.55	55.5	S0409	.05410	8.4104	0.4	F
9010	30942.60	56 26N	38 6E	85.3	191.5	1.687	-32.20	55.5	S0409	.05410	8.5180	0.4	A
9011	30948.80	55 56N	38 9E	79.8	191.4	1.687	-24.85	56.3	S0409	.07190	9.0548	1.0	F
9012	30954.60	55 56N	38 9E	79.2	191.3	1.810	-24.15	56.3	S0409	.07190	9.1529	1.0	A
9013	30983.60	53 9N	38 15E	73.2	190.8	2.170	2.10	58.6	S0409	.07190	9.9033	0.6	F
9014	31024.40	50 57N	36 38E	74.9	190.1	2.170	-18.20	60.5	S0409	.07190	9.7961	0.6	V
9015	31027.20	50 57N	36 38E	75.5	190.1	2.170	-17.85	60.5	S0409	.07190	9.6064	0.4	A
9016	31031.00	49 59N	36 17E	77.5	190.0	2.170	-22.40	60.9	S0409	.07190	9.3096	0.6	F
9017	31033.80	49 59N	36 17E	76.4	190.0	2.170	-22.05	60.9	S0409	.07190	9.5900	0.6	V
9018	31037.80	49 42N	36 17E	75.3	189.9	2.170	-19.60	61.2	S0409	.07190	9.7301	0.4	V
9019	31040.40	49 40N	36 16E	76.0	189.9	2.170	-19.25	61.2	S0409	.07190	9.5578	0.4	A
9020	31048.40	48 57N	36 22E	72.4	189.8	2.385	-16.50	61.9	S0409	.07190	10.1259	0.6	V
9021	31051.20	48 56N	36 22E	73.2	189.7	2.385	-10.15	61.9	S0409	.07190	9.9190	0.6	A
9022	31056.00	48 47N	36 0E	74.0	189.7	2.170	-16.45	62.2	S0409	.07190	9.9033	0.6	V
9023	31058.80	48 47N	36 0E	74.7	189.6	2.385	-16.45	62.2	S0409	.07190	9.7136	0.4	A
9024	31064.80	47 54N	35 20E	81.5	189.5	2.170	-20.45	62.5	S0409	.05410	8.9797	0.8	V
9025	31067.80	47 54N	35 20E	82.2	189.5	2.170	-20.10	62.5	S0409	.05410	8.8313	0.8	A
9026	31076.00	46 53N	35 19E	77.9	189.4	2.170	-23.45	63.3	S0409	.07190	9.2601	0.8	F
9027	31081.60	46 53N	35 19E	77.5	189.3	2.385	-23.10	63.3	S0409	.07190	9.3756	0.8	A
9028	31100.60	45 12N	35 12E	73.6	189.1	2.385	-12.60	64.7	S0409	.07190	9.8291	0.8	F
9029	31105.80	45 12N	35 12E	73.4	189.1	2.511	-11.90	64.7	S0409	.07190	9.8951	0.8	A
9030	31109.60	44 57N	35 5E	73.6	189.0	2.511	-13.30	64.9	S0409	.07190	9.8641	0.4	A
9031	31246.00	35 47N	33 37E	76.6	187.9	2.733	20.65	71.2	S0409	.05410	9.3343	0.6	V
9032	31250.40	35 12N	33 22E	76.0	187.8	2.733	13.65	71.1	S0409	.05410	9.5137	0.6	A
9033	31305.00	31 26N	32 19E	73.5	187.5	2.872	6.65	72.3	S0409	.07190	9.9775	0.4	V
9034	31307.60	31 17N	32 19E	74.5	187.5	2.872	7.00	72.3	S0409	.07190	9.7136	0.4	A
9035	31312.20	30 56N	32 6E	73.9	187.5	3.090	3.50	72.4	S0409	.04090	9.8126	0.6	F
9036	31320.80	30 5N	31 16E	79.4	187.4	2.872	-24.85	71.9	S0409	.05410	9.0869	1.0	F
9037	31326.40	30 5N	31 15E	79.0	187.4	2.872	-24.15	71.9	S0409	.05410	9.1777	1.0	A
9038	31332.80	29 49N	31 2E	80.9	187.4	2.733	-26.95	72.0	S0409	.04090	8.9220	0.8	F
9039	31338.60	29 49N	31 2E	80.2	187.3	2.872	-25.90	72.0	S0409	.04090	9.0375	0.8	A
9040	32161.20	27 44S	21 28E	106.2	187.2	3.090	3.50	33.4	S0409	.07190	6.7203	0.8	F
9041	32165.20	27 43S	21 30E	105.5	187.2	2.872	4.90	33.4	S0409	.07190	6.8275	0.6	V
9042	32169.00	27 44S	21 28E	106.9	187.3	3.090	4.20	33.4	S0409	.07190	6.6214	0.6	A
1101 9001	36289.59	53 19N	14 59E	82.6	190.5	1.687	-29.40	58.2	S0255	.03150	8.7478	1.0	F
9001	36275.79	54 14N	15 42E	77.2	191.0	1.810	-20.30	57.5	S0409	.07190	9.3591	0.6	F
9002	36281.19	54 14N	15 42E	77.0	190.9	2.033	-20.30	57.5	S0409	.07190	9.4338	1.0	A
9003	36296.39	53 41N	15 27E	75.4	190.7	2.033	-16.80	58.4	S0409	.07190	9.6312	0.6	A
9004	36301.59	52 27N	15 21E	74.2	190.6	2.170	-12.95	59.1	S0409	.07190	9.7466	0.6	F
9005	36304.39	52 26N	15 20E	73.3	190.5	2.170	-12.95	59.1	S0409	.07190	10.0023	0.4	V
9006	36309.79	52 0N	15 7E	74.0	190.4	2.170	-15.75	59.3	S0409	.07190	9.8951	0.6	V
9007	36312.59	52 0N	15 6E	74.8	190.4	2.170	-15.40	59.3	S0409	.07190	9.7054	0.4	A
9008	36320.39	51 13N	14 16E	82.4	190.3	1.810	-29.75	59.9	S0409	.05410	8.7489	0.8	F
9009	36326.39	51 12N	14 16E	81.9	190.2	2.033	-29.40	59.9	S0409	.05410	8.8908	0.8	A
9010	36349.99	49 0N	14 21E	73.0	189.8	2.385	-9.80	61.8	S0409	.07190	9.9115	1.0	F
9011	36355.39	49 7N	14 21E	72.8	189.8	2.385	-9.10	61.8	S0409	.07190	9.9693	0.8	A
9012	36564.19	34 46N	10 42E	72.9	187.8	2.872	-3.50	71.0	S0409	.07190	9.9445	1.4	A
9013	36888.39	12 12N	6 42E	81.2	186.6	3.090	13.30	67.8	S0409	.05410	8.9962	0.8	V
1102 9001	42192.79	12 34N	15 12W	85.8	186.6	2.872	19.95	68.1	S0409	.05410	8.3778	1.0	A
9002	42199.39	11 53N	15 35W	79.9	186.6	3.090	8.75	67.5	S0409	.05410	9.1447	0.6	V
9003	42202.39	11 53N	15 35W	81.2	186.6	3.090	9.45	67.5	S0409	.05410	8.8643	0.4	A
1103 9001	47731.19	3 55S	40 45W	87.3	186.4	3.574	-5.95	55.0	S0409	.05410	8.2376	0.8	F
9002	47749.39	5 10S	40 41W	89.1	186.4	3.439	5.25	54.1	S0409	.05410	8.0809	1.0	F
9003	47758.99	5 45S	41 33W	95.3	186.4	3.574	-25.20	53.5	S0409	.05410	7.5449	0.8	A
9004	47795.99	7 49S	41 54W	94.8	186.5	3.574	-21.35	51.3	S0409	.05410	7.5614	1.0	A
9005	47991.19	21 40S	43 23W	104.3	186.9	3.090	13.30	39.1	S0409	.05410	6.8605	1.0	F
9006	48003.59	22 42S	44 39W	106.3	186.9	3.439	-21.70	38.0	S0409	.05410	6.7059	0.6	F
9007	48007.59	22 42S	44 38W	105.0	186.9	3.439	-21.00	38.0	S0409	.05410	6.8778	0.4	V
9008	48013.79	22 50S	44 27W	101.8	187.0	3.439	-12.60	37.7	S0409	.07190	7.0842	1.2	V
9009	48018.19	22 53S	44 27W	103.2	187.0	3.439	-11.90	37.6	S0409	.07190	6.9048	0.6	A
9010	48025.59	23 24S	45 4W	112.0	187.0	3.439	-26.95	37.0	S0409	.05410	6.3658	1.0	A
1104 9001	53000.58	8 30S	62 54W	92.9	186.4	3.574	-25.90	57.1	S0409	.05410	7.7428	1.0	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1104 9002	53105.98	9 40S	63 53W	91.8	186.5	3.574	-13.30	50.7	S0409	.05410	7.8088	1.0	F
9003	53112.78	8 41S	63 53W	91.8	186.5	3.574	-11.90	50.7	S0409	.05410	7.7923	1.0	A
9004	53159.98	12 24S	64 13W	93.2	186.6	3.439	-8.70	47.5	S0409	.05410	7.7016	0.8	F
9005	53197.78	14 40S	64 57W	95.0	186.6	3.439	-11.55	45.3	S0409	.07190	7.6192	1.0	V
9006	53201.38	14 44S	64 58W	96.2	186.6	3.439	-11.20	45.3	S0409	.07190	7.4213	1.0	A
9007	53584.98	41 10S	70 52W	119.7	188.5	2.733	-16.10	20.3	S0409	.04090	5.9122	1.0	F
9008	53593.78	41 10S	70 52W	120.0	188.6	2.872	-15.40	20.3	S0409	.04090	5.8793	1.0	A
1105 5001	57963.38	22 6N	80 30W	76.1	186.9	3.211	-12.25	71.9	S0255	.03150	9.4899	0.6	F
5002	57966.18	22 6N	80 30W	75.3	186.9	3.211	-11.90	71.9	S0255	.03150	9.7290	0.6	V
9001	57950.38	22 58N	80 0W	75.3	187.0	3.211	1.75	72.4	S0409	.07190	9.6312	0.4	F
9002	57955.38	22 56N	79 55W	76.5	187.0	3.211	8.05	72.4	S0409	.05410	9.4824	0.4	F
9003	57956.38	22 56N	79 56W	76.6	186.9	3.211	8.05	72.4	S0409	.05410	9.4928	0.6	F
9004	57963.38	22 6N	80 30W	76.2	186.9	3.211	-12.25	71.9	S0409	.05410	9.4910	0.6	F
9005	57966.18	22 6N	80 31W	75.3	186.9	3.211	-11.90	71.9	S0409	.07190	9.7301	0.6	V
9006	58153.58	8 50N	82 47W	80.3	186.5	3.439	-8.40	65.2	S0409	.05410	8.9860	0.6	F
9007	58160.18	8 27N	82 25W	83.1	186.5	3.211	11.20	65.2	S0409	.05410	8.7159	0.6	F
9008	58163.18	8 27N	82 25W	82.4	186.5	3.211	11.55	65.2	S0409	.05410	8.8643	0.6	V
9009	58166.58	8 26N	82 26W	83.6	186.5	3.211	11.90	65.2	S0409	.05410	8.6004	0.8	A
1106 5001	63309.98	19 7N	103 11W	76.8	186.8	3.211	-12.95	70.9	S0255	.03150	9.4157	0.8	F
5002	63317.58	18 45N	102 52W	75.2	186.5	3.211	3.50	71.1	S0255	.03150	9.7372	1.0	V
5003	63327.18	18 16N	101 58W	102.2	186.7	2.170	38.85	71.8	S0255	.02260	7.0494	1.2	A
9001	63166.18	29 1N	101 3W	73.7	187.3	3.090	-5.05	72.4	S0409	.07190	9.8291	0.8	F
9002	63173.98	28 44N	101 46W	80.9	187.3	2.733	-29.05	72.8	S0409	.05410	9.0548	1.0	V
9003	63182.78	27 56N	101 31W	75.0	187.3	3.090	-14.00	72.4	S0409	.07190	9.6394	1.0	F
9004	63187.18	27 37N	101 25W	74.1	187.2	3.090	-9.45	72.5	S0409	.07190	9.7796	0.8	A
9005	63191.38	27 46N	101 30W	74.4	187.2	3.090	-10.85	72.5	S0409	.07190	9.7486	1.0	A
9006	63200.78	26 9N	101 27W	73.8	187.2	3.211	-3.50	72.7	S0409	.07190	9.8126	0.6	A
1107 5001	68346.98	37 27N	122 2W	81.3	188.1	2.385	-29.75	69.2	S0255	.03150	8.8385	0.8	F
5002	68349.98	37 27N	122 2W	80.6	188.1	2.385	-29.40	69.2	S0255	.03150	9.1024	0.6	V
5003	68352.98	37 26N	122 2W	81.4	188.0	2.385	-29.05	69.2	S0255	.03150	8.9340	0.8	A
9001	68346.98	37 27N	122 2W	81.8	188.1	2.385	-29.75	69.2	S0409	.05410	8.8396	0.6	F
9002	68352.78	37 27N	122 2W	81.3	188.0	2.385	-29.05	69.2	S0409	.05410	8.9550	0.8	A
1111 9001	3016.56	48 54N	154 15E	78.6	189.8	2.170	21.70	62.3	S0409	.07190	9.3426	0.6	V
9002	3019.36	48 54N	154 15E	79.7	189.7	2.170	22.05	62.3	S0409	.07190	9.0969	0.6	A
9003	3026.76	48 6N	153 17E	72.7	189.5	2.511	0.70	62.6	S0409	.05410	9.9775	0.4	F
9004	3029.36	48 6N	153 17E	71.8	189.5	2.511	1.05	62.6	S0409	.05410	10.2166	0.4	V
9005	3031.96	48 7N	153 17E	72.7	189.6	2.511	1.40	62.7	S0409	.05410	9.9775	0.4	A
9006	3041.96	47 8N	152 17E	76.4	189.5	2.170	-20.65	63.1	S0409	.05410	9.4498	0.4	F
9007	3044.76	47 8N	152 17E	75.4	189.4	2.385	-20.65	63.1	S0409	.05410	9.7249	0.4	V
9008	3047.36	47 8N	152 17E	76.1	189.4	2.385	-20.30	63.1	S0409	.05410	9.5487	0.4	A
1112 5001	8434.16	41 56N	128 25E	81.1	188.6	2.385	-30.10	66.6	S0255	.02260	8.9787	0.6	A
9001	8462.16	40 14N	128 39E	72.9	188.4	2.733	-9.45	68.0	S0409	.07190	9.9280	0.8	F
9002	8467.36	40 14N	128 39E	72.8	188.4	2.733	-8.75	68.0	S0409	.09670	9.9775	0.8	A
9003	8473.56	39 47N	128 11E	73.7	188.2	2.733	-13.30	68.8	S0409	.07190	9.8126	0.6	F
9004	8478.96	39 46N	128 12E	73.4	188.2	2.733	-12.25	68.8	S0409	.07190	9.8868	0.6	A
9005	8507.56	36 27N	127 24E	77.0	188.0	2.733	-22.05	69.4	S0409	.05410	9.3920	0.8	F
9006	8513.16	36 27N	127 23E	76.6	187.9	2.733	-21.35	69.9	S0409	.05410	9.4828	0.8	A
9007	9178.56	9 42S	119 16E	91.6	186.5	3.574	-8.95	50.2	S0409	.05410	7.8171	1.0	A
1113 9001	13668.76	46 36N	108 20E	72.0	189.4	2.511	-7.00	63.7	S0409	.05410	10.0517	0.6	F
9002	13673.96	46 36N	108 20E	71.9	189.3	2.511	-6.30	63.7	S0409	.05410	10.0930	0.6	A
9003	13680.16	46 8N	108 37E	73.0	189.2	2.511	7.70	64.2	S0409	.07190	9.9280	0.8	A
9004	13802.16	37 20N	106 7E	72.0	188.1	2.872	0.70	69.6	S0409	.07190	10.0682	1.0	F
9005	13807.36	37 20N	106 8E	72.1	188.1	2.872	1.75	69.8	S0409	.07190	10.0517	0.8	A
9006	13889.76	31 37N	104 19E	74.5	187.5	2.872	-17.85	71.7	S0409	.07190	9.8208	0.4	V
9007	13892.56	31 37N	104 19E	75.4	187.5	3.090	-17.85	71.7	S0409	.07190	9.6312	0.4	A
9008	13900.36	30 42N	104 7E	75.9	187.5	2.872	-18.55	71.9	S0409	.05410	9.5157	0.6	F
9009	13905.76	30 42N	104 8E	75.6	187.4	3.090	-17.85	71.9	S0409	.07190	9.5982	0.8	A
9010	13926.56	28 57N	104 39E	78.7	187.3	2.872	17.85	73.0	S0409	.05410	9.2354	0.6	F
9011	13932.16	28 56N	104 39E	79.1	187.3	2.872	18.55	73.0	S0409	.05410	9.1364	0.8	A
9012	13972.56	25 57N	102 50E	81.4	187.1	2.872	-30.45	72.0	S0409	.05410	8.9797	0.6	V
9013	13975.56	25 57N	102 50E	82.1	187.1	2.872	-30.10	72.0	S0409	.05410	8.8313	0.6	A
9014	13986.76	24 57N	102 48E	78.1	187.1	3.090	-24.50	72.1	S0409	.05410	9.3838	0.6	V
9015	13989.56	24 57N	102 48E	78.8	187.1	3.090	-24.15	72.1	S0409	.05410	9.2024	0.6	A
1114 9001	18799.76	58 31N	92 8E	84.8	192.4	1.010	26.95	54.1	S0409	.05410	8.5757	0.8	F
9002	18805.76	58 31N	92 8E	84.5	192.3	1.687	26.95	54.1	S0409	.05410	8.5674	0.6	A
9003	18836.96	56 26N	90 33E	77.0	191.6	2.033	15.40	55.9	S0409	.07190	9.4085	0.4	A
9004	18845.16	55 54N	89 50E	74.2	191.4	2.033	6.65	56.6	S0409	.07190	9.7796	0.6	F
9005	18846.76	55 54N	89 50E	74.8	191.4	2.033	9.45	56.8	S0409	.07190	9.6972	1.4	F
9006	18853.96	55 26N	89 51E	75.0	191.2	2.033	10.50	56.8	S0409	.07190	9.6642	1.6	A
9007	18857.76	55 4N	89 44E	74.8	191.2	2.033	10.15	57.0	S0409	.07190	9.6972	0.6	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1114 9008	18859.16	54 56N	89 42E	74.8	191.1	2.033	10.15	57.1	S0409	.07190	9.6984	0.4	A
9009	19012.76	44 20N	85 47E	71.5	189.0	2.511	1.05	65.4	S0409	.07190	10.2661	0.8	V
9010	19020.36	44 2N	85 22E	72.3	188.9	2.511	-10.15	65.5	S0409	.05410	10.0552	0.8	A
9011	19045.76	41 44N	86 9E	88.8	188.6	2.385	32.90	67.7	S0409	.04090	8.2046	0.8	F
9012	19470.95	12 37N	78 50E	78.6	186.6	3.439	-8.05	67.6	S0409	.05410	9.1341	0.6	F
9013	19473.75	12 37N	78 50E	77.7	186.6	3.439	-7.70	67.6	S0409	.07190	9.4085	0.6	V
9014	19529.35	9 47N	78 9E	79.8	186.5	3.439	-7.70	65.1	S0409	.05410	9.1447	0.8	V
9015	19532.35	9 47N	78 9E	80.8	186.5	3.439	-7.35	65.1	S0409	.05410	8.9220	0.6	A
1115 5001	24294.55	46 2N	63 20E	78.8	189.3	2.170	-25.20	63.9	S0255	.03150	9.1583	1.2	F
5002	24298.55	45 58N	63 18E	77.9	189.2	2.170	-25.20	63.9	S0255	.03150	9.4074	0.6	V
5003	24301.55	45 57N	63 17E	78.7	189.2	2.385	-25.20	63.9	S0255	.03150	9.2508	0.6	A
9001	23956.75	68 56N	75 51E	75.4	198.0	1.332	1.05	44.3	S0409	.07190	9.7136	0.6	V
9002	23959.55	68 56N	75 51E	76.3	197.9	1.332	1.40	44.4	S0409	.07190	9.4992	0.6	A
9003	24210.15	51 43N	66 7E	73.2	190.4	2.385	3.85	59.8	S0409	.07190	9.9063	0.4	F
9004	24214.75	51 47N	66 7E	73.7	190.3	2.385	6.65	60.0	S0409	.07190	9.8456	0.6	F
9005	24218.95	51 48N	66 9E	73.9	190.3	2.170	9.05	60.0	S0409	.07190	9.8208	0.6	A
9006	24222.95	50 59N	66 9E	74.4	190.2	2.170	12.60	60.5	S0409	.07190	9.8766	0.6	V
9007	24225.75	50 59N	66 9E	75.3	190.2	2.170	12.95	60.5	S0409	.07190	9.6312	0.6	A
9008	24294.55	46 2N	63 20E	78.8	189.3	2.170	-25.20	63.9	S0409	.07190	9.1594	0.6	F
9009	24305.35	45 40N	63 18E	77.1	189.1	2.385	-22.40	64.2	S0409	.07190	9.4250	0.8	A
9010	24415.15	37 42N	61 50E	72.5	188.1	2.872	-3.85	69.5	S0409	.05410	9.9940	0.8	F
9011	24420.35	37 42N	61 50E	72.5	188.1	2.872	-2.80	69.6	S0409	.05410	10.0023	0.8	A
1116 5001	29563.15	48 56N	44 30E	99.8	189.7	1.810	41.65	62.8	S0255	.02260	7.3527	1.0	V
9001	29282.95	67 39N	53 2E	76.3	197.1	1.332	9.10	45.6	S0409	.07190	9.6147	0.6	V
9002	29285.75	67 38N	53 3E	77.2	196.9	1.332	9.45	45.6	S0409	.07190	9.3920	0.6	A
9003	29374.75	61 24N	48 6E	74.4	193.5	1.810	-1.40	51.3	S0409	.07190	9.7501	1.0	F
9004	29380.15	61 24N	48 5E	74.3	193.4	1.687	-1.05	51.3	S0409	.07190	9.7651	1.0	A
9005	29451.15	56 11N	46 7E	76.8	191.6	2.170	12.60	56.1	S0409	.07190	9.5670	0.6	F
9006	29453.95	56 10N	46 7E	75.2	191.6	2.170	12.95	56.1	S0409	.07190	9.7714	0.4	V
9007	29456.75	56 10N	46 7E	76.1	191.5	2.170	13.30	56.1	S0409	.07190	9.5240	0.4	A
9008	29464.15	55 56N	45 58E	78.5	191.4	2.170	18.55	56.9	S0409	.07190	9.2501	0.6	F
9009	29466.95	55 56N	45 58E	77.7	191.3	2.170	18.90	56.9	S0409	.07190	9.4498	0.6	V
9010	29479.75	54 55N	45 11E	74.8	191.1	2.170	9.80	57.7	S0409	.07190	9.7054	0.6	F
9011	29485.15	54 55N	45 11E	74.9	191.0	2.170	10.50	57.7	S0409	.07190	9.6307	0.6	A
9012	29498.35	53 7N	45 14E	79.6	190.7	2.033	22.75	58.8	S0409	.07190	9.2169	0.8	V
9013	29501.15	53 7N	45 14E	80.5	190.7	2.033	22.75	58.8	S0409	.07190	8.9962	0.8	A
9014	29514.95	51 56N	43 18E	75.9	190.4	2.033	-18.20	59.4	S0409	.07190	9.5422	0.6	F
9015	29521.15	51 54N	43 30E	73.2	190.3	2.170	-8.40	59.8	S0409	.07190	9.8868	0.6	F
9016	29526.35	51 54N	43 30E	73.0	190.3	2.170	-7.70	59.8	S0409	.07190	9.9363	0.8	A
9017	29542.75	49 50N	43 21E	72.9	190.0	2.385	2.10	61.2	S0409	.07190	9.9445	0.4	F
9018	29545.35	49 50N	43 21E	72.1	190.0	2.385	2.45	61.2	S0409	.07190	10.1937	0.4	V
9019	29550.55	49 47N	43 41E	75.9	189.9	2.170	14.70	61.5	S0409	.07190	9.5487	0.6	A
9020	29579.15	47 36N	42 14E	72.9	189.3	2.385	-8.05	63.0	S0409	.07190	9.9563	1.0	F
9021	29584.35	47 36N	42 14E	72.8	189.3	2.385	-7.35	63.0	S0409	.07190	9.9775	1.0	A
9022	29591.15	46 44N	41 49E	73.9	189.4	2.385	-13.30	63.5	S0409	.07190	9.7961	0.8	F
9023	29604.75	45 52N	42 36E	77.3	189.2	2.385	19.60	64.6	S0409	.07190	9.4310	0.6	V
9024	29607.55	45 50N	42 36E	78.3	189.2	2.385	19.95	64.6	S0409	.07190	9.2271	0.6	A
9025	29613.15	45 49N	42 4E	74.5	189.1	2.511	11.55	65.0	S0409	.07190	9.7549	0.8	F
9026	29619.35	45 48N	41 59E	73.7	189.1	2.511	9.40	65.0	S0409	.07190	9.8291	1.4	A
9027	29626.35	44 56N	41 59E	74.8	189.0	2.511	12.60	65.4	S0409	.07190	9.6807	0.4	A
9028	29631.35	44 55N	42 1E	76.9	188.9	2.385	17.15	65.7	S0409	.07190	9.4005	0.6	A
9029	29645.15	43 1N	40 59E	72.6	188.8	2.511	-6.65	66.3	S0409	.07190	9.9775	0.8	F
9030	29650.35	43 1N	40 59E	72.5	188.7	2.733	-6.30	66.3	S0409	.07190	10.0023	0.8	A
9031	29660.75	42 13N	41 42E	81.3	188.5	2.385	24.50	67.2	S0409	.05410	8.8408	0.8	A
9032	29665.95	41 59N	41 37E	81.8	188.5	2.385	26.25	67.6	S0409	.05410	8.9633	0.6	V
9033	29669.75	41 56N	41 34E	82.4	188.5	2.385	25.90	67.7	S0409	.05410	8.7571	0.6	A
9034	29755.15	35 24N	38 34E	80.9	187.9	2.733	-28.70	69.9	S0409	.05410	8.9797	1.0	A
9035	29797.15	32 50N	38 12E	75.2	187.6	2.872	-17.50	71.4	S0409	.04090	9.6064	1.0	F
9036	30243.95	0 21N	32 35E	84.9	186.4	3.439	-2.80	58.6	S0409	.05410	8.4956	0.8	F
9037	30270.15	0 21N	32 35E	85.3	186.4	3.439	-1.75	58.6	S0409	.05410	8.4190	0.8	A
9038	30645.35	25 40S	27 57E	103.6	187.1	3.211	-0.35	55.2	S0409	.07190	6.8353	1.2	F
9039	30649.15	25 40S	27 56E	102.7	187.1	3.211	-0.35	55.2	S0409	.07190	7.0390	1.2	V
9040	30652.95	25 40S	27 57E	104.3	187.1	3.211	0.70	55.2	S0409	.07190	6.6028	0.8	A
9041	30656.95	25 17S	27 45E	102.8	187.2	3.211	-2.45	54.7	S0409	.07190	7.0090	0.6	V
9042	30660.75	26 17S	27 46E	104.3	187.2	3.211	-1.75	54.7	S0409	.07190	6.8028	0.6	A
9043	30697.35	28 49S	28 3E	116.0	187.3	2.385	20.65	52.6	S0409	.05410	6.0772	1.2	A
1117 5001	34564.95	69 20N	32 23E	76.6	198.4	1.332	4.55	43.8	S0255	.04150	9.4734	0.6	A
9001	34375.95	80 30N	58 0E	80.2	223.9	0.417	-1.05	32.1	S0409	.09670	8.9880	0.6	F
9002	34381.75	80 30N	58 1E	80.0	222.3	0.417	-0.70	32.1	S0409	.09670	9.0292	0.6	A
9003	34712.55	59 22N	24 6E	77.7	192.7	1.687	-19.60	53.0	S0409	.07190	9.2931	0.4	F
9004	34715.35	59 22N	24 7E	76.6	192.6	1.687	-19.25	53.0	S0409	.07190	9.5452	0.4	V
9005	34718.15	59 22N	24 7E	77.3	192.5	1.687	-16.90	53.0	S0409	.07190	9.3920	0.4	A
9006	34725.15	58 27N	24 29E	73.8	192.4	2.033	-1.05	54.0	S0409	.07190	9.8126	0.8	F
9007	34730.35	58 27N	24 30E	73.7	192.2	2.033	-0.35	54.0	S0409	.07190	9.8473	1.0	A
9008	34742.55	57 13N	24 21E	75.2	191.9	2.033	9.80	55.1	S0409	.07190	9.6394	0.8	F
9009	34747.95	57 13N	24 21E	75.2	191.8	2.033	10.15	55.1	S0409	.07190	9.6312	0.8	A
9010	34754.75	56 59N	23 19E	73.2	191.7	2.033	-9.80	55.5	S0409	.07190	10.0105	0.6	V
9011	34757.55	56 59N	23 18E	74.0	191.6	2.033	-9.80	55.5	S0409	.07190	9.8043	0.6	A
9012	34842.55	50 54N	22 3E	77.6	190.1	2.170	19.95	60.9	S0409	.07190	9.4580	0.4	V

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY LAT DG MIN	LONG DG MIN	FRAME START SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1117 9013	34845.35	50 04N	22 3E	78.7	190.1	2.170	20.30	60.9	S0409	.07190	9.2024	0.4	A
9014	34863.75	49 4N	20 18E	74.3	189.8	2.170	-17.15	61.7	S0409	.07190	9.6559	0.6	F
9015	34869.35	49 39N	20 32E	72.5	189.7	2.385	-5.95	62.1	S0409	.07190	9.9858	0.4	F
9016	34875.75	49 26N	20 3E	74.5	189.7	2.170	-18.20	62.2	S0409	.07190	9.8291	0.4	V
9017	34882.15	47 57N	20 27E	70.0	189.6	2.385	-1.40	62.7	S0409	.07190	10.4888	0.4	V
9018	34888.95	47 29N	20 46E	74.6	189.5	2.385	13.65	63.3	S0409	.07190	9.8573	0.6	V
9019	34891.75	47 45N	20 46E	75.6	189.5	2.385	14.00	63.3	S0409	.07190	9.5817	0.4	A
9020	34900.95	46 50N	19 46E	73.0	189.3	2.385	-9.45	63.7	S0409	.07190	9.9198	0.6	F
9021	34907.15	46 16N	19 19E	75.7	189.3	2.385	-21.35	63.7	S0409	.07190	9.6889	0.6	V
9022	34909.95	46 16N	19 19E	76.4	189.2	2.385	-21.00	63.7	S0409	.07190	9.5075	0.6	A
9023	34920.95	45 16N	19 50E	72.1	189.1	2.511	4.90	64.8	S0409	.07190	10.1672	0.4	V
9024	34923.55	45 16N	19 50E	73.0	189.1	2.511	5.25	64.8	S0409	.07190	9.9198	0.4	A
9025	34948.35	43 19N	17 52E	89.9	188.8	1.810	-37.80	65.5	S0409	.03090	8.0067	1.0	F
9026	34959.95	42 27N	18 42E	72.7	188.7	2.733	-7.70	66.6	S0409	.09670	9.9610	0.6	F
9027	34965.15	42 27N	18 42E	72.6	188.7	2.733	-7.00	66.6	S0409	.09670	9.9940	0.6	A
9028	35122.35	31 14N	16 26E	74.5	187.5	3.090	7.00	72.3	S0409	.07190	9.7301	0.8	F
9029	35129.55	31 0N	16 37E	77.5	187.5	2.872	15.75	72.5	S0409	.04090	9.5178	1.0	A
9030	35156.95	29 13N	16 1E	75.1	187.3	2.872	8.40	72.7	S0409	.04090	9.6229	1.0	A
9031	35227.75	24 12N	14 34E	74.3	187.0	3.211	-10.50	72.3	S0409	.07190	9.8456	0.6	V
9032	35627.15	3 20S	10 40E	100.9	186.4	2.733	28.00	56.8	S0409	.05410	7.1904	1.0	V
111A 9001	40163.14	49 48N	1 52W	77.3	189.9	2.033	-23.80	61.1	S0409	.07190	9.4745	0.6	V
9002	40165.94	49 48N	1 52W	78.0	189.9	2.033	-23.45	61.1	S0409	.07190	9.3096	0.6	A
9003	40389.34	34 0N	4 60W	73.6	187.7	2.872	9.45	71.4	S0409	.07190	9.9610	0.4	V
9004	40393.54	33 59N	4 59W	75.2	187.7	2.872	11.90	71.5	S0409	.04090	9.6229	1.0	A
9005	40399.74	33 59N	5 8W	73.8	187.7	2.872	9.10	71.6	S0409	.04090	9.8126	1.0	A
1119 9001	46272.74	5 54S	35 10W	90.9	186.4	3.574	-16.10	53.1	S0409	.05410	7.8995	0.6	F
9002	46275.94	5 55S	35 10W	89.9	186.5	3.574	-15.75	53.1	S0409	.05410	8.0809	0.8	V
9003	46279.34	5 54S	35 10W	90.9	186.5	3.574	-15.05	53.1	S0409	.05410	7.8995	0.6	A
9004	46306.34	8 0S	34 53W	91.4	186.5	3.211	9.10	51.6	S0409	.05410	7.9490	0.4	V
9005	46309.54	8 2S	34 53W	92.8	186.5	3.211	9.45	51.6	S0409	.05410	7.7016	0.6	A
1120 9001	51406.34	5 51N	55 11W	83.4	186.5	3.439	-15.05	62.8	S0409	.05410	8.6417	0.6	F
9002	51409.34	5 51N	55 11W	82.4	186.4	3.439	-14.35	62.8	S0409	.05410	8.8561	0.6	V
9003	51413.54	5 50N	55 10W	83.2	186.4	3.439	-13.30	62.8	S0409	.05410	8.6664	0.4	A
9004	51660.74	11 20S	58 21W	95.0	186.5	3.439	-19.25	48.2	S0409	.05410	7.6357	1.0	V
9005	51698.54	14 15S	58 29W	94.3	186.6	3.439	-6.65	45.8	S0409	.05410	7.6027	0.8	F
9006	51703.94	14 20S	58 15W	94.1	186.6	3.211	3.85	45.8	S0409	.07190	7.7016	0.6	V
9007	51711.34	14 24S	57 42W	106.1	186.6	2.733	24.50	45.6	S0409	.05410	8.8193	1.0	V
9008	51765.74	19 17S	59 46E	103.8	186.8	3.574	-22.75	41.8	S0409	.05410	8.6935	1.4	A
9009	52265.34	51 30S	69 17W	148.3	190.5	2.511	-33.25	9.9	S0409	.09670	4.7413	1.0	A
9010	52292.94	53 44S	67 43W	126.8	190.9	2.033	2.80	8.5	S0409	.09670	5.4340	1.0	A
1121 5001	56671.13	8 30N	75 28W	80.4	186.5	3.439	-8.70	65.0	S0255	.03150	8.9952	1.0	F
5002	56678.33	8 11N	75 18W	81.4	186.5	3.211	9.10	64.9	S0255	.03150	8.9705	1.0	V
5003	56685.33	7 52N	75 31W	80.4	186.5	3.439	3.85	64.5	S0255	.03150	9.0774	0.6	V
5004	56690.33	7 39N	75 38W	81.3	186.5	3.439	0.35	64.3	S0255	.03150	8.8633	1.0	A
9001	56498.53	20 40N	74 56W	81.4	186.8	3.090	-26.25	71.1	S0409	.05410	8.9980	1.0	V
9002	56505.33	19 50N	75 7W	84.1	186.8	3.090	-28.70	70.8	S0409	.05410	8.5674	0.6	F
9003	56509.33	19 50N	75 6W	82.7	186.8	3.090	-28.00	70.8	S0409	.05410	8.8478	0.6	V
9004	56512.13	19 50N	75 5W	82.8	186.8	3.090	-26.25	70.9	S0409	.05410	8.7654	0.4	A
9005	56707.73	8 11S	78 29W	89.1	186.4	3.439	-20.65	57.9	S0409	.05410	8.0727	0.8	F
9006	56800.93	8 11S	79 29W	88.0	186.4	3.439	-20.30	57.9	S0409	.05410	8.2706	0.8	V
9007	56804.33	8 11S	79 30W	87.8	186.4	3.439	-20.65	57.9	S0409	.05410	8.2129	0.6	A
9008	56857.93	9 10S	79 36W	101.2	186.4	3.211	-33.25	54.2	S0409	.03090	7.0667	0.6	F
9009	56882.13	9 37S	79 36W	91.9	186.4	3.211	12.25	53.8	S0409	.05410	7.7758	0.6	A
9010	56896.33	7 6S	78 29W	99.0	186.5	2.872	24.15	52.7	S0409	.03090	7.2893	1.2	F
9011	56904.33	7 9S	78 28W	102.3	186.5	2.733	25.55	52.6	S0409	.03090	6.9595	0.6	A
9012	56918.13	9 0S	79 1W	93.8	186.5	3.090	12.25	51.6	S0409	.05410	7.6109	0.6	A
1122 5001	61861.13	17 0N	97 50W	87.0	186.7	2.872	-31.85	69.5	S0255	.02260	8.2696	0.8	F
5002	61853.93	16 52N	97 53W	87.6	186.7	2.872	-32.20	69.4	S0255	.02260	8.2119	1.0	F
5003	61861.33	16 42N	97 25W	77.5	186.7	3.439	-12.60	69.8	S0255	.03150	9.3580	1.0	A
9001	61571.13	36 17N	93 9W	72.5	188.0	2.872	-1.05	70.3	S0409	.05410	10.0185	0.6	F
9002	61576.33	36 17N	93 9W	72.5	187.9	2.872	0.00	70.3	S0409	.05410	9.9940	0.6	A
9003	61817.33	19 32N	96 50W	75.2	186.8	3.211	-10.85	71.1	S0409	.07190	9.7584	0.6	V
9004	61820.13	19 32N	96 50W	76.9	186.8	3.439	-10.50	71.1	S0409	.07190	9.5240	0.6	A
9005	61834.13	18 32N	96 45W	76.8	186.8	3.211	1.40	70.9	S0409	.05410	9.4168	0.6	A
1123 9001	66808.13	40 49N	114 2W	72.0	188.5	2.733	3.15	67.8	S0409	.05410	10.0682	0.6	F
9002	66813.33	40 49N	114 2W	72.1	188.4	2.733	3.85	67.9	S0409	.05410	10.0517	0.6	A
1127 5001	1400.92	57 20N	161 43E	83.0	192.0	1.475	-28.70	54.6	S0255	.03150	8.6901	1.0	F
5002	1406.92	57 20N	161 42E	82.9	191.8	1.687	-28.70	54.6	S0255	.03150	8.7808	1.0	A
5003	1417.32	56 20N	160 51E	90.1	191.6	1.332	-36.40	55.5	S0255	.02260	8.0058	0.6	F
5004	1423.72	56 20N	160 51E	89.7	191.5	1.687	-36.40	55.5	S0255	.02260	8.1130	0.6	A
9001	1375.72	59 0N	163 50E	74.3	192.6	1.810	2.45	53.5	S0409	.09670	9.7384	0.4	F

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1127 9002	1378.52	50 59N	163 50E	73.5	192.5	1.810	2.80	53.5	S0409	.0967U	9.9858	0.4	V
9003	1382.32	58 34N	163 34E	74.1	192.4	1.810	1.40	53.9	S0409	.0967U	9.7714	0.4	F
9004	1384.92	58 34N	163 34E	73.3	192.3	1.810	1.75	53.9	S0409	.0967U	10.0105	0.4	U
9005	1392.92	57 57N	162 3E	81.8	192.1	1.475	-26.60	54.2	S0409	.0541U	8.8148	0.4	F
9006	1395.72	57 56N	162 3E	80.6	192.1	1.687	-26.60	54.2	S0409	.0541U	9.0952	0.6	V
9007	2488.92	16 54S	145 46E	101.8	186.7	3.574	-21.00	43.1	S0409	.0719U	7.0254	0.6	A
1128 5001	6838.51	48 56N	136 21E	85.3	189.7	1.810	-34.30	61.5	S0255	.0226U	8.5747	0.4	V
5002	6841.51	48 56N	136 21E	86.2	189.7	2.033	-34.30	61.5	S0255	.0226U	8.4510	0.4	A
9001	6813.51	50 22N	137 34E	74.7	190.1	2.170	-15.40	60.6	S0409	.0719U	9.6807	1.0	F
9002	6814.91	50 22N	137 34E	74.4	190.0	2.385	-15.05	60.7	S0409	.0719U	9.7631	0.6	A
9003	6910.71	43 55N	135 32E	74.7	188.9	2.385	-19.25	65.4	S0409	.0719U	9.8126	0.4	V
9004	6913.51	43 54N	135 31E	75.5	188.9	2.385	-18.90	65.4	S0409	.0719U	9.6412	0.4	A
9005	7512.71	2 4N	128 19E	95.7	186.4	2.872	25.55	60.5	S0409	.0409U	7.5779	0.6	F
1129 5001	12361.91	33 56N	111 3E	75.4	187.7	2.872	-18.90	70.9	S0255	.0315U	9.5888	0.6	F
5002	12367.31	33 56N	111 3E	75.1	187.7	2.872	-17.85	70.9	S0255	.0315U	9.6795	0.6	A
9001	11807.51	71 40N	128 55E	76.5	200.7	0.986	-4.55	41.7	S0409	.0967U	9.5692	0.4	V
9002	11810.31	71 40N	128 54E	77.4	200.5	0.986	-4.55	41.7	S0409	.0967U	9.4591	0.4	A
9003	12092.51	52 22N	116 50E	73.2	190.6	2.170	4.20	59.2	S0409	.0541U	9.9053	1.4	F
9004	12097.71	52 22N	116 50E	73.2	190.5	2.170	4.90	59.2	S0409	.0541U	9.9053	1.4	A
9005	12113.11	51 5N	115 27E	77.1	190.2	2.033	-21.70	60.0	S0409	.0541U	9.3673	0.8	F
9006	12118.51	51 4N	115 26E	76.8	190.2	2.170	-21.35	60.0	S0409	.0541U	9.4498	0.8	A
9007	12124.71	50 54N	115 50E	72.5	190.1	2.385	-5.60	60.6	S0409	.0719U	10.0105	0.4	A
9008	12155.11	48 10N	114 40E	75.2	189.6	2.170	-18.20	62.3	S0409	.0541U	9.6064	0.8	F
9009	12160.51	48 10N	114 39E	74.9	189.6	2.385	-17.85	62.3	S0409	.0541U	9.6972	0.8	A
9010	12262.91	41 0N	114 9E	85.6	188.5	2.170	30.45	68.1	S0409	.0409U	8.4520	0.4	A
9011	12273.91	40 7N	113 18E	73.3	188.4	2.733	11.20	68.4	S0409	.0719U	10.0105	2.6	V
9012	12278.71	39 56N	113 15E	74.1	188.4	2.733	11.20	68.4	S0409	.0719U	9.7651	0.6	A
9013	12288.91	38 59N	112 10E	74.6	188.3	2.733	-19.95	68.5	S0409	.0719U	9.6972	0.4	F
9014	12293.91	38 56N	111 45E	81.2	188.2	2.511	-31.50	68.4	S0409	.0541U	9.0210	0.4	V
9015	12296.71	38 55N	111 45E	81.8	188.2	2.511	-31.15	68.4	S0409	.0541U	8.8726	0.4	A
9016	12306.91	37 52N	112 30E	71.6	188.1	2.872	2.80	69.5	S0409	.0719U	10.2414	0.4	V
9017	12309.51	37 52N	112 30E	72.5	188.1	2.872	3.15	69.5	S0409	.0719U	9.9940	0.4	A
9018	12442.51	28 41N	110 21E	73.9	187.3	3.090	0.70	72.6	S0409	.0719U	9.8126	0.6	F
9019	12447.71	28 42N	110 21E	74.0	187.3	3.090	1.40	72.6	S0409	.0719U	9.7796	1.0	A
9020	12444.91	25 40N	109 28E	75.1	187.1	3.211	-11.90	72.4	S0409	.0719U	9.6229	0.8	F
9021	12490.31	25 40N	109 28E	75.0	187.1	3.211	-10.85	72.4	S0409	.0719U	9.6559	0.8	A
1130 9001	17228.11	64 8N	99 34E	76.6	194.8	1.332	-13.65	48.8	S0409	.0719U	9.4353	0.8	F
9002	17233.71	64 8N	99 34E	76.3	194.6	1.475	-13.30	48.8	S0409	.0719U	9.4992	0.8	A
9003	17342.91	56 24N	95 29E	76.0	191.6	1.810	-16.80	55.6	S0409	.0719U	9.4992	0.6	F
9004	17347.31	56 16N	95 39E	73.4	191.6	1.810	-10.85	55.8	S0409	.0719U	9.9858	0.4	V
9005	17349.91	56 16N	95 39E	74.2	191.5	2.033	-10.85	55.8	S0409	.0719U	9.7796	0.4	A
9006	17569.11	40 56N	69 57E	87.2	188.5	2.033	-36.05	67.0	S0409	.0409U	8.2623	0.6	F
9007	17572.31	40 56N	69 57E	85.8	188.5	2.033	-35.70	67.1	S0409	.0409U	8.5445	0.6	V
9008	17611.51	38 17N	90 53E	75.6	188.2	2.733	17.85	69.5	S0409	.0719U	9.5652	0.6	A
9009	17774.11	26 42N	88 19E	79.0	187.2	3.090	16.80	73.1	S0409	.0541U	9.1941	0.8	F
9010	17779.91	26 42N	88 19E	79.7	187.2	2.872	18.20	73.1	S0409	.0541U	9.0622	0.8	A
1131 9001	22458.90	69 10N	81 30E	77.9	198.4	1.113	-12.60	44.0	S0409	.0719U	9.2684	1.0	F
9002	22464.50	69 10N	81 30E	77.6	198.1	1.113	-12.25	44.0	S0409	.0719U	9.3261	1.0	A
9003	22569.10	62 8N	77 37E	77.6	193.7	1.687	14.70	50.7	S0409	.0719U	9.3261	0.6	A
9004	22670.30	54 6UN	73 34E	73.6	191.3	2.170	2.80	57.0	S0409	.0541U	9.8538	0.8	F
9005	22675.50	55 0N	73 34E	73.5	191.2	2.033	3.50	57.0	S0409	.0541U	9.8538	0.8	A
9006	22708.30	52 28N	72 2E	74.1	190.6	2.170	-12.60	59.0	S0409	.0719U	9.7561	0.6	F
9007	22711.10	52 27N	72 2E	73.1	190.5	2.170	-12.25	59.0	S0409	.0719U	10.0270	0.6	V
9008	22742.10	50 18N	71 45E	71.8	190.0	2.385	1.40	60.9	S0409	.0541U	10.2084	0.4	V
9009	22744.70	50 18N	71 45E	72.7	190.0	2.385	1.75	60.9	S0409	.0541U	9.9775	0.4	A
9010	22790.90	46 56N	70 50E	72.3	189.4	2.511	6.30	63.6	S0409	.0541U	10.1507	0.4	V
9011	22793.50	46 57N	70 50E	73.2	189.4	2.511	6.65	63.6	S0409	.0541U	9.9053	0.4	A
9012	22838.30	43 46N	69 10E	74.1	188.9	2.511	-18.20	65.5	S0409	.0719U	9.8868	0.4	V
9013	22854.70	42 20N	68 48E	75.7	188.7	2.511	-19.60	66.4	S0409	.0719U	9.5405	0.4	F
9014	22857.30	42 20N	68 48E	74.7	188.7	2.511	-19.25	66.4	S0409	.0719U	9.8126	0.6	V
9015	22867.50	41 9UN	69 24E	73.9	188.6	2.733	9.45	67.4	S0409	.0719U	9.8208	0.4	F
9016	22870.10	41 19N	69 20E	73.9	188.6	2.733	9.10	67.6	S0409	.0719U	9.8391	0.6	F
9017	22872.90	41 19N	69 19E	73.0	188.5	2.733	9.10	67.6	S0409	.0719U	10.0547	0.4	V
9018	22875.50	41 19N	69 19E	73.8	188.5	2.733	9.10	67.6	S0409	.0719U	9.8043	1.2	A
9019	22881.70	40 51N	69 37E	80.2	188.5	2.511	23.10	68.1	S0409	.0541U	9.0292	0.4	A
9020	22887.10	40 16N	69 41E	84.1	188.4	2.385	29.05	68.6	S0409	.0409U	8.7241	0.6	V
9021	22890.30	40 15N	69 41E	85.4	188.4	2.385	29.40	68.6	S0409	.0409U	8.9603	0.4	A
9022	22910.10	38 45N	68 45E	73.0	188.2	2.733	12.60	69.2	S0409	.0719U	10.0517	0.6	V
9023	22914.70	38 47N	68 47E	75.8	188.2	2.733	15.05	69.3	S0409	.0541U	9.5405	0.8	A
9024	22940.70	37 15N	67 26E	77.2	188.1	2.511	-22.40	69.4	S0409	.0719U	9.3508	0.6	F
9025	22933.50	37 15N	67 26E	76.2	188.0	2.733	-22.40	69.4	S0409	.0719U	9.6229	0.6	V
9026	23014.10	31 51N	65 53E	84.6	187.5	2.511	-32.20	71.4	S0409	.0409U	8.5674	0.6	F
9027	23016.90	31 52N	65 52E	83.0	187.5	2.511	-32.20	71.3	S0409	.0409U	8.8066	0.8	V
9028	23019.90	31 52N	65 51E	84.2	187.5	2.733	-32.55	71.3	S0409	.0409U	8.6417	0.8	A
1132 5001	27933.90	57 56N	53 17E	77.6	192.2	2.033	16.10	54.6	S0255	.0315U	9.3497	0.6	F
5002	27936.70	57 56N	53 17E	76.7	192.1	1.810	16.45	54.6	S0255	.0315U	9.5641	0.6	V

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1132 5003	28002.30	53 22N	50 13E	74.5	190.8	2.033	-13.65	58.2	S0255	.03150	9.7207	0.6	F
5004	28005.10	53 22N	50 12E	73.5	190.7	2.033	-13.30	58.2	S0255	.03150	9.9763	0.6	V
5005	28010.70	53 1N	49 42E	77.4	190.7	2.033	-23.10	58.4	S0255	.03150	9.4734	0.8	V
5006	28077.10	48 16N	48 32E	73.8	189.7	2.385	-12.95	62.3	S0255	.03150	9.7950	0.4	F
5007	28082.30	48 16N	48 32E	73.7	189.6	2.385	-12.25	62.3	S0255	.03150	9.8527	0.4	A
9001	27758.10	69 47N	61 36E	77.8	198.9	1.332	12.25	43.5	S0409	.07190	9.4168	0.6	V
9002	27760.90	69 47N	61 35E	78.5	198.7	1.113	12.25	43.5	S0409	.05410	9.2271	0.6	A
9003	27779.90	68 49N	57 60E	84.0	197.6	1.113	-26.25	44.3	S0409	.04090	8.6417	0.4	A
9004	27805.50	66 58N	57 10E	76.9	196.4	1.332	-12.60	46.4	S0409	.07190	9.3856	0.6	F
9005	27813.10	66 29N	57 12E	76.1	196.0	1.332	-9.45	46.6	S0409	.07190	9.5240	0.6	A
9006	27824.90	65 14N	57 17E	76.4	195.5	1.475	8.40	47.8	S0409	.07190	9.4663	0.6	F
9007	27827.90	65 12N	57 17E	75.6	195.4	1.475	9.10	47.9	S0409	.07190	9.6972	0.4	V
9008	27831.90	65 0N	57 9E	76.1	195.3	1.475	7.70	47.9	S0409	.05410	9.5240	0.6	A
9009	27845.10	64 25N	55 10E	78.9	194.8	1.475	-19.95	48.5	S0409	.07190	9.2324	0.4	A
9010	27934.70	57 52N	53 17E	76.7	192.1	1.810	16.45	54.6	S0409	.07190	9.5672	0.6	V
9011	27939.50	57 52N	53 17E	77.7	192.1	1.810	16.80	54.6	S0409	.07190	9.3261	0.6	A
9012	27950.90	56 52N	53 11E	81.3	191.8	1.810	24.50	55.5	S0409	.07190	9.0375	0.4	V
9013	27953.90	56 52N	53 11E	82.4	191.7	1.810	24.85	55.5	S0409	.07190	8.7301	0.8	A
9014	27959.70	56 31N	52 30E	76.1	191.6	2.033	13.30	55.7	S0409	.07190	9.5157	0.4	A
9015	27965.70	55 50N	52 20E	76.1	191.5	2.033	15.40	56.3	S0409	.07190	9.6494	0.8	V
9016	27971.70	55 42N	52 18E	77.7	191.4	2.033	17.15	56.5	S0409	.07190	9.5178	0.6	A
9017	28002.30	53 22N	50 12E	74.5	190.8	2.033	-13.65	58.2	S0409	.07190	9.7219	0.6	F
9018	28014.50	52 57N	49 37E	79.0	190.6	2.033	-24.50	58.4	S0409	.07190	9.1341	0.6	A
9019	28064.30	49 5N	49 31E	74.3	189.8	2.385	9.45	61.9	S0409	.07190	9.7714	0.6	F
9020	28069.70	49 3N	49 31E	74.5	189.8	2.385	10.50	62.0	S0409	.07190	9.7219	0.6	A
9021	28076.90	48 16N	48 32E	73.9	189.7	2.385	-12.95	62.3	S0409	.07190	9.7961	0.4	F
9022	28082.30	48 16N	48 32E	73.6	189.6	2.385	-12.25	62.3	S0409	.07190	9.8558	0.4	A
9023	28097.30	46 51N	48 20E	72.6	189.4	2.511	-5.60	63.5	S0409	.07190	9.9693	1.0	F
9024	28102.50	46 51N	48 20E	72.6	189.3	2.511	-5.25	63.5	S0409	.07190	9.9340	1.6	A
9025	28108.10	46 16N	48 1E	72.3	189.3	2.511	-10.50	63.8	S0409	.07190	10.1542	0.8	V
9026	28112.10	46 12N	48 2E	72.9	189.2	2.511	-8.40	63.9	S0409	.07190	9.9510	0.4	A
9027	28139.10	43 50N	47 38E	72.5	188.9	2.733	-1.40	65.6	S0409	.09670	9.9940	0.6	F
9028	28144.30	43 50N	47 38E	72.5	188.9	2.511	-0.35	65.6	S0409	.09670	10.0023	0.6	A
9029	28154.10	43 50N	47 39E	74.0	188.8	2.733	8.75	66.5	S0409	.07190	9.8343	0.8	F
9030	28159.50	43 54N	47 39E	74.3	188.7	2.511	10.15	66.5	S0409	.07190	9.7466	0.6	A
9031	28177.50	41 50N	46 25E	75.4	188.6	2.511	-19.25	67.1	S0409	.04090	9.5817	0.6	F
9032	28180.30	41 50N	46 25E	74.4	188.5	2.511	-16.90	67.1	S0409	.04090	9.8558	0.6	V
9033	28186.90	40 44N	46 22E	74.3	188.3	2.511	-15.75	67.6	S0409	.07190	9.7219	0.8	F
9034	28189.90	40 40N	46 21E	73.3	188.3	2.511	-15.40	67.6	S0409	.07190	9.9940	0.4	V
9035	28191.70	40 36N	46 19E	73.1	188.4	2.511	-15.40	67.7	S0409	.05410	10.0270	0.6	V
9036	28201.70	40 0N	46 16E	74.8	188.4	2.733	11.90	68.4	S0409	.07190	9.6724	0.6	A
9037	28212.70	38 59N	45 37E	73.8	188.0	2.511	-25.90	68.4	S0409	.05410	9.1612	0.6	F
9038	28227.30	38 16N	45 60E	72.0	188.1	2.872	-6.65	69.1	S0409	.07190	10.0642	0.6	A
9039	28233.30	37 51N	45 56E	72.0	188.1	2.872	-3.15	69.6	S0409	.07190	10.0092	0.6	F
9040	28238.50	37 31N	45 56E	71.9	188.1	2.872	-2.10	69.6	S0409	.07190	10.0765	0.6	A
9041	28245.70	36 40N	45 8E	77.7	188.0	2.511	-24.50	69.6	S0409	.05410	9.2549	0.6	F
9042	28248.50	36 40N	45 8E	76.7	188.0	2.733	-24.50	69.6	S0409	.07190	9.5602	0.6	V
9043	28259.50	36 2N	45 53E	73.6	187.9	2.872	9.10	70.5	S0409	.07190	9.8573	1.0	A
9044	28274.90	34 57N	45 30E	73.8	187.8	2.872	6.30	71.1	S0409	.07190	9.8573	0.8	F
9045	28280.10	34 50N	45 30E	74.0	187.8	2.872	7.35	71.1	S0409	.07190	9.7796	0.6	A
9046	28288.30	33 46N	44 41E	75.6	187.7	2.872	-17.50	71.0	S0409	.07190	9.5552	0.4	F
9047	28290.90	33 40N	44 41E	74.6	187.7	2.872	-17.15	71.0	S0409	.07190	9.8291	0.6	V
9048	28296.10	33 14N	44 31E	76.3	187.7	2.872	-19.25	71.2	S0409	.05410	9.4563	0.6	F
9049	28298.90	33 10N	44 31E	75.3	187.7	2.872	-18.90	71.2	S0409	.07190	9.7584	0.6	V
9050	28305.10	32 50N	44 38E	74.1	187.6	3.090	-12.25	71.4	S0409	.04090	9.7379	0.8	A
9051	28318.70	32 2N	44 25E	74.4	187.5	3.090	-12.95	71.7	S0409	.07190	9.7966	1.0	A
9052	28525.50	17 44N	41 60E	77.5	186.7	3.211	5.10	70.6	S0409	.07190	9.6178	0.6	A
9053	28606.10	11 46N	41 5E	80.9	186.6	3.439	8.75	67.4	S0409	.05410	8.9550	1.0	F
9054	28647.90	9 8N	40 11E	79.5	186.5	3.439	-9.10	65.3	S0409	.05410	9.1559	0.6	V
9055	29070.50	19 46S	34 50E	100.7	186.8	3.439	-15.40	40.6	S0409	.07190	7.1739	0.6	V
9056	29074.10	19 46S	34 50E	102.0	186.8	3.439	-15.05	40.6	S0409	.07190	6.9925	0.6	A
9057	29104.90	21 59S	35 19E	106.0	186.9	2.872	13.30	39.0	S0409	.05410	6.6356	1.0	A
9058	29147.70	25 6S	33 39E	107.2	187.1	3.211	-19.60	35.6	S0409	.05410	6.7121	0.6	V
1133 5001	33328.30	52 19N	26 47E	86.7	190.5	1.687	-35.35	58.8	S0255	.03150	8.4510	1.0	V
5002	33331.50	52 16N	26 47E	87.3	190.4	1.687	-35.00	58.8	S0255	.03150	8.3556	0.8	A
9001	33078.10	69 50N	37 20E	76.2	198.1	1.332	-5.95	44.4	S0409	.09670	9.4745	0.8	F
9002	33083.50	69 50N	37 20E	76.1	197.8	1.332	-5.60	44.4	S0409	.09670	9.5240	0.8	A
9003	33113.30	66 30N	34 56E	77.2	196.8	1.332	-13.65	46.5	S0409	.09670	9.3508	0.8	F
9004	33118.90	66 6N	34 56E	76.9	196.1	1.332	-13.30	46.5	S0409	.09670	9.4164	0.6	A
9005	33193.30	61 50N	31 28E	77.7	193.4	1.687	-19.90	51.0	S0409	.07190	9.5443	0.6	A
9006	33211.50	60 0N	30 21E	80.9	192.9	1.475	-25.20	52.4	S0409	.07190	8.9135	0.6	F
9007	33217.30	60 0N	30 20E	80.6	192.8	1.687	-25.20	52.4	S0409	.07190	8.9962	0.6	A
9008	33229.10	58 59N	31 23E	76.2	192.5	2.033	12.25	53.9	S0409	.07190	9.5075	0.8	F
9009	33234.50	58 59N	31 24E	76.3	192.6	1.810	13.30	53.9	S0409	.07190	9.4910	0.8	A
9010	33295.70	54 14N	28 31E	73.9	191.0	2.033	11.20	57.5	S0409	.07190	9.7796	0.6	F
9011	33300.90	54 15N	28 32E	73.7	190.9	2.170	10.50	57.5	S0409	.07190	9.8456	0.6	A
9012	33310.70	53 52N	28 55E	92.8	190.9	1.475	-40.25	57.8	S0409	.05410	7.9078	0.6	V
9013	33314.10	53 52N	28 56E	93.1	190.7	1.687	-39.90	57.8	S0409	.05410	7.8006	0.6	A
9014	33342.70	51 9N	28 1E	72.7	190.2	2.385	6.65	60.2	S0409	.07190	10.0847	0.8	V
9015	33348.30	50 47N	27 39E	72.8	190.2	2.385	1.40	60.6	S0409	.07190	9.9528	0.6	F
9016	33353.50	50 47N	27 39E	72.7	190.1	2.385	2.10	60.6	S0409	.07190	9.9510	0.6	A
9017	33369.30	49 42N	27 10E	71.6	189.9	2.385	-0.35	61.6	S0409	.07190	10.2414	0.4	V
9018	33371.90	49 42N	27 10E	72.4	189.8	2.385	0.00	61.6	S0409	.07190	10.0105	0.4	A
9019	33376.90	48 52N	26 44E	72.2	189.8	2.385	-9.10	61.9	S0409	.07190	10.1589	0.6	V

Handle via
BYEMAN Channels
BYE-8915/84

Approved for Release: 2021/01/22 C05132886

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4354 COMMAND INFORMATION

REV	FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1133	9020	33379.70	48 52N	26 43E	72.9	189.7	2.385	-8.75	61.9	S0409	.07190	9.9445	0.4	A
	9021	33397.30	47 41N	26 9E	74.0	189.5	2.385	-15.05	62.7	S0409	.07190	9.8126	0.4	A
	9022	33406.70	46 53N	26 56E	77.9	189.4	2.511	18.90	64.0	S0409	.07190	9.3261	0.8	F
	9023	33412.10	46 33N	26 56E	78.1	189.3	2.385	19.60	64.0	S0409	.07190	9.2501	1.0	A
	9024	33429.10	45 1N	26 26E	77.5	189.1	2.511	18.20	65.1	S0409	.07190	9.3756	0.6	F
	9025	33431.90	45 1N	26 26E	76.8	189.1	2.511	18.55	65.1	S0409	.07190	9.5652	0.4	V
	9026	33437.30	44 26N	26 11E	76.3	189.0	2.511	15.75	65.5	S0409	.07190	9.5157	0.8	F
	9027	33442.90	44 27N	26 12E	76.7	189.0	2.385	16.80	65.5	S0409	.07190	9.4533	0.8	A
	9028	33457.10	43 26N	24 39E	77.4	188.8	2.385	-24.85	65.7	S0409	.07190	9.4663	0.6	V
	9029	33459.90	43 26N	24 39E	78.1	188.8	2.385	-24.50	65.7	S0409	.07190	9.3013	0.8	A
	9030	33467.30	42 40N	24 60E	71.3	188.7	2.511	-7.00	66.4	S0409	.07190	10.2926	0.4	V
	9031	33469.90	42 40N	24 59E	72.1	188.7	2.733	-7.00	66.4	S0409	.07190	10.0600	0.4	A
	9032	33474.90	42 10N	24 44E	72.4	188.7	2.511	-11.55	66.7	S0409	.07190	10.1259	0.6	V
	9033	33477.70	42 9N	24 43E	73.2	188.6	2.733	-11.55	66.7	S0409	.07190	9.9198	0.6	A
	9034	33483.10	41 59N	24 48E	71.1	188.6	2.733	-4.20	67.2	S0409	.07190	10.3074	0.4	V
	9035	33485.70	41 59N	24 47E	71.9	188.6	2.733	-3.85	67.2	S0409	.07190	10.0765	0.4	A
	9036	33531.70	38 6N	23 36E	74.7	188.2	2.733	-16.45	69.1	S0409	.07190	9.6724	0.6	F
	9037	33534.50	38 5N	23 35E	73.7	188.1	2.733	-16.10	69.1	S0409	.07190	9.9445	0.6	V
	9038	33617.30	32 29N	23 7E	77.0	187.6	2.733	15.05	72.1	S0409	.04090	9.3838	1.0	A
	9039	34149.90	4 16S	15 19E	93.4	186.4	3.439	-24.50	54.4	S0409	.05410	7.7756	0.8	V
	9040	34153.30	4 16S	15 19E	94.3	186.4	3.439	-23.80	54.4	S0409	.05410	7.6274	0.8	A
1134	9001	38532.50	59 10N	9 40E	77.3	192.5	1.810	15.75	53.4	S0409	.07190	9.3591	0.6	A
	9002	38540.50	58 50N	8 47E	75.8	192.3	2.033	2.80	53.9	S0409	.07190	10.0435	0.8	V
	9003	38674.30	49 9N	4 27E	75.0	189.8	2.170	-16.80	61.6	S0409	.07190	9.6312	0.8	F
	9004	38681.70	49 9N	4 27E	74.7	189.8	2.385	-16.45	61.6	S0409	.07190	9.7219	0.6	A
	9005	38697.30	47 57N	4 53E	74.5	189.6	2.511	11.20	63.1	S0409	.07190	9.7384	1.0	F
	9006	38702.70	47 56N	4 53E	74.6	189.5	2.385	11.90	63.1	S0409	.07190	9.7054	1.0	A
	9007	38742.10	43 10N	2 59E	72.9	188.8	2.511	-9.45	66.0	S0409	.07190	9.9198	1.0	F
	9008	38767.30	43 10N	2 59E	72.7	188.8	2.511	-8.75	66.0	S0409	.07190	9.9593	1.0	A
	9009	38856.90	36 57N	2 12E	60.0	188.0	2.733	21.70	70.5	S0409	.05410	9.0787	0.6	F
	9010	38859.70	36 57N	2 12E	79.2	188.0	2.511	22.05	70.5	S0409	.05410	9.2684	0.6	V
	9011	38863.70	36 56N	2 14E	81.5	188.0	2.511	25.20	70.7	S0409	.05410	9.0127	0.8	V
	9012	38864.70	36 56N	2 14E	82.7	188.0	2.511	25.55	70.7	S0409	.05410	8.7406	0.6	A
	9013	38885.50	35 15N	0 9E	88.3	187.8	2.511	-37.10	70.8	S0409	.03090	8.2376	1.2	A
	9014	38900.30	33 43N	1 1E	72.8	187.7	2.872	3.85	71.4	S0409	.07190	9.9528	0.6	F
	9015	38905.50	33 43N	1 1E	75.0	187.7	2.872	4.55	71.4	S0409	.07190	9.9198	0.8	A
	9016	39287.50	7 26N	4 18W	81.5	186.5	3.574	-7.35	64.1	S0409	.05410	8.8313	1.0	A
	9017	39298.90	6 41N	4 37W	83.4	186.5	3.574	-15.05	63.4	S0409	.05410	8.6554	1.0	A
	9018	39310.70	5 21N	4 1W	86.5	186.4	3.090	18.20	63.0	S0409	.05410	8.1799	0.8	F
	9019	39313.90	5 21N	4 1W	87.8	186.4	3.090	18.55	63.0	S0409	.05410	8.3036	0.8	V
113A	9001	50026.29	1 56S	49 52W	86.6	186.4	3.439	2.45	56.8	S0409	.05410	7.3201	1.0	F
	9002	50055.09	3 49S	49 40W	96.9	186.4	2.872	22.40	55.3	S0409	.05410	7.4625	1.0	F
	9003	50067.29	4 21S	49 42W	99.3	186.4	2.733	24.50	55.1	S0409	.05410	7.1321	1.0	A
	9004	50105.29	6 48S	51 42W	102.3	186.5	3.574	-32.20	52.0	S0409	.05410	7.0337	1.2	A
	9005	50211.89	14 36S	52 21W	94.9	186.6	3.439	-7.35	45.4	S0409	.05410	7.5449	0.8	F
	9006	50215.69	14 39S	52 27W	94.5	186.6	3.439	-10.15	45.4	S0409	.07190	7.6604	1.0	V
	9007	50220.89	15 2S	52 17W	94.2	186.6	3.439	-1.75	45.1	S0409	.07190	7.6351	1.0	V
	9008	50228.49	15 10S	52 30W	95.8	186.7	3.439	-7.35	44.8	S0409	.05410	7.4460	1.0	A
	9009	50264.69	18 10S	53 21W	100.3	186.7	3.439	-14.55	42.0	S0409	.05410	7.0914	1.0	F
	9010	50276.69	19 0S	53 3W	98.1	186.8	3.439	-3.15	41.4	S0409	.07190	7.2976	1.0	F
	9011	50281.69	19 11S	52 59W	97.4	186.8	3.211	0.00	41.4	S0409	.07190	7.4213	1.0	V
	9012	50286.09	19 19S	52 54W	99.5	186.8	3.211	3.85	41.4	S0409	.05410	7.1491	1.0	A
	9013	50307.89	20 42S	53 27W	99.9	186.9	3.439	-5.25	39.9	S0409	.07190	7.1244	1.0	A
	9014	50317.29	21 45S	53 50W	101.4	186.9	3.439	-11.55	38.8	S0409	.07190	7.0419	0.8	F
	9015	50326.89	22 32S	53 27W	101.9	186.9	3.211	4.55	38.3	S0409	.07190	7.0254	1.0	F
	9016	50332.89	22 26S	53 22W	103.2	187.0	3.090	7.70	38.4	S0409	.05410	6.8770	1.0	A
	9017	50357.49	24 36S	53 42W	105.1	187.0	3.090	9.45	36.4	S0409	.05410	6.8028	1.2	F
	9018	50369.89	24 56S	53 30W	110.6	187.1	2.511	18.20	36.2	S0409	.05410	6.3388	1.0	A
1137	9001	55314.09	0 24S	72 17W	89.3	186.4	3.574	-20.30	57.7	S0409	.05410	8.0644	1.0	A
	9002	55364.49	3 44S	73 14W	100.0	186.4	3.439	-31.85	54.7	S0409	.05410	7.2069	0.6	A
113A	5001	60388.08	15 1N	91 58W	87.8	186.6	3.090	-31.50	68.5	S0255	.02260	8.2202	0.8	F
	5002	60393.88	15 4N	92 3W	89.8	186.6	3.211	-33.60	68.4	S0255	.02260	8.0982	0.8	A
	9001	60299.88	20 56N	89 39W	80.7	186.9	3.090	16.80	72.1	S0409	.05410	9.0045	1.0	F
	9002	60320.28	19 50N	90 34W	76.1	186.8	3.211	-11.55	71.1	S0409	.07190	9.6312	0.4	V
	9003	60323.08	19 50N	90 33W	76.9	186.8	3.439	-10.85	71.1	S0409	.05410	9.4250	0.4	A
	9004	60337.88	18 56N	90 46W	76.2	186.8	3.211	-10.50	70.7	S0409	.07190	9.6064	0.4	V
	9005	60340.68	18 57N	90 46W	77.1	186.8	3.439	-10.15	70.7	S0409	.05410	9.3920	0.4	A
	9006	60355.08	17 49N	91 24W	83.2	186.7	3.211	-26.95	69.8	S0409	.05410	8.7301	0.6	V
	9007	60358.08	17 49N	91 23W	83.8	186.7	3.211	-26.25	69.8	S0409	.05410	8.6499	0.6	A
	9008	60374.28	16 4N	90 26W	84.8	186.7	2.872	22.40	70.2	S0409	.05410	8.6334	1.0	V
	9009	60406.08	14 5N	91 14W	79.2	186.6	3.211	5.60	68.7	S0409	.05410	9.1034	0.8	A
1139	5001	65494.08	28 47N	109 47W	88.7	187.3	2.385	31.15	73.3	S0255	.02260	8.1577	0.8	A
	5002	65499.88	28 10N	109 51W	89.4	187.3	2.385	32.55	73.4	S0255	.02260	8.1354	1.0	V
	9001	65529.88	26 2N	111 21W	74.5	187.1	3.211	-6.65	72.5	S0409	.07190	9.7219	1.0	F
1144	9001	5335.27	49 40N	142 53E	84.3	189.9	1.810	-33.25	60.9	S0409	.05410	8.6746	0.8	V

Handle via
BYEMAN Channels
BYE-8915/84

Approved for Release: 2021/01/22 C05132886

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
I144 9002	5338.47	49 46N	142 52E	85.4	189.9	2.033	-33.60	60.9	S0409	.05410	8.5097	0.8	A
9003	5367.87	47 17N	142 46E	75.1	189.5	2.385	-17.50	63.0	S0409	.05410	9.6312	0.8	F
9004	5373.27	47 17N	142 46E	74.8	189.4	2.385	-16.80	63.0	S0409	.05410	9.7136	0.8	A
9005	5378.87	46 42N	142 49E	72.3	189.4	2.385	-10.50	63.5	S0409	.07190	10.1507	0.4	V
9006	5381.67	46 41N	142 49E	73.0	189.3	2.385	-10.15	63.5	S0409	.07190	9.9445	0.4	A
9007	5391.07	45 55N	142 6E	77.8	189.2	2.170	-25.20	63.9	S0409	.05410	9.4168	0.4	V
9008	5393.87	45 55N	142 5E	78.6	189.2	2.385	-25.20	63.9	S0409	.05410	9.2319	0.4	A
9009	5524.07	36 30N	140 37E	73.5	188.0	2.872	5.95	70.2	S0409	.05410	9.8786	1.0	F
9010	5529.27	36 30N	140 37E	73.6	188.0	2.872	6.65	70.2	S0409	.05410	9.8373	1.0	A
I145 9001	10583.46	53 38N	123 55E	75.3	190.9	2.170	11.55	57.9	S0409	.07190	9.6229	0.4	A
9002	10752.26	42 11N	118 51E	81.0	188.7	2.170	-29.05	66.4	S0409	.05410	8.9055	0.8	F
9003	10758.06	42 11N	118 51E	80.5	188.6	2.385	-28.70	66.4	S0409	.05410	9.0292	0.8	A
9004	10772.46	40 45N	119 8E	72.6	188.5	2.733	-8.75	67.6	S0409	.07190	9.9693	0.6	F
9005	10777.66	40 45N	119 8E	72.5	188.4	2.733	-8.05	67.6	S0409	.07190	10.0105	0.6	A
9006	10784.46	40 3N	119 28E	73.3	188.4	2.733	9.80	68.3	S0409	.07190	10.0105	0.4	V
9007	10787.06	40 3N	119 28E	74.2	188.4	2.733	10.15	68.3	S0409	.07190	9.7549	0.4	A
9008	10841.46	36 2N	117 38E	77.0	187.9	2.733	-22.05	69.9	S0409	.05410	9.3438	1.0	F
9009	10847.06	36 2N	117 38E	76.7	187.9	2.733	-21.35	70.0	S0409	.05410	9.4745	0.8	A
9010	10867.26	34 15N	117 15E	77.0	187.8	2.733	-21.35	70.7	S0409	.05410	9.3438	0.8	F
9011	10872.66	34 16N	117 15E	76.6	187.7	2.872	-20.65	70.7	S0409	.05410	9.4745	1.0	A
9012	10900.46	31 26N	117 9E	73.3	187.6	3.090	-6.30	71.8	S0409	.07190	9.8786	0.8	F
9013	10905.66	31 26N	117 10E	73.2	187.5	3.090	-5.25	71.8	S0409	.07190	9.8951	1.0	A
9014	10935.06	29 47N	116 15E	77.4	187.4	2.872	-22.75	71.9	S0409	.07190	9.4663	0.4	V
9015	10937.86	29 47N	116 15E	78.1	187.4	2.872	-22.40	71.9	S0409	.07190	9.2849	0.4	A
9016	10948.66	28 59N	115 56E	80.8	187.3	2.733	-26.60	72.0	S0409	.05410	8.9303	0.6	F
9017	10954.46	28 59N	115 56E	80.1	187.3	2.872	-25.55	72.0	S0409	.05410	9.0622	0.6	A
9018	10965.66	27 59N	115 58E	75.6	187.2	3.090	-17.85	72.2	S0409	.07190	9.6972	0.6	V
9019	10968.46	27 59N	115 58E	76.4	187.2	3.090	-17.50	72.3	S0409	.05410	9.4992	0.6	A
9020	11457.66	6 30S	110 39E	94.1	186.5	3.211	14.35	53.0	S0409	.05410	7.6686	0.4	F
9021	11464.06	6 30S	110 27E	92.2	186.5	3.211	9.45	52.5	S0409	.05410	7.8253	0.6	F
9022	11470.26	6 26S	110 24E	92.1	186.5	3.211	8.40	52.6	S0409	.04090	7.7593	1.0	A
9023	11474.66	7 27S	110 13E	90.0	186.5	3.439	4.55	52.0	S0409	.05410	8.0644	0.6	V
9024	11477.86	7 27S	110 14E	91.4	186.5	3.439	5.25	52.1	S0409	.05410	7.8171	1.0	A
I146 9001	16083.06	40 14N	97 21E	73.0	188.4	2.733	8.05	68.2	S0409	.05410	9.9303	0.6	F
9002	16093.26	40 15N	97 22E	73.3	188.4	2.733	9.10	68.2	S0409	.05410	9.8468	0.6	A
9003	16126.26	37 30N	97 23E	85.4	188.1	2.511	31.15	70.2	S0409	.04090	8.5427	0.6	F
9004	16128.06	37 29N	97 21E	85.8	188.1	2.511	31.15	70.2	S0409	.05410	8.5015	0.6	F
9005	16132.46	37 30N	97 23E	86.1	188.1	2.170	32.20	70.2	S0409	.04090	8.4025	0.6	A
9006	16134.26	37 29N	97 21E	86.5	188.1	2.170	32.20	70.2	S0409	.05410	8.3613	0.6	A
9007	16242.26	29 42N	94 21E	73.7	187.4	3.090	-15.40	72.1	S0409	.05410	9.8126	0.6	F
9008	16248.86	29 30N	94 20E	72.4	187.4	3.090	-9.05	72.3	S0409	.05410	10.0187	0.4	A
9009	16252.66	29 20N	94 23E	72.7	187.3	3.090	-9.80	72.3	S0409	.05410	9.9358	0.6	A
I147 5001	21472.46	35 16N	73 17E	75.1	187.8	2.733	-19.95	70.3	S0255	.03150	9.7620	0.6	V
5002	21488.46	34 42N	72 48E	79.6	187.7	2.511	-28.00	70.6	S0255	.03150	9.1931	0.4	V
9001	20966.86	69 43N	88 14E	76.6	198.5	1.113	-6.65	43.8	S0409	.07190	9.4250	0.6	F
9002	20969.66	69 42N	88 14E	75.6	198.4	1.113	-6.30	43.8	S0409	.07190	9.6807	0.6	V
9003	21008.06	66 37N	86 12E	75.6	196.4	1.475	0.00	46.5	S0409	.07190	9.5652	0.8	F
9004	21013.46	66 37N	86 12E	75.4	196.2	1.332	0.35	46.5	S0409	.07190	9.6064	0.8	A
9005	21210.46	53 1N	78 39E	73.2	190.7	2.170	-7.00	58.5	S0409	.05410	9.8468	0.4	F
9006	21213.06	53 1N	78 39E	72.3	190.7	2.170	-6.65	58.5	S0409	.05410	10.1424	0.6	V
9007	21241.86	50 48N	78 31E	75.0	190.2	2.385	11.55	60.5	S0409	.07190	9.6807	1.0	F
9008	21247.26	50 47N	78 31E	75.2	190.1	2.170	12.60	60.5	S0409	.07190	9.6594	1.0	A
9009	21253.86	50 47N	77 50E	72.5	190.0	2.385	-0.70	61.0	S0409	.07190	9.9858	0.8	F
9010	21259.06	50 47N	77 50E	72.5	189.9	2.385	0.35	61.0	S0409	.07190	10.0023	0.8	A
9011	21351.26	43 36N	75 14E	75.4	188.3	2.385	-21.70	65.6	S0409	.05410	9.7219	0.6	V
9012	21354.06	43 36N	75 14E	74.1	188.3	2.385	-21.35	65.6	S0409	.05410	9.5405	0.6	A
9013	21364.26	42 36N	76 5E	73.5	188.7	2.511	16.10	66.8	S0409	.07190	9.9940	0.4	V
9014	21367.06	42 35N	76 5E	74.5	188.7	2.511	16.45	66.8	S0409	.07190	9.7219	0.4	A
9015	21520.46	31 26N	72 43E	73.6	187.6	2.872	-13.65	71.6	S0409	.05410	9.9610	0.4	V
9016	21523.06	31 27N	72 43E	74.4	187.5	3.090	-13.65	71.6	S0409	.05410	9.7549	0.4	A
9017	21588.26	27 4N	71 50E	74.6	187.2	3.090	-9.80	72.4	S0409	.07190	9.6972	0.8	F
9018	21593.66	27 4N	71 49E	74.5	187.2	3.211	-9.10	72.5	S0409	.07190	9.7219	0.8	A
I148 9001	26295.45	67 50N	64 45E	76.3	197.4	1.332	-8.40	45.1	S0409	.07190	9.4745	0.4	F
9002	26298.25	67 50N	64 45E	75.3	197.2	1.332	-8.05	45.1	S0409	.07190	9.7301	0.4	V
9003	26302.25	67 34N	64 10E	75.9	197.0	1.332	-11.90	45.5	S0409	.07190	9.3920	0.6	F
9004	26305.05	67 34N	64 10E	75.9	196.9	1.332	-11.55	45.5	S0409	.07190	9.6559	0.6	V
9005	26307.85	67 34N	64 9E	76.7	196.8	1.332	-11.55	45.5	S0409	.07190	9.4498	0.6	A
9006	26409.05	60 41N	60 33E	75.1	193.1	1.810	7.70	52.0	S0409	.07190	9.6477	0.6	A
9007	26432.85	58 41N	59 48E	74.6	192.5	2.033	14.65	53.8	S0409	.07190	9.4663	1.0	F
9008	26442.05	57 38N	60 6E	84.7	192.2	2.033	27.30	54.5	S0409	.07190	9.5757	1.0	F
9009	26454.25	57 22N	57 54E	76.0	192.0	1.810	-16.45	54.7	S0409	.07190	9.5075	1.2	F
9010	26497.25	54 17N	56 5E	78.9	191.1	2.170	20.65	57.7	S0409	.07190	9.2106	1.0	F
9011	26502.85	54 17N	56 5E	79.2	191.0	2.033	21.35	57.7	S0409	.07190	9.1447	1.0	A
9012	26521.85	52 40N	55 47E	79.0	190.6	1.810	-24.50	58.5	S0409	.07190	9.1364	0.6	F
9013	26524.65	52 40N	55 47E	77.9	190.6	2.033	-24.50	58.5	S0409	.07190	9.4085	0.6	V
9014	26527.45	52 40N	55 47E	78.8	190.5	2.033	-24.50	58.5	S0409	.07190	9.2189	0.6	A
9015	26533.45	52 0N	55 33E	78.5	190.5	2.033	-23.80	59.2	S0409	.07190	9.2024	0.8	F
9016	26538.65	51 40N	55 5E	84.3	190.4	1.810	-31.85	59.4	S0409	.05410	8.5510	0.6	F
9017	26543.45	51 35N	54 57E	84.8	190.3	1.810	-33.60	59.4	S0409	.05410	8.6252	0.6	V

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1148 9018	26546.65	51 36N	54 57E	85.6	190.2	2.033	-33.60	59.4	S0409	.05410	8.4932	0.6	A
9019	26589.85	48 10N	54 1E	83.7	189.6	1.810	-31.50	62.1	S0409	.05410	8.6087	0.8	F
9020	26592.85	48 10N	54 0E	82.8	189.6	2.033	-31.85	62.1	S0409	.05410	8.8478	0.8	V
9021	26595.85	48 10N	54 0E	83.4	189.6	2.033	-31.50	62.1	S0409	.05410	8.7159	0.8	A
9022	26702.05	40 24N	52 44E	72.8	188.4	2.733	-7.70	67.8	S0409	.04090	9.9528	0.6	F
9023	26707.25	40 24N	52 44E	72.7	188.4	2.733	-7.00	67.8	S0409	.04090	9.9775	0.6	A
9024	26769.85	35 46N	51 24E	74.1	187.9	2.733	-16.10	70.2	S0409	.07190	9.7651	0.3	F
9025	26775.05	35 46N	51 24E	73.8	187.9	2.872	-15.05	70.2	S0409	.07190	9.8373	1.0	A
9026	26801.05	33 50N	51 35E	73.8	187.7	2.872	7.70	71.4	S0409	.07190	9.8126	0.8	A
9027	26892.45	32 40N	51 19E	74.5	187.6	2.872	10.50	71.9	S0409	.07190	9.7136	0.8	A
9028	26892.05	27 41N	49 36E	76.4	187.2	3.090	-16.80	72.3	S0409	.05410	9.4580	0.8	F
9029	26900.05	26 50N	50 1E	74.1	187.2	3.090	4.55	72.7	S0409	.07190	9.8868	0.4	V
9030	26905.05	26 46N	50 3E	75.7	187.2	3.090	7.35	72.8	S0409	.05410	9.5487	0.8	A
9031	26911.45	26 16N	50 13E	79.6	187.1	2.872	17.50	73.0	S0409	.05410	9.0705	0.4	A
9032	27052.45	16 26N	47 37E	77.2	186.7	3.439	-12.95	69.6	S0409	.07190	9.4745	0.6	V
9033	27055.45	16 47N	47 37E	78.1	186.7	3.439	-12.60	69.6	S0409	.05410	9.2601	0.6	A
9034	27185.05	7 28N	46 39E	85.1	186.5	3.090	14.00	64.5	S0409	.05410	8.4355	0.6	A
9035	27257.05	2 8N	45 18E	84.2	186.4	3.574	-5.25	60.0	S0409	.05410	8.5592	0.6	F
9036	27260.05	2 9N	45 17E	83.4	186.4	3.574	-4.90	60.0	S0409	.05410	8.7406	0.8	V
9037	27265.25	1 50N	45 14E	84.6	186.4	3.574	-5.25	59.9	S0409	.05410	8.4952	0.6	A
1149 9001	31656.65	64 30N	39 16E	79.5	195.0	1.332	-22.75	48.2	S0409	.07190	9.2106	0.4	V
9002	31659.65	64 30N	39 16E	80.1	194.9	1.332	-22.40	48.2	S0409	.07190	9.0457	0.4	A
9003	31676.45	62 54N	41 47E	99.0	194.3	1.475	39.90	50.1	S0409	.05410	7.4213	0.8	V
9004	31680.05	62 50N	41 46E	100.0	194.2	1.475	39.90	50.1	S0409	.05410	7.2398	0.8	A
9005	31734.45	59 0N	38 38E	84.5	192.6	1.810	28.35	53.5	S0409	.07190	8.6429	0.8	V
9006	31737.65	58 58N	38 38E	85.8	192.5	1.810	28.70	53.5	S0409	.07190	8.4439	0.8	A
9007	31754.25	57 46N	36 40E	73.5	192.1	2.033	0.00	54.5	S0409	.07190	9.8538	1.0	F
9008	31759.65	57 45N	36 40E	73.5	192.0	2.033	0.70	54.5	S0409	.07190	9.8703	0.6	A
9009	31769.85	56 46N	37 13E	80.8	191.8	1.810	24.15	55.6	S0409	.07190	9.0869	0.6	V
9010	31772.85	56 46N	37 13E	81.9	191.7	1.810	24.50	55.6	S0409	.07190	8.8596	0.6	A
9011	31781.85	56 0N	36 8E	73.0	191.5	2.033	6.30	56.1	S0409	.07190	10.0435	0.6	V
9012	31784.65	56 2N	36 8E	73.9	191.5	2.033	6.65	56.1	S0409	.07190	9.8043	0.4	A
9013	31811.65	53 50N	35 47E	77.7	190.9	2.033	19.60	57.9	S0409	.07190	9.4415	0.6	V
9014	31814.45	53 50N	35 47E	78.7	190.9	2.033	19.95	58.0	S0409	.07190	9.1959	0.6	A
9015	31821.65	53 40N	34 57E	73.6	190.8	2.170	5.95	58.5	S0409	.07190	9.8538	0.8	F
9016	31826.85	53 40N	34 58E	73.7	190.7	2.170	6.65	58.5	S0409	.07190	9.8373	0.6	A
9017	31844.45	51 42N	33 31E	76.1	190.4	2.033	-19.25	59.5	S0409	.07190	9.4910	1.6	F
9018	31848.25	51 36N	33 30E	75.1	190.3	2.033	-18.90	59.5	S0409	.07190	9.7631	0.4	V
9019	31858.85	50 54N	34 27E	77.6	190.2	2.385	17.85	60.8	S0409	.07190	9.3591	0.6	F
9020	31861.65	50 54N	34 26E	76.7	190.1	2.170	18.20	60.9	S0409	.07190	9.5735	0.6	V
9021	31868.85	49 58N	33 39E	72.7	190.0	2.385	1.40	61.1	S0409	.07190	9.9610	0.8	F
9022	31874.05	49 58N	33 39E	72.7	189.9	2.385	2.10	61.1	S0409	.07190	9.9693	1.0	A
9023	31881.25	49 51N	33 12E	72.7	189.8	2.385	-7.35	61.4	S0409	.07190	9.9693	0.4	A
9024	31887.05	48 48N	32 31E	76.7	189.8	2.170	-21.35	61.8	S0409	.07190	9.4250	0.4	F
9025	31889.85	48 47N	32 31E	75.5	189.7	2.170	-20.65	61.8	S0409	.07190	9.7054	0.4	V
9026	31892.45	48 46N	32 31E	76.2	189.7	2.170	-20.30	61.8	S0409	.07190	9.5240	0.6	A
9027	31903.25	47 58N	33 25E	75.9	189.6	2.385	15.05	62.8	S0409	.07190	9.5240	0.4	A
9028	31913.65	46 58N	31 59E	76.5	189.4	2.170	-20.65	63.2	S0409	.07190	9.4415	0.6	F
9029	31916.45	46 58N	31 59E	75.4	189.4	2.170	-20.30	63.2	S0409	.09670	9.7219	0.6	V
9030	31920.45	46 53N	31 56E	76.5	189.3	2.385	-21.00	63.2	S0409	.07190	9.4992	0.4	A
9031	31937.45	45 24N	32 41E	75.5	189.1	2.385	16.10	64.8	S0409	.07190	9.7054	0.4	V
9032	31940.25	45 24N	32 41E	76.5	189.1	2.385	16.45	64.8	S0409	.07190	9.4496	0.4	A
9033	32145.25	31 4N	29 42E	92.5	187.5	2.385	35.35	72.9	S0409	.03090	7.9243	0.4	V
9034	32148.65	31 4N	29 42E	94.3	187.5	2.170	36.05	73.0	S0409	.03090	7.6521	0.4	A
1150 5001	37157.85	51 30N	11 56E	72.7	190.3	2.170	-2.10	59.8	S0255	.03150	9.9846	0.4	A
9001	37106.45	54 36N	13 15E	73.2	191.2	2.170	1.05	57.2	S0409	.09670	9.9063	0.8	F
9002	37111.65	54 36N	13 15E	73.2	191.1	2.170	1.75	57.2	S0409	.09670	9.9115	0.6	A
9003	37128.25	53 18N	12 47E	72.3	190.8	2.170	2.80	58.3	S0409	.07190	10.1507	0.6	V
9004	37131.05	53 18N	12 47E	73.1	190.7	2.170	3.15	58.4	S0409	.07190	9.9145	0.4	A
9005	37149.05	51 45N	11 60E	72.7	190.4	2.170	-3.50	59.6	S0409	.07190	9.9610	0.8	F
9006	37154.25	51 45N	11 59E	72.6	190.3	2.170	-3.15	59.6	S0409	.07190	9.9358	0.8	A
9007	37157.65	51 31N	11 56E	72.6	190.3	2.170	-2.10	59.8	S0409	.07190	9.9858	0.6	A
9008	37169.25	50 21N	13 12E	95.2	190.1	1.810	39.85	61.2	S0409	.05410	7.7264	0.6	V
9009	37172.65	50 21N	13 12E	96.8	190.1	1.810	39.20	61.2	S0409	.05410	7.4790	0.8	A
9010	37198.05	48 24N	10 51E	72.3	189.7	2.385	-4.20	62.3	S0409	.07190	10.0187	0.6	F
9011	37204.05	48 14N	10 15E	75.1	189.6	2.170	-20.30	62.2	S0409	.07190	9.7549	0.4	V
9012	37206.85	48 14N	10 15E	75.9	189.6	2.385	-20.30	62.2	S0409	.07190	9.5817	0.4	A
9013	37218.65	47 16N	11 23E	80.1	189.4	2.170	23.45	63.4	S0409	.04090	9.0292	0.6	A
9014	37251.65	45 0N	9 53E	72.3	189.1	2.511	-3.15	64.8	S0409	.07190	10.0270	0.6	A
9015	37302.65	39 40N	9 27E	85.1	188.4	2.511	29.05	68.8	S0409	.04090	8.5592	1.0	F
9016	37305.85	39 42N	9 27E	84.4	188.4	2.511	29.40	68.8	S0409	.04090	8.6994	0.8	V
9017	37328.85	39 46N	9 26E	85.4	188.3	2.170	29.75	68.8	S0409	.03090	8.4585	0.6	A
9018	37365.85	36 54N	7 47E	72.7	188.0	2.872	-3.15	69.9	S0409	.07190	9.9693	0.8	F
9019	37371.05	36 50N	7 47E	72.7	188.0	2.872	-2.45	69.9	S0409	.07190	9.9573	0.8	A
9020	37770.05	9 24N	2 37E	82.0	186.3	3.211	8.05	65.7	S0409	.05410	8.7654	1.0	A
9021	37815.65	6 0N	1 14E	87.8	186.3	3.439	-25.55	62.8	S0409	.05410	8.3118	0.4	V
9022	37818.85	6 0N	1 14E	88.5	186.3	3.439	-24.85	62.8	S0409	.05410	8.1551	0.4	A
1152 9001	48554.44	2 30S	44 13W	88.9	186.4	3.574	-15.05	56.0	S0409	.05410	8.0809	1.0	A
9002	48565.24	3 26S	43 24W	96.8	186.4	2.872	22.05	55.9	S0409	.05410	7.3718	1.0	A
9003	48576.64	4 7S	44 7W	88.2	186.4	3.439	0.00	54.9	S0409	.05410	8.1139	1.0	A
9004	48585.84	5 14S	44 29W	88.7	186.4	3.574	-8.40	53.8	S0409	.05410	8.0974	0.8	F

Handle via BYEMAN Channels BYE-8915/84

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1152 9005	48597.84	5 3/S	43 43W	99.8	186.5	2.733	23.80	54.0	S0409	.05410	7.1326	1.0	A
9006	48618.24	7 1ES	44 34W	89.2	186.5	3.439	2.45	52.2	S0409	.05410	6.1304	1.0	V
9007	48701.24	12 4eS	46 31W	104.2	186.6	3.439	-30.45	46.8	S0409	.05410	6.9512	0.8	V
9008	48710.84	13 1eS	46 2W	95.0	186.6	3.574	-11.55	46.6	S0409	.05410	7.5202	1.2	A
9009	48806.84	19 6eS	47 37W	103.6	186.8	3.439	-22.05	40.3	S0409	.05410	6.9677	1.2	V
9010	48828.84	21 5eS	46 30W	111.6	186.9	2.733	23.10	39.2	S0409	.05410	6.4255	0.8	F
9011	48837.04	21 9eS	46 30W	112.9	186.9	2.385	24.15	39.2	S0409	.05410	6.2668	0.8	A
9012	48843.84	22 2eS	46 49W	108.2	186.9	2.733	17.50	38.7	S0409	.05410	6.5389	2.0	A
9013	48851.84	22 5eS	46 51W	110.2	187.0	2.511	19.60	38.2	S0409	.05410	6.4317	1.0	A
9014	48860.24	23 0eS	46 49W	114.1	187.0	2.385	23.45	37.7	S0409	.05410	6.2008	0.6	A
9015	48875.84	24 0eS	47 50W	103.6	187.1	3.211	-1.05	36.4	S0409	.07190	6.8523	1.0	A
9016	48907.24	26 0iS	48 38W	105.0	187.2	3.211	-11.20	34.1	S0409	.07190	6.8523	1.0	V
9017	48913.44	27 3eS	48 33W	105.6	187.2	3.211	-4.90	33.5	S0409	.07190	6.7535	0.8	F
9018	48922.24	27 8eS	48 32W	106.1	187.3	3.211	-3.15	33.5	S0409	.07190	6.6791	1.0	A
1153 9001	53818.44	0 2eS	65 2W	92.7	186.4	3.090	19.60	58.4	S0409	.05410	7.7923	1.0	F
9002	53824.64	0 2iS	64 54W	96.8	186.4	2.872	24.50	58.5	S0409	.05410	7.3883	1.0	A
9003	53931.84	8 0eS	67 23W	92.9	186.5	3.439	-16.10	50.8	S0409	.05410	7.7181	1.0	F
9004	53948.24	8 4eS	67 23W	92.8	186.5	3.574	-14.35	50.7	S0409	.05410	7.7181	0.6	A
9005	53966.24	9 5eS	67 47W	96.3	186.5	3.574	-20.65	49.5	S0409	.05410	7.4577	1.2	A
9006	54049.04	17 1eS	68 37W	94.1	186.7	3.439	-3.50	43.1	S0409	.07190	7.6851	1.0	V
9007	54041.64	16 7eS	69 27W	102.7	186.7	3.439	-24.85	41.8	S0409	.05410	6.9430	1.2	F
9008	54049.44	19 1eS	69 35W	106.4	186.8	3.574	-28.00	41.8	S0409	.05410	6.7203	1.0	A
9009	54239.24	28 2eS	70 45W	106.6	187.3	3.090	-1.05	32.6	S0409	.07190	6.6461	1.4	A
9010	54296.84	32 0eS	71 33W	110.3	187.6	2.872	1.75	28.5	S0409	.07190	6.4482	0.8	F
9011	54301.24	32 0iS	71 38W	109.2	187.6	2.872	0.35	28.4	S0409	.07190	6.5719	0.8	V
9012	54305.04	32 0eS	71 33W	111.2	187.7	2.872	2.80	28.5	S0409	.07190	6.3493	0.6	A
9013	54314.24	33 0eS	71 38W	112.0	187.7	2.872	4.20	27.9	S0409	.07190	6.2998	0.6	A
1154 9001	58791.43	23 0N	82 50W	84.8	187.0	2.872	24.50	72.8	S0409	.05410	8.5859	0.6	F
9002	58791.03	22 9iN	83 38W	75.2	186.9	3.211	-2.80	72.1	S0409	.07190	9.6229	0.4	F
9003	58795.43	23 0eN	83 38W	74.5	186.9	3.211	-1.40	72.1	S0409	.07190	9.8291	0.6	V
9004	58798.23	23 0eN	83 38W	75.4	186.9	3.211	-1.05	72.1	S0409	.07190	9.5317	0.6	A
9005	58869.03	17 6eN	83 56W	86.6	186.7	2.733	24.15	70.9	S0409	.05410	8.2953	0.6	A
1155 9001	64044.63	25 9eN	106 18W	99.5	187.1	2.170	-44.80	71.4	S0255	.02260	7.2472	0.8	F
9002	64050.03	25 4iN	106 13W	93.6	187.1	2.385	-41.65	71.5	S0255	.02260	7.8162	0.8	V
9003	64055.03	25 3eN	106 7W	90.3	187.1	2.733	-38.15	71.7	S0255	.02260	8.0553	0.8	A
9004	64062.63	25 9N	106 20W	94.8	187.1	2.733	-41.65	71.5	S0255	.02260	7.6760	0.8	A
9005	64067.03	24 9eN	106 35W	100.1	187.0	2.511	-44.20	71.2	S0255	.02260	7.3297	1.0	V
9006	64074.23	23 9eN	106 20W	89.0	187.0	2.733	-35.35	71.5	S0255	.02260	8.0965	0.8	F
9007	64090.03	22 9eN	104 41W	91.8	187.0	2.511	33.95	73.0	S0255	.02260	7.9393	1.0	V
9008	64095.23	22 9eN	104 37W	97.1	186.9	2.170	37.10	73.1	S0255	.02260	7.4451	0.8	A
9001	64013.03	28 2eN	104 30W	73.2	187.3	3.090	0.70	72.6	S0409	.07190	9.8868	1.0	A
9002	64036.83	26 9iN	103 37W	82.8	187.2	2.872	-30.45	71.9	S0409	.05410	8.7818	1.0	A
1159 9001	84651.22	68 9eN	179 21W	87.7	197.8	0.986	-31.85	44.2	S0409	.04090	9.3366	0.6	V
9002	84654.42	68 9eN	179 21W	88.7	197.7	0.986	-31.85	44.2	S0409	.04090	9.1716	0.6	A
9003	84709.22	69 4eN	177 55E	84.7	195.2	1.113	-28.70	48.0	S0409	.07190	9.5015	0.6	F
9004	84713.02	69 4eN	177 45E	85.1	195.0	1.113	-30.95	48.0	S0409	.05410	9.5922	0.6	V
9005	84716.02	69 4eN	177 46E	85.9	194.9	1.332	-30.45	48.0	S0409	.05410	9.4520	0.6	A
9006	84745.02	69 3eN	176 57E	79.1	193.9	1.332	-22.75	50.1	S0409	.05410	9.2601	1.0	V
1160 9001	3527.42	70 9eN	162 24E	76.5	199.8	1.113	-3.50	42.6	S0409	.05410	9.4415	0.4	F
9002	3530.22	70 9eN	162 24E	75.6	199.6	1.113	-3.15	42.6	S0409	.05410	9.6889	0.4	V
9003	3532.82	70 9eN	162 24E	76.4	199.4	1.113	-3.15	42.6	S0409	.07190	9.4428	0.6	A
9004	3898.42	45 9eN	149 26E	74.6	189.2	2.511	11.90	64.5	S0409	.05410	9.7584	0.4	F
9005	3901.02	45 9eN	149 26E	73.8	189.2	2.511	12.25	64.5	S0409	.05410	9.9445	0.6	V
9006	3903.82	45 9eN	149 26E	74.8	189.1	2.511	12.60	64.5	S0409	.05410	9.6889	0.4	A
1161 9001	9116.61	51 9eN	128 12E	76.7	190.4	2.033	-21.00	59.3	S0409	.07190	9.4168	1.2	F
9002	9120.21	51 9iN	128 11E	75.6	190.4	2.033	-20.65	59.3	S0409	.07190	9.6472	0.4	V
9003	9123.61	51 8eN	128 9E	75.6	190.3	2.033	-18.20	59.7	S0409	.07190	9.5652	0.6	F
9004	9126.41	51 8eN	128 9E	74.5	190.3	2.033	-17.45	59.7	S0409	.07190	9.8456	0.6	V
9005	9130.81	51 7eN	128 1E	76.3	190.2	2.033	-20.30	59.8	S0409	.07190	9.5240	0.8	A
9006	9130.61	50 9eN	128 2E	74.2	190.1	2.170	-19.70	60.3	S0409	.07190	9.7479	0.6	A
9007	9143.21	50 8eN	127 49E	75.4	190.0	2.170	-18.20	60.5	S0409	.07190	9.6412	0.6	A
9008	9148.81	49 9eN	127 20E	78.5	189.9	2.033	-26.25	60.8	S0409	.05410	9.3426	0.6	V
9009	9151.61	49 9eN	127 21E	79.1	189.9	2.033	-25.90	60.8	S0409	.05410	9.1859	0.6	A
9010	9204.41	45 9eN	126 44E	72.7	189.2	2.511	-9.10	64.1	S0409	.07190	9.9610	0.6	F
9011	9210.01	45 9eN	126 44E	72.5	189.2	2.511	-8.40	64.1	S0409	.07190	10.0023	0.6	A
9012	9238.21	43 9eN	125 33E	78.9	188.9	2.385	-27.65	65.3	S0409	.07190	9.2931	0.6	V
9013	9241.21	43 9eN	125 33E	79.5	188.8	2.385	-27.30	65.3	S0409	.05410	9.1364	0.6	A
9014	9255.01	43 2iN	126 36E	76.1	188.7	2.511	18.20	66.8	S0409	.07190	9.6559	0.4	V
9015	9257.81	42 2iN	126 36E	77.1	188.7	2.511	18.55	66.8	S0409	.07190	9.3920	0.4	A
9016	9267.01	41 9eN	125 44E	72.0	188.6	2.733	-5.60	66.9	S0409	.07190	10.0765	0.6	A
9017	9284.41	40 8iN	125 3E	74.4	188.4	2.511	-16.45	67.7	S0409	.07190	9.7136	0.6	F
9018	9293.41	39 9eN	125 45E	74.4	188.4	2.733	13.30	68.5	S0409	.05410	9.8621	0.6	V
9019	9296.21	39 9iN	125 45E	75.4	188.3	2.733	13.65	68.5	S0409	.05410	9.5982	0.6	A
9020	9307.41	38 9eN	125 31E	74.6	188.2	2.733	13.65	69.0	S0409	.05410	9.8373	0.6	V
9021	9310.21	38 9eN	125 31E	75.6	188.2	2.733	14.00	69.0	S0409	.05410	9.5735	0.6	A

Handle via
BYEMAN Channels
BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1161 9022	9322.81	37 48N	125 21E	76.1	188.1	2.733	16.80	69.7	S0409	.07190	9.6394	0.6	V
9023	9325.61	37 40N	125 21E	77.1	188.1	2.733	17.15	69.7	S0409	.07190	9.3756	0.6	A
9024	9432.41	30 10N	122 46E	75.4	187.4	2.872	-16.10	71.9	S0409	.05410	9.5817	0.8	F
9025	9437.81	30 10N	122 46E	75.2	187.4	3.090	-15.40	72.0	S0409	.05410	9.6559	0.6	A
9026	9450.81	28 55N	122 16E	79.5	187.3	2.872	-24.85	71.9	S0409	.05410	9.0705	0.6	F
9027	9508.61	25 19N	121 33E	80.3	187.1	3.090	-24.85	72.0	S0409	.05410	9.0475	0.6	A
9028	9548.41	22 11N	120 54E	82.5	186.9	2.872	-26.95	71.4	S0409	.05410	8.7241	0.8	F
9029	9551.41	22 11N	120 54E	81.5	186.9	3.090	-26.95	71.4	S0409	.05410	8.9797	0.8	V
9030	9887.41	1 12S	116 49E	91.7	186.4	3.439	-23.45	57.0	S0409	.05410	7.8253	0.6	F
9031	9890.81	1 15S	116 50E	90.2	186.4	3.439	-22.40	57.0	S0409	.05410	8.0644	1.0	V
9032	9894.61	1 19S	116 50E	91.1	186.4	3.439	-21.70	57.0	S0409	.05410	7.9078	0.6	A
1162 9001	14219.81	65 57N	112 20E	83.4	195.7	1.113	-28.35	46.9	S0409	.07190	8.7983	0.4	V
9002	14232.81	65 57N	112 20E	84.1	195.6	1.332	-28.35	46.9	S0409	.07190	8.6252	0.6	A
9003	14421.21	51 50N	107 45E	80.8	190.5	2.170	23.80	59.7	S0409	.07190	9.0045	0.6	F
9004	14424.21	51 50N	107 44E	80.0	190.4	2.170	24.15	59.7	S0409	.07190	9.1777	0.6	V
9005	14428.81	51 49N	107 50E	83.6	190.3	2.170	27.65	59.9	S0409	.05410	8.6664	0.8	A
9006	14443.41	50 42N	106 5E	72.0	190.1	2.170	-10.15	60.3	S0409	.05410	10.1337	0.4	V
9007	14446.01	50 42N	106 5E	72.8	190.1	2.385	-10.15	60.3	S0409	.05410	9.9693	0.4	A
9008	14626.21	37 59N	102 41E	71.7	188.2	2.733	-4.90	69.2	S0409	.07190	10.1095	0.6	F
9009	14629.01	37 58N	102 40E	70.9	188.1	2.733	-4.90	69.2	S0409	.07190	10.3568	0.4	V
9010	14633.61	37 57N	102 49E	71.0	188.1	2.733	5.50	69.5	S0409	.07190	10.3521	0.4	V
9011	14636.21	37 57N	102 48E	71.9	188.1	2.733	5.85	69.5	S0409	.07190	10.0765	0.4	A
9012	14646.21	36 57N	102 10E	71.9	188.0	2.733	-12.60	69.8	S0409	.07190	10.0682	0.4	F
9013	14654.01	36 22N	102 49E	75.3	187.9	2.733	15.05	70.4	S0409	.05410	9.6064	0.6	A
9014	14656.41	36 12N	102 46E	75.1	187.9	2.733	15.05	70.5	S0409	.07190	9.6212	0.4	A
9015	14688.41	34 1N	102 5E	72.5	187.7	2.872	8.40	71.3	S0409	.07190	9.9340	0.4	A
1163 5001	19663.81	56 44N	84 56E	89.6	191.7	1.475	-37.85	55.0	S0255	.03150	8.1954	0.8	V
9001	19677.61	55 27N	85 60E	73.0	191.4	2.033	-3.15	56.5	S0409	.07190	9.9195	1.0	F
9002	19682.81	55 27N	85 59E	72.9	191.3	2.033	-2.80	56.5	S0409	.07190	9.9524	1.0	A
9003	19697.01	53 50N	86 39E	84.4	191.0	2.033	28.00	58.0	S0409	.05410	8.6169	0.3	F
9004	19700.01	53 50N	86 39E	83.7	190.9	2.033	28.35	58.0	S0409	.07190	8.7736	0.4	V
9005	19712.21	53 40N	84 31E	75.6	190.7	2.033	-20.30	58.1	S0409	.07190	9.6489	0.8	V
9006	19720.01	52 42N	85 6E	73.0	190.6	2.170	3.15	59.0	S0409	.07190	9.9493	0.6	F
9007	19725.21	52 42N	85 6E	73.0	190.5	2.170	3.85	59.0	S0409	.07190	9.9363	0.6	A
9008	19840.81	43 59N	81 42E	73.9	188.9	2.511	-15.75	65.6	S0409	.05410	9.7479	0.6	F
9009	19856.01	43 40N	81 43E	73.5	188.8	2.511	-14.70	65.6	S0409	.05410	9.8786	0.6	A
9010	19939.01	37 59N	80 16E	73.4	188.1	2.733	-12.60	69.3	S0409	.07190	9.8621	0.8	F
9011	19945.61	37 59N	79 55E	75.8	188.1	2.511	-21.35	69.4	S0409	.07190	9.5240	0.4	F
9012	19948.21	37 59N	79 56E	74.7	188.0	2.733	-21.00	69.4	S0409	.07190	9.8126	0.6	V
9013	19951.01	37 59N	79 56E	75.4	188.0	2.733	-20.65	69.4	S0409	.07190	9.6412	0.4	A
9014	20154.61	22 59N	77 53E	80.5	187.0	3.090	17.85	72.6	S0409	.05410	9.0127	1.2	F
9015	20160.41	22 59N	77 54E	81.4	186.9	2.872	19.25	72.6	S0409	.05410	8.8643	1.2	A
1164 9001	24893.00	61 44N	67 6E	73.2	193.0	1.687	1.05	50.9	S0409	.07190	10.0187	0.4	V
9002	24895.80	61 44N	67 5E	74.0	193.5	1.687	1.05	50.9	S0409	.07190	9.7961	0.4	A
9003	24944.20	59 6N	65 15E	73.5	192.2	2.033	1.75	54.2	S0409	.07190	9.8456	0.6	F
9004	24961.40	57 49N	65 42E	76.7	192.1	1.810	17.15	54.6	S0409	.07190	9.5755	0.6	V
9005	24964.20	57 49N	65 43E	77.7	192.0	1.810	17.50	54.6	S0409	.07190	9.3261	0.6	A
9006	24959.80	57 7N	65 43E	80.2	191.9	1.810	23.45	55.2	S0409	.07190	9.1629	0.6	V
9007	24962.60	57 6N	65 43E	81.3	191.8	1.810	23.80	55.2	S0409	.07190	8.9855	0.6	A
9008	24980.60	56 4N	63 42E	74.5	191.4	2.033	-14.00	55.8	S0409	.05410	9.7301	0.4	A
9009	25000.00	53 40N	63 42E	76.3	190.7	2.170	15.40	58.5	S0409	.07190	9.4992	0.6	A
9010	25108.00	46 50N	61 36E	77.6	189.4	2.511	18.55	63.6	S0409	.05410	9.3673	0.6	F
9011	25110.80	46 50N	61 36E	76.9	189.4	2.511	18.90	63.6	S0409	.05410	9.5570	0.6	V
9012	25113.60	46 50N	61 36E	77.9	189.4	2.511	19.25	63.7	S0409	.05410	9.2931	0.8	A
9013	25138.40	45 11N	59 19E	84.9	189.1	2.170	-34.65	64.2	S0409	.05410	8.6499	0.6	V
9014	25141.60	45 10N	59 20E	85.2	189.0	2.170	-33.95	64.2	S0409	.05410	8.5100	0.8	A
9015	25240.00	37 59N	58 23E	72.6	188.1	2.872	-7.70	69.2	S0409	.07190	9.9493	0.6	F
9016	25245.00	37 59N	58 24E	72.5	188.1	2.872	-6.65	69.2	S0409	.07190	10.0023	0.8	A
9017	25263.20	37 49N	58 50E	75.6	188.0	2.733	15.40	69.9	S0409	.04090	9.5652	0.8	A
9018	25536.80	17 40N	54 2E	77.7	186.7	3.211	-15.40	70.1	S0409	.05410	9.4168	0.6	V
9019	25539.60	17 41N	54 1E	78.6	186.7	3.439	-15.40	70.1	S0409	.05410	9.2106	0.8	A
9020	25967.40	12 12S	49 16E	94.2	186.6	3.439	2.45	47.8	S0409	.05410	7.6192	1.2	F
9021	25971.40	12 10S	49 17E	93.8	186.6	3.211	4.55	47.8	S0409	.07190	7.7264	0.8	V
9022	25974.80	12 10S	49 18E	95.4	186.6	3.211	5.60	47.8	S0409	.07190	7.4790	1.2	A
9023	25981.20	13 9S	49 0E	94.5	186.6	3.439	-0.70	46.9	S0409	.05410	7.5962	1.0	F
9024	26049.60	18 55S	47 31E	99.3	186.8	3.439	-14.70	41.5	S0409	.07190	7.2811	0.8	V
9025	26073.20	19 55S	47 32E	100.3	186.8	3.439	-13.65	41.5	S0409	.05410	7.1079	0.4	A
1165 5001	30279.80	56 10N	43 38E	88.0	191.6	1.687	31.85	56.0	S0255	.03150	8.2366	1.0	A
5002	30293.20	55 28N	42 19E	74.9	191.3	2.033	11.20	56.5	S0255	.03150	9.6713	0.8	A
5003	30337.40	53 41N	39 27E	86.1	190.5	1.810	-34.30	58.5	S0255	.03150	8.4593	1.0	A
5004	30629.80	32 7N	34 55E	73.6	187.6	3.090	-9.45	71.6	S0255	.03150	9.8279	0.8	F
5005	30635.00	32 7N	34 55E	73.6	187.6	3.090	-8.75	71.6	S0255	.03150	9.8527	1.0	A
9001	29970.20	76 14N	62 41E	80.9	208.6	0.986	14.70	36.9	S0409	.09670	8.9303	0.8	F
9002	29973.20	76 14N	62 39E	79.8	208.2	0.776	14.70	36.9	S0409	.09670	9.1412	0.8	V
9003	30020.40	73 23N	54 38E	78.3	203.0	0.776	-12.25	39.9	S0409	.07190	9.2106	1.2	F
9004	30026.20	73 22N	54 37E	78.1	202.5	0.986	-12.25	39.9	S0409	.07190	9.2766	1.0	A
9005	30048.20	71 54N	52 26E	77.2	200.7	0.986	-9.80	41.7	S0409	.07190	9.3591	0.8	F
9006	30051.20	71 54N	52 23E	76.3	200.5	0.986	-10.15	41.7	S0409	.07190	9.5982	0.4	V

Handle via
BYEMAN Channels
BYE-8915/84

Approved for Release: 2021/01/22 C05132886

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1165 9007	30053.80	71 34N	52 24E	77.1	200.3	0.986	-10.15	41.7	S0409	.07190	9.4003	0.8	A
9008	30254.20	57 52N	42 12E	76.4	192.1	1.687	-18.20	54.2	S0409	.07190	9.4580	0.4	F
9009	30257.00	57 51N	42 12E	75.3	192.1	1.687	-17.85	54.2	S0409	.07190	9.7301	0.4	V
9010	30268.40	56 44N	43 13E	78.2	191.8	2.033	18.55	55.5	S0409	.09670	9.2756	0.8	F
9011	30274.00	56 44N	43 13E	78.3	191.7	1.810	19.25	55.5	S0409	.09670	9.2519	0.8	A
9012	30287.60	55 29N	42 20E	74.8	191.4	2.170	10.50	56.5	S0409	.07190	9.6372	1.0	F
9013	30293.00	55 26N	42 19E	74.8	191.3	2.033	11.20	56.5	S0409	.07190	9.6724	1.0	A
9014	30316.80	53 26N	41 45E	77.0	190.9	2.170	16.80	58.3	S0409	.07190	9.4415	0.8	F
9015	30322.20	53 26N	41 45E	77.1	190.8	2.033	17.50	58.3	S0409	.07190	9.3938	0.8	A
9016	30348.80	51 40N	39 15E	82.5	190.3	1.810	-31.50	59.3	S0409	.07190	8.8890	0.8	V
9017	30351.80	51 40N	39 16E	83.0	190.3	2.033	-31.15	59.3	S0409	.05410	8.7489	0.8	A
9018	30362.20	48 59N	40 18E	79.5	189.8	2.385	21.70	62.0	S0409	.07190	9.1447	0.6	F
9019	30385.20	48 58N	40 12E	78.6	189.8	2.170	22.05	62.0	S0409	.07190	9.3261	0.6	V
9020	30391.60	48 19N	40 12E	81.4	189.7	2.385	24.50	62.6	S0409	.05410	8.9385	0.8	F
9021	30397.40	48 19N	40 11E	81.6	189.6	2.170	25.20	62.6	S0409	.05410	8.8478	0.8	A
9022	30409.60	47 15N	38 53E	72.3	189.5	2.511	-3.85	63.1	S0409	.07190	10.0187	0.6	F
9023	30414.80	47 15N	38 53E	72.2	189.4	2.511	-3.15	63.1	S0409	.07190	10.0435	0.6	A
9024	30423.40	46 42N	38 13E	75.3	189.3	2.385	-18.90	63.3	S0409	.07190	9.6594	0.4	A
9025	30439.00	45 7N	38 57E	77.4	189.1	2.511	18.20	65.0	S0409	.07190	9.4756	1.0	F
9026	30444.60	45 7N	38 57E	77.8	189.1	2.385	19.25	65.0	S0409	.07190	9.2931	1.0	A
9027	30578.60	35 58N	35 46E	72.9	187.9	2.872	-6.65	70.3	S0409	.07190	9.9363	0.6	F
9028	30583.80	35 56N	35 47E	72.8	187.9	2.872	-5.25	70.4	S0409	.07190	9.9610	0.6	A
9029	30594.40	34 56N	36 35E	85.7	187.8	2.385	30.45	71.5	S0409	.03090	8.5510	1.0	V
9030	30597.60	34 56N	36 35E	87.1	187.8	2.385	30.80	71.5	S0409	.03090	8.2788	1.2	A
9031	30607.40	33 45N	35 60E	76.7	187.7	2.733	18.55	71.6	S0409	.07190	9.5652	0.4	V
9032	30610.20	33 45N	35 60E	77.8	187.7	2.733	18.90	71.6	S0409	.05410	9.2931	0.4	A
9033	30618.40	32 59N	35 6E	73.5	187.7	2.872	-8.75	71.4	S0409	.04090	9.8456	1.2	F
9034	30623.60	32 54N	35 6E	73.4	187.6	3.090	-8.40	71.4	S0409	.04090	9.8703	1.2	A
9035	30629.80	32 6N	34 55E	73.6	187.6	3.090	-9.45	71.6	S0409	.07190	9.8291	1.4	F
9036	30635.00	32 7N	34 55E	73.5	187.6	3.090	-8.75	71.6	S0409	.07190	9.8538	1.6	A
9037	30641.80	31 16N	34 49E	73.3	187.5	3.090	-6.30	71.9	S0409	.04090	9.8786	0.6	F
9038	30644.60	31 16N	34 49E	72.4	187.5	3.090	-5.95	71.9	S0409	.04090	10.1177	0.8	V
9039	30647.60	31 14N	34 48E	73.3	187.5	3.090	-5.95	71.9	S0409	.07190	9.8786	0.4	A
9040	30653.60	30 26N	34 55E	73.9	187.5	3.090	4.55	72.3	S0409	.07190	9.8043	0.4	F
9041	30656.20	30 26N	34 55E	73.2	187.4	3.090	4.90	72.3	S0409	.07190	10.0187	0.4	V
9042	30659.00	30 25N	34 54E	74.1	187.4	3.090	5.25	72.3	S0409	.07190	9.7549	0.4	A
9043	30663.20	29 56N	34 40E	72.5	187.4	3.090	-1.05	72.3	S0409	.07190	10.1095	0.6	V
9044	30670.60	29 37N	34 48E	74.6	187.4	3.090	7.70	72.5	S0409	.04090	9.6689	0.8	A
9045	30688.80	28 0N	34 24E	74.6	187.3	3.090	4.20	72.6	S0409	.04090	9.7219	0.6	F
9046	30691.60	27 60N	34 24E	73.8	187.3	3.090	4.55	72.6	S0409	.04090	9.9280	0.6	V
9047	30696.20	27 52N	34 17E	74.3	187.2	3.090	1.75	72.6	S0409	.07190	9.7501	0.4	A
9048	30748.00	23 59N	32 50E	81.6	187.0	2.872	-26.25	71.8	S0409	.04090	8.8148	0.8	F
9049	30753.80	23 60N	32 49E	81.4	187.0	3.090	-25.90	71.8	S0409	.04090	8.9138	0.8	A
9050	30870.20	15 36N	32 29E	85.3	186.7	2.872	22.75	69.9	S0409	.05410	8.5757	0.6	V
9051	30873.20	15 38N	32 29E	86.6	186.7	2.872	23.10	70.0	S0409	.05410	8.3056	0.6	A
9052	31134.20	2 16S	28 49E	86.5	186.4	3.439	1.40	56.5	S0409	.05410	8.2788	1.0	A
9053	31280.00	12 8S	26 22E	99.8	186.6	3.574	-24.15	47.5	S0409	.05410	7.1739	1.0	A
9054	31506.80	28 12S	24 28E	109.4	187.3	2.872	11.55	33.1	S0409	.05410	6.5224	1.2	F
9055	31514.20	28 40S	24 3E	106.7	187.3	3.090	2.10	32.6	S0409	.07190	6.6791	0.8	F
9056	31522.00	28 43S	24 41E	116.2	187.3	2.511	20.30	32.8	S0409	.05410	6.0689	1.0	A
9057	31550.20	30 55S	23 55E	111.5	187.5	2.733	10.50	30.9	S0409	.05410	6.3245	1.4	A
1166 5001	35194.40	80 38N	57 59E	82.7	225.6	0.629	15.40	31.8	S0255	.05390	8.7313	0.6	F
5002	35197.20	80 38N	58 4E	81.8	224.7	0.629	15.75	31.8	S0255	.05390	8.9375	0.6	V
5003	35563.20	57 23N	21 31E	79.2	192.0	2.033	20.30	54.9	S0255	.03150	9.1683	0.4	F
5004	35568.80	57 20N	21 31E	79.7	191.9	1.810	21.35	54.9	S0255	.03150	9.1024	0.6	A
5005	35578.40	56 33N	21 2E	77.4	191.7	2.033	18.90	55.7	S0255	.03150	9.4816	0.6	V
5006	35581.20	56 33N	21 2E	78.4	191.6	1.810	19.25	55.7	S0255	.03150	9.2390	0.6	A
5007	35602.20	54 43N	20 27E	80.8	191.2	2.033	23.45	57.3	S0255	.03150	8.9352	0.6	F
5008	35608.00	54 43N	20 28E	81.4	191.1	1.810	24.50	57.3	S0255	.03150	8.9127	0.6	A
5009	35666.60	50 21N	18 41E	79.4	190.1	2.170	22.05	60.9	S0255	.03150	9.1601	0.6	F
5010	35669.40	50 21N	18 41E	78.7	190.1	2.170	22.40	60.9	S0255	.03150	9.3362	0.6	V
9001	35197.20	80 38N	58 3E	81.8	224.7	0.629	15.75	31.8	S0409	.09670	8.9385	0.6	V
9002	35200.20	80 38N	58 3E	82.8	223.8	0.417	16.10	31.8	S0409	.09670	8.7406	0.6	A
9003	35563.00	57 23N	21 31E	79.3	192.0	2.033	20.30	54.9	S0409	.07190	9.1694	0.6	F
9004	35568.80	57 20N	21 31E	79.7	191.9	1.810	21.35	54.9	S0409	.07190	9.1034	0.6	A
9005	35575.20	56 34N	21 3E	78.2	191.8	2.033	18.55	55.6	S0409	.07190	9.2849	0.6	F
9006	35578.00	56 34N	21 3E	77.4	191.7	2.033	18.90	55.6	S0409	.07190	9.4828	1.0	V
9007	35581.20	56 33N	21 2E	78.3	191.6	1.810	19.25	55.7	S0409	.07190	9.2501	0.6	A
9008	35602.20	54 43N	20 27E	80.9	191.2	2.033	23.45	57.3	S0409	.07190	8.9362	0.6	F
9009	35608.00	54 43N	20 27E	81.3	191.1	1.810	24.50	57.3	S0409	.07190	8.9138	0.6	A
9010	35629.40	52 59N	18 52E	72.6	190.7	2.170	0.70	58.6	S0409	.07190	9.9775	0.8	F
9011	35634.60	52 59N	18 52E	72.6	190.6	2.170	1.40	58.6	S0409	.07190	9.9858	0.8	A
9012	35660.40	50 49N	18 33E	75.4	190.2	2.385	14.00	60.5	S0409	.07190	9.6229	0.4	F
9013	35669.40	50 21N	18 41E	78.7	190.1	2.170	22.40	60.9	S0409	.07190	9.3343	0.6	V
9014	35672.20	50 21N	18 41E	79.8	190.0	2.170	22.75	60.9	S0409	.07190	9.0705	0.6	A
9015	35676.80	49 53N	18 14E	74.7	190.0	2.170	14.70	61.2	S0409	.07190	9.8291	0.4	V
9016	35681.80	49 53N	17 45E	71.7	189.9	2.385	3.50	61.4	S0409	.07190	10.2249	0.4	V
9017	35684.40	49 55N	17 45E	72.6	189.9	2.385	3.85	61.4	S0409	.07190	9.9858	0.4	A
9018	35694.20	48 51N	17 41E	74.6	189.7	2.385	11.90	62.3	S0409	.07190	9.7501	0.6	F
9019	35697.00	48 51N	17 41E	73.8	189.7	2.385	12.25	62.3	S0409	.07190	9.9445	0.6	V
9020	35708.00	47 58N	16 53E	72.2	189.6	2.385	-4.20	62.8	S0409	.07190	10.0270	0.6	F
9021	35712.40	47 22N	16 35E	72.9	189.5	2.385	-11.20	62.9	S0409	.07190	9.9198	0.4	F
9022	35720.40	46 45N	17 10E	75.1	189.4	2.511	13.30	63.7	S0409	.07190	9.6724	0.8	F
9023	35725.80	46 45N	17 10E	75.4	189.3	2.385	14.35	63.7	S0409	.07190	9.5982	0.8	A
9024	35729.40	46 29N	17 2E	74.6	189.3	2.385	12.25	63.9	S0409	.07190	9.7054	0.6	A

Handle via
BYEMAN Channels
BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1166 9025	35739.00	45 43N	16 6E	72.0	189.2	2.385	-10.85	64.1	S0409	.07190	10.1754	0.4	V
9026	35753.80	44 59N	15 22E	77.5	189.0	2.385	-24.15	64.8	S0409	.07190	9.3178	0.4	F
9027	35756.40	44 54N	15 22E	76.4	189.0	2.385	-23.80	64.8	S0409	.07190	9.5900	0.6	V
9028	35764.80	43 44N	15 56E	72.3	188.9	2.511	1.05	65.7	S0409	.09670	10.0187	0.4	F
9029	35767.40	43 44N	15 55E	71.5	188.9	2.511	1.40	65.7	S0409	.09670	10.2579	0.4	V
9030	35776.20	43 0N	16 11E	75.5	188.8	2.511	16.45	66.4	S0409	.07190	9.7136	0.4	V
9031	35779.00	43 4N	16 11E	76.6	188.8	2.511	16.80	66.4	S0409	.07190	9.4498	0.4	A
9032	35880.20	35 50N	14 31E	79.3	187.9	2.511	22.40	70.7	S0409	.05410	9.2519	0.6	V
9033	35883.20	35 50N	14 31E	80.5	187.9	2.511	22.75	70.7	S0409	.05410	8.9797	0.6	A
9034	35925.40	32 51N	13 28E	74.1	187.6	2.872	9.80	71.7	S0409	.07190	9.9033	0.4	V
9035	35928.00	32 51N	13 27E	75.1	187.6	2.872	10.15	71.7	S0409	.07190	9.6394	0.4	A
9036	35934.60	32 26N	13 5E	73.1	187.6	3.090	-1.05	71.7	S0409	.07190	9.9033	0.4	A
9037	35938.00	32 14N	13 1E	72.8	187.6	3.090	-1.40	71.7	S0409	.07190	9.9445	0.6	A
9038	36255.20	9 57N	8 52E	79.8	186.5	3.439	1.75	66.0	S0409	.05410	9.0522	1.2	F
9039	36261.60	9 54N	8 54E	80.5	186.5	3.439	4.90	66.0	S0409	.05410	8.9385	0.8	A
9040	36264.80	9 40N	8 53E	80.7	186.5	3.211	5.60	65.9	S0409	.05410	8.9168	1.0	A
1167 9001	41221.60	33 20N	8 20W	76.7	187.7	2.733	17.15	71.7	S0409	.07190	9.5847	0.6	V
9002	41225.80	33 10N	8 31W	75.3	187.7	2.733	11.55	71.6	S0409	.07190	9.5900	0.6	A
9003	41248.00	31 26N	9 40W	76.1	187.5	2.872	-16.90	71.6	S0409	.05410	9.4745	1.0	F
9004	41262.00	30 42N	0 49W	79.7	187.5	2.733	21.70	72.6	S0409	.05410	9.1859	1.0	V
9005	41269.60	30 10N	8 57W	79.2	187.4	2.733	19.25	72.6	S0409	.05410	9.1034	1.0	A
9006	41487.00	14 50N	12 28W	77.8	186.6	3.439	-3.15	69.0	S0409	.05410	9.2349	1.2	F
1168 9001	47112.59	7 17S	38 54W	93.8	186.5	3.439	-20.65	51.8	S0409	.05410	7.6357	0.8	F
9002	47192.59	12 57S	38 30W	108.7	186.6	2.733	27.30	47.5	S0409	.05410	6.6131	1.2	F
9003	47197.19	12 60S	38 30W	108.3	186.6	2.511	28.00	47.5	S0409	.05410	6.6474	0.4	V
9004	47211.99	13 24S	40 3W	96.9	186.6	3.574	-14.90	46.0	S0409	.05410	7.4625	0.8	V
9005	47223.99	14 46S	39 17W	98.4	186.6	3.090	13.65	45.6	S0409	.05410	7.3470	1.0	V
9006	47247.39	16 22S	39 36W	99.1	186.7	3.090	12.60	44.2	S0409	.05410	7.2893	1.0	V
9007	47258.99	16 54S	39 46W	100.1	186.7	3.090	10.85	43.7	S0409	.05410	7.0914	1.0	A
9008	47284.99	18 41S	39 50W	106.0	186.8	2.733	18.55	42.1	S0409	.05410	6.6374	1.0	A
9009	47294.79	19 21S	40 3W	104.7	186.8	2.872	15.75	41.5	S0409	.05410	6.7781	1.0	A
9010	47340.19	22 18S	41 46W	104.4	186.9	3.439	-20.65	38.2	S0409	.05410	6.6956	1.2	A
1169 9001	52208.59	6 31N	58 9W	81.3	186.5	3.439	-6.30	63.7	S0409	.05410	8.8726	0.6	F
9002	52211.59	6 31N	58 9W	80.5	186.5	3.439	-5.95	63.7	S0409	.05410	9.0522	0.9	V
9003	52214.59	6 31N	58 10W	81.6	186.5	3.439	-5.60	63.7	S0409	.05410	8.8313	0.6	A
9004	52219.19	6 32N	58 15W	81.9	186.5	3.439	-7.00	63.4	S0409	.05410	8.7983	0.6	A
9005	52352.99	3 4S	60 2W	88.1	186.4	3.574	-12.95	55.6	S0409	.05410	8.1551	0.8	F
9006	52359.79	3 8S	59 59W	87.7	186.4	3.574	-9.45	55.6	S0409	.05410	8.1799	1.0	A
9007	52567.99	17 40S	63 10W	106.6	186.7	3.211	-27.30	42.3	S0409	.05410	6.6474	1.0	F
9008	52575.99	17 47S	63 11W	106.7	186.7	3.439	-26.95	42.3	S0409	.05410	6.7039	0.4	A
9009	52641.19	22 30S	63 51W	104.4	186.9	3.439	-19.95	38.0	S0409	.05410	6.9018	0.6	V
9010	52652.99	23 26S	62 50W	107.0	187.0	2.733	16.80	37.7	S0409	.05410	6.7286	1.0	V
9011	52659.19	24 0S	62 53W	109.9	187.0	2.733	16.55	37.1	S0409	.05410	6.5059	1.0	F
9012	52664.99	24 26S	62 55W	111.1	187.0	2.733	19.60	36.7	S0409	.05410	6.4400	1.0	F
9013	52671.79	24 53S	63 4W	108.1	187.1	2.733	16.80	36.5	S0409	.05410	6.6526	0.8	V
9014	52679.59	25 24S	63 33W	103.3	187.1	3.090	5.60	35.9	S0409	.07190	6.9577	0.8	V
9015	52688.99	25 58S	64 18W	105.2	187.1	3.211	-12.60	34.8	S0409	.07190	6.7698	1.2	F
9016	52696.79	26 30S	64 1W	104.3	187.2	3.090	-0.70	34.5	S0409	.07190	6.8558	0.8	F
9017	52704.19	26 48S	63 33W	109.6	187.2	2.733	14.00	34.7	S0409	.05410	6.4482	1.0	A
9018	52712.59	27 29S	63 34W	110.9	187.2	2.511	17.50	33.9	S0409	.05410	6.4495	0.8	V
9019	52721.19	27 44S	64 19W	105.7	187.3	3.090	-1.75	33.4	S0409	.07190	6.7039	0.8	A
9020	52766.19	31 25S	64 15W	116.7	187.5	2.511	19.25	30.2	S0409	.05410	6.1184	0.6	F
9021	52770.39	31 24S	64 18W	115.9	187.5	2.511	19.60	30.3	S0409	.05410	6.1926	0.6	V
9022	52775.99	31 47S	64 23W	115.1	187.5	2.511	18.20	29.9	S0409	.05410	6.2421	1.0	V
9023	52780.19	31 40S	64 23W	117.0	187.6	2.511	18.55	29.9	S0409	.05410	6.0277	1.0	A
1170 9001	57297.99	21 31N	78 12W	84.5	186.9	2.872	-29.40	71.2	S0409	.05410	8.5462	0.6	F
9002	57304.39	21 26N	77 51W	77.2	186.9	3.090	-14.70	71.5	S0409	.07190	9.4003	0.6	A
9003	57312.59	20 50N	77 36W	76.0	186.8	3.211	0.70	71.7	S0409	.07190	9.5157	0.8	A
9004	57314.39	20 42N	77 37W	76.0	186.8	3.211	0.70	71.6	S0409	.07190	9.5075	0.6	A
9005	57672.99	4 32S	81 12W	104.6	186.4	2.733	29.75	55.1	S0409	.05410	6.9100	0.4	F
9006	57676.79	4 32S	81 14W	103.3	186.4	2.511	24.75	55.1	S0409	.04090	7.0419	0.8	V
9007	57680.59	4 31S	81 13W	105.2	186.4	2.511	30.10	55.1	S0409	.04090	6.7781	0.8	A
1171 5001	62649.38	18 1N	101 12W	92.6	186.7	2.872	-37.80	69.7	S0255	.02260	7.7749	0.8	F
5002	62654.58	17 55N	101 30W	102.1	186.7	2.733	-44.80	69.4	S0255	.02260	7.1648	0.8	V
5003	62658.78	17 51N	101 21W	97.0	186.7	3.090	-40.60	69.5	S0255	.02260	7.5111	0.8	A
9001	62530.98	26 3N	98 14W	79.2	187.1	2.872	17.15	73.0	S0409	.05410	9.1941	0.8	F
9002	62536.78	26 3N	98 15W	79.4	187.1	2.872	17.50	73.0	S0409	.05410	9.0952	0.4	A
9003	62570.38	23 40N	99 58W	76.0	187.0	3.090	7.00	72.5	S0409	.05410	9.5075	0.8	A
9004	62575.58	22 60N	98 57W	77.9	187.0	3.090	12.25	72.5	S0409	.05410	9.3343	0.8	F
9005	62578.58	22 47N	99 0W	77.8	187.0	3.090	11.90	72.4	S0409	.05410	9.3343	1.0	F
9006	62592.38	21 60N	98 53W	82.8	186.9	2.733	22.75	72.5	S0409	.05410	8.8561	0.6	V
9007	62595.38	21 60N	98 53W	84.1	186.9	2.733	23.10	72.5	S0409	.05410	8.5757	0.6	A
9008	62627.78	19 23N	99 33W	79.3	186.8	3.090	14.10	71.5	S0409	.05410	9.1694	0.8	F
9009	62633.38	18 59N	99 34W	80.7	186.8	3.090	18.55	71.4	S0409	.05410	9.0045	0.6	F
9010	62636.18	18 59N	99 34W	79.9	186.8	2.872	18.90	71.4	S0409	.05410	9.1777	0.6	V
1176 9001	2045.17	68 5N	166 34E	76.3	197.5	1.332	2.80	45.0	S0409	.07190	9.4828	0.8	F

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1176 9002	2050.57	69 0N	166 34E	76.1	197.2	1.332	3.15	45.0	S0409	.07190	9.5157	0.8	A
9003	2265.97	53 11N	158 28E	76.4	190.8	2.170	14.70	58.5	S0409	.05410	9.5075	0.6	F
9004	2268.77	53 11N	158 28E	75.6	190.7	2.170	15.05	58.5	S0409	.05410	9.7136	0.4	V
9005	2271.77	52 59N	158 25E	75.3	190.7	2.170	16.10	58.7	S0409	.07190	9.7466	0.6	V
9006	2274.57	52 56N	158 25E	76.3	190.6	2.170	16.45	58.7	S0409	.07190	9.4310	0.4	A
9007	2301.37	50 54N	156 29E	75.4	190.2	2.170	-17.50	60.1	S0409	.05410	9.5735	0.6	F
9008	2304.17	50 54N	156 29E	74.4	190.2	2.170	-17.15	60.1	S0409	.05410	9.8538	0.4	V
9009	2304.77	50 54N	156 30E	75.1	190.1	2.170	-16.80	60.1	S0409	.05410	9.6642	0.6	A
1177 9001	7643.17	48 29N	135 6E	83.0	189.7	2.385	26.25	62.4	S0409	.05410	8.7654	0.6	F
9002	7646.97	48 26N	135 6E	82.6	189.7	2.170	27.30	62.5	S0409	.07190	8.8973	0.8	V
9003	7649.97	48 26N	135 7E	83.8	189.7	2.170	27.65	62.5	S0409	.07190	8.6417	1.2	A
9004	7656.37	47 59N	135 7E	87.3	189.6	2.033	31.50	62.9	S0409	.04090	8.2784	0.6	A
9005	7710.17	44 10N	133 16E	74.1	188.9	2.511	12.95	65.5	S0409	.07190	9.9115	0.6	V
9006	7712.97	44 10N	133 16E	75.1	188.9	2.511	13.30	65.5	S0409	.07190	9.6477	0.4	A
9007	7727.17	42 55N	132 22E	72.4	188.8	2.733	-5.95	66.2	S0409	.07190	10.0105	0.6	F
9008	7732.37	42 55N	132 22E	72.3	188.7	2.733	-5.25	66.2	S0409	.07190	10.0352	0.6	A
117A 9001	12888.76	52 54N	113 39E	72.6	190.7	2.170	2.10	58.6	S0409	.07190	9.9858	0.8	F
9002	12893.96	52 54N	113 39E	72.6	190.6	2.170	2.80	58.6	S0409	.07190	9.9940	0.8	A
9003	12900.76	52 4N	113 27E	73.1	190.5	2.385	4.90	59.3	S0409	.07190	9.9115	0.4	F
9004	12905.76	51 46N	113 1E	72.5	190.4	2.170	-3.85	59.5	S0409	.07190	9.9940	0.8	F
9005	12910.96	51 46N	113 2E	72.4	190.5	2.170	-2.80	59.5	S0409	.07190	10.0270	0.8	A
9006	12914.96	51 29N	113 4E	72.4	190.5	2.385	0.70	59.8	S0409	.07190	10.0187	0.5	A
9007	12916.56	51 22N	113 1E	72.4	190.2	2.385	0.70	59.8	S0409	.07190	10.0270	0.8	A
9008	13062.56	41 11N	110 3E	71.1	188.5	2.733	3.15	67.4	S0409	.05410	10.3268	0.4	V
9009	13066.56	40 44N	109 55E	72.1	188.5	2.733	2.45	67.7	S0409	.05410	10.0682	1.2	F
9010	13071.76	40 44N	109 55E	72.1	188.4	2.733	3.15	67.7	S0409	.05410	10.0517	1.2	A
9011	13083.96	39 52N	109 59E	74.7	183.5	2.733	13.30	68.4	S0409	.05410	9.6972	0.8	A
9012	13106.56	38 10N	109 46E	77.7	188.2	2.511	19.60	69.4	S0409	.05410	9.3178	0.8	A
9013	13152.76	34 41N	109 15E	86.2	187.8	2.511	29.75	71.4	S0409	.05410	8.9603	1.0	F
9014	13155.96	34 40N	109 15E	85.5	187.8	2.511	30.10	71.4	S0409	.05410	8.5922	0.8	V
9015	13161.76	34 26N	109 1E	81.8	187.8	2.511	25.90	71.5	S0409	.05410	8.9715	0.4	V
9016	13164.76	34 26N	109 1E	83.1	187.8	2.511	26.25	71.5	S0409	.05410	8.6994	0.4	A
9017	13177.36	33 41N	107 13E	82.4	187.7	2.511	-30.45	70.8	S0409	.05410	8.7489	1.0	F
9018	13183.16	33 12N	107 13E	82.0	187.6	2.733	-30.10	70.8	S0409	.05410	8.8643	1.0	A
9019	13209.96	31 45N	107 30E	73.2	187.3	3.090	-4.55	71.9	S0409	.07190	9.8951	0.8	A
9020	13220.16	30 14N	106 38E	82.2	187.4	2.733	-29.40	71.6	S0409	.04090	8.7318	0.8	F
9021	13235.36	29 26N	106 27E	81.6	187.4	2.733	-29.75	71.7	S0409	.04090	8.9797	0.5	V
9022	13238.36	29 26N	106 27E	82.1	187.3	2.733	-29.05	71.7	S0409	.04090	8.8478	0.6	A
9023	13266.76	29 1N	106 50E	72.8	187.6	3.211	-4.20	72.4	S0409	.07190	9.9445	0.4	A
9024	13269.16	26 47N	106 47E	73.6	187.2	3.211	3.15	72.6	S0409	.07190	9.8621	0.4	F
9025	13275.36	26 24N	106 16E	75.2	187.2	3.090	-15.40	72.2	S0409	.07190	9.6229	0.6	F
9026	13278.16	26 24N	106 15E	74.2	187.2	3.090	-15.05	72.2	S0409	.07190	9.8786	0.6	V
9027	13283.16	26 17N	105 57E	79.5	187.1	3.090	-25.55	72.0	S0409	.05410	9.1304	0.4	A
9028	13309.56	23 56N	106 40E	81.5	187.0	3.090	20.30	72.8	S0409	.04090	8.9138	1.4	F
9029	13315.36	23 56N	106 37E	81.0	187.0	2.872	19.60	72.8	S0409	.05410	8.9055	1.0	A
9030	13320.96	23 20N	106 35E	81.6	187.0	2.872	22.40	72.8	S0409	.05410	8.9797	0.4	V
9031	13326.76	23 9N	106 27E	80.4	187.0	2.872	18.90	72.7	S0409	.05410	8.9715	0.8	A
9032	13348.56	21 47N	105 53E	77.6	186.9	3.211	10.15	72.0	S0409	.05410	9.3508	0.6	F
9033	13353.16	20 50N	105 45E	76.8	186.9	3.211	7.00	71.8	S0409	.05410	9.4498	0.4	F
9034	13355.76	20 39N	105 45E	76.0	186.9	3.211	7.35	71.8	S0409	.07190	9.6394	0.6	V
9035	13359.76	20 24N	105 43E	76.8	186.9	3.211	7.00	71.8	S0409	.05410	9.4003	0.8	A
9036	13371.16	19 56N	105 29E	75.7	186.8	3.211	4.20	71.4	S0409	.05410	9.6807	0.6	V
9037	13373.96	19 56N	105 28E	76.7	186.8	3.211	4.55	71.4	S0409	.05410	9.4164	0.6	A
1179 5001	16149.16	56 24N	93 42E	79.7	191.6	1.810	21.00	55.8	S0255	.03150	9.1189	0.8	A
9001	18036.56	63 40N	97 33E	77.4	194.7	1.475	15.40	49.1	S0409	.07190	9.4828	0.6	V
9002	18039.36	63 40N	97 34E	78.4	194.6	1.475	15.75	49.1	S0409	.07190	9.2519	0.6	A
9003	18123.36	57 55N	93 8E	74.4	192.1	1.810	-9.80	54.2	S0409	.05410	9.7219	0.8	F
9004	18128.76	57 54N	93 9E	74.2	192.0	1.810	-9.10	54.2	S0409	.05410	9.7879	0.9	A
9005	18144.76	56 49N	93 36E	78.7	191.7	2.033	18.90	55.8	S0409	.07190	9.2271	0.6	F
9006	18155.16	56 2N	92 60F	74.4	191.5	2.033	8.05	56.0	S0409	.07190	9.7584	0.6	A
9007	18324.76	44 12N	88 0E	76.2	189.0	2.385	-21.70	65.0	S0409	.05410	9.4428	0.8	F
9008	18330.16	44 12N	88 0E	75.9	188.9	2.511	-21.00	65.0	S0409	.05410	9.5817	1.0	A
9009	18353.96	42 13N	87 13E	80.9	188.7	2.170	-29.40	66.2	S0409	.05410	8.9138	0.8	F
9010	18358.76	42 13N	87 13E	80.4	188.6	2.385	-29.05	66.2	S0409	.05410	9.0457	0.8	A
9011	18376.96	40 47N	87 14E	73.6	188.3	2.511	-17.50	67.3	S0409	.07190	9.9610	0.6	V
9012	18379.76	40 47N	87 14E	74.4	188.4	2.733	-17.50	67.3	S0409	.07190	9.7714	0.4	A
9013	18561.96	27 40N	85 19E	80.0	187.3	2.872	20.65	73.0	S0409	.05410	9.8869	0.6	F
9014	18567.76	27 40N	85 20E	80.7	187.2	2.733	21.70	73.0	S0409	.05410	9.9385	0.6	A
9015	18696.16	18 40N	82 51E	75.4	186.6	3.211	-8.75	70.7	S0409	.07190	9.7054	0.6	V
9016	18698.96	19 40N	82 50E	76.4	186.8	3.439	-8.75	70.7	S0409	.05410	9.4745	0.6	A
9017	18710.16	17 44N	83 17E	81.2	186.7	3.090	17.50	70.8	S0409	.07190	9.0127	0.8	V
9018	18713.16	17 44N	83 16E	82.2	186.7	3.090	17.50	70.8	S0409	.07190	8.7654	0.8	A
1180 5001	23806.36	32 26N	64 29E	86.2	187.6	2.385	29.75	72.3	S0255	.02260	8.3933	1.0	A
5002	23820.96	31 26N	64 18E	87.9	187.5	2.385	30.80	72.6	S0255	.02260	8.2284	0.8	A
9001	23389.96	60 46N	71 28E	83.1	193.2	1.332	-28.00	51.6	S0409	.07190	8.6929	0.8	F
9002	23395.76	60 45N	71 28E	82.6	193.0	1.475	-27.65	51.6	S0409	.07190	8.7736	1.0	A
9003	23475.16	54 54N	69 17E	77.7	191.2	1.810	-21.35	56.7	S0409	.07190	9.2931	0.4	F
9004	23477.96	54 54N	69 17E	76.5	191.1	1.810	-21.00	56.7	S0409	.07190	9.5735	0.4	V

Handle via
BYEMAN Channels
BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1180 9005	23480.76	54 54N	69 17E	77.3	191.1	2.033	-21.00	56.7	S0409	.07190	9.4003	0.4	A
9006	23538.16	50 54N	68 20E	72.6	190.1	2.385	-5.25	60.4	S0409	.07190	9.9775	0.8	F
9007	23543.36	50 54N	68 20E	72.5	190.1	2.385	-4.55	60.4	S0409	.07190	10.0105	0.8	A
9008	23577.16	47 54N	67 37E	72.3	189.6	2.511	-0.70	62.6	S0409	.05410	10.0270	0.4	F
9009	23579.76	47 54N	67 37E	71.4	189.6	2.511	-0.35	62.6	S0409	.05410	10.2744	0.4	V
9010	23605.96	45 47N	67 50E	81.6	189.2	2.385	24.85	64.5	S0409	.05410	8.9220	0.8	F
9011	23608.96	45 47N	67 50E	80.8	189.2	2.385	25.20	64.5	S0409	.05410	9.0787	0.8	V
9012	23626.16	44 54N	66 16E	73.4	189.0	2.511	-12.95	64.9	S0409	.05410	9.8538	1.2	F
9013	23631.36	44 54N	66 16E	73.2	189.0	2.511	-12.25	64.9	S0409	.05410	9.9115	1.2	A
9014	23680.16	40 6N	65 20E	72.3	188.4	2.733	-4.90	67.9	S0409	.05410	10.0270	0.8	F
9015	23695.36	40 6N	65 21E	72.2	188.4	2.733	-3.85	67.9	S0409	.05410	10.0435	0.8	A
9016	23707.56	39 57N	65 3E	72.4	188.3	2.733	-4.90	68.6	S0409	.05410	10.0105	0.8	F
9017	23712.76	39 57N	65 3E	72.3	188.2	2.872	-4.20	68.6	S0409	.05410	10.0270	0.6	A
9018	23752.76	35 56N	64 46E	73.9	187.9	2.733	11.90	70.5	S0409	.05410	9.9363	1.0	V
1181 5001	28727.95	58 55N	50 1E	74.1	192.4	1.810	9.10	53.7	S0255	.04150	9.9021	0.6	V
5002	28730.75	58 55N	50 1E	75.1	192.3	1.810	9.45	53.7	S0255	.03150	9.6650	0.6	A
5003	28747.15	55 54N	48 50E	74.2	191.5	2.033	10.50	56.1	S0255	.03150	9.8856	0.6	V
5004	28749.95	55 55N	48 50E	75.1	191.4	2.033	10.85	56.1	S0255	.03150	9.6465	0.6	A
5005	28801.95	53 25N	49 7E	95.3	190.8	1.810	38.50	58.5	S0255	.03150	7.7172	0.6	V
5006	28805.55	53 24N	49 7E	96.9	190.8	1.810	38.85	58.5	S0255	.02260	7.4864	0.6	A
9001	28716.75	59 10N	49 49E	73.8	192.6	1.810	-3.15	53.1	S0409	.07190	9.8146	0.6	F
9002	28717.95	59 9N	49 48E	73.7	192.6	1.810	-3.15	53.2	S0409	.07190	9.8208	0.6	F
9003	28721.95	59 14N	49 48E	73.7	192.5	1.810	-3.15	53.1	S0409	.07190	9.8456	0.6	A
9004	28727.95	58 55N	50 0E	74.1	192.4	1.810	9.10	53.7	S0409	.07190	9.9033	0.6	V
9005	28730.75	58 55N	50 0E	75.0	192.3	1.810	9.45	53.8	S0409	.07190	9.6642	0.4	A
9006	28748.95	57 0N	48 23E	75.0	191.9	1.810	-13.65	54.9	S0409	.07190	9.6394	2.2	F
9007	28755.15	56 41N	47 52E	78.3	191.7	1.810	-22.05	55.2	S0409	.07190	9.2271	0.6	F
9008	28757.95	56 41N	47 52E	77.1	191.7	1.810	-21.70	55.2	S0409	.07190	9.4992	0.6	V
9009	28767.15	55 55N	48 50E	74.2	191.5	2.033	10.50	56.1	S0409	.07190	9.8868	0.6	V
9010	28769.95	55 55N	48 50E	75.1	191.4	2.033	10.85	56.1	S0409	.07190	9.6477	0.6	A
9011	28796.15	54 26N	48 21E	76.0	191.1	2.170	13.65	57.4	S0409	.07190	9.5570	0.6	F
9012	28798.95	54 26N	48 20E	75.0	191.1	2.170	13.65	57.4	S0409	.07190	9.7879	0.4	V
9013	28791.75	54 26N	48 20E	76.0	191.0	2.170	14.00	57.4	S0409	.07190	9.5405	0.4	A
9014	28820.75	52 6N	47 7E	73.3	190.5	2.385	4.55	59.2	S0409	.07190	9.8951	1.4	F
9015	28825.95	52 6N	47 8E	73.3	190.4	2.170	5.60	59.3	S0409	.07190	9.8968	1.4	A
9016	28833.55	51 51N	46 10E	74.0	190.3	2.170	-15.75	59.6	S0409	.07190	9.9115	0.6	V
9017	28837.95	51 10N	45 58E	75.1	190.2	2.170	-16.90	59.8	S0409	.07190	9.7631	0.6	V
9018	28840.75	51 10N	45 58E	75.8	190.2	2.170	-16.55	59.8	S0409	.07190	9.5817	0.6	A
9019	28855.15	50 50N	45 16E	79.4	190.0	2.033	-27.30	60.6	S0409	.07190	9.2354	0.6	V
9020	28858.15	50 49N	45 16E	80.1	189.9	2.033	-26.95	60.6	S0409	.07190	9.0787	0.4	A
9021	28868.95	48 46N	46 19E	76.0	189.8	2.385	14.70	62.0	S0409	.07190	9.5570	0.6	F
9022	28871.75	48 47N	46 19E	75.2	189.8	2.385	15.05	62.1	S0409	.07190	9.7549	0.4	V
9023	28875.15	48 21N	46 17E	77.5	189.7	2.385	17.85	62.4	S0409	.07190	9.3838	1.0	F
9024	28880.75	48 21N	46 17E	77.7	189.6	2.385	18.55	62.4	S0409	.07190	9.3096	1.0	A
9025	28897.75	46 55N	44 58E	72.8	189.4	2.511	-6.75	63.2	S0409	.07190	9.9445	0.8	F
9026	28902.95	46 55N	44 58E	72.7	189.4	2.511	-9.05	63.2	S0409	.07190	9.9834	0.8	A
9027	28911.35	46 25N	44 17E	77.9	189.3	2.385	-24.15	63.4	S0409	.07190	9.3261	1.4	A
9028	28942.75	43 47N	44 31E	73.2	188.9	2.733	6.30	65.7	S0408	.04090	9.9115	0.8	F
9029	28947.95	43 47N	44 32E	73.5	188.9	2.511	7.70	65.7	S0409	.04090	9.8703	1.0	A
9030	28972.35	41 51N	44 45E	84.6	188.6	2.385	29.75	67.4	S0408	.05410	8.6746	0.6	V
9031	28975.35	41 51N	44 45E	86.0	188.6	2.170	30.45	67.4	S0409	.05410	8.4108	0.6	A
9032	28984.95	40 50N	44 24E	81.4	188.5	2.385	26.95	67.9	S0408	.05410	9.0210	0.4	V
9033	28987.95	40 50N	44 24E	82.6	188.5	2.385	27.30	67.9	S0409	.05410	8.7409	0.4	A
9034	28996.35	40 15N	44 10E	81.3	188.4	2.385	26.25	68.4	S0409	.05410	9.0292	0.8	V
9035	28999.35	40 15N	44 10E	82.5	188.4	2.385	26.60	68.4	S0408	.05410	8.7571	0.8	A
9036	29045.35	36 55N	42 59E	75.4	188.0	2.733	15.40	70.1	S0409	.07190	9.7384	0.6	V
9037	29048.15	36 55N	42 59E	76.4	188.0	2.733	15.75	70.1	S0409	.05410	9.4663	0.6	A
9038	29056.75	36 24N	42 24E	72.5	187.9	2.872	-1.05	70.1	S0409	.04090	9.9940	1.0	A
9039	29043.35	34 25N	41 9E	81.3	187.8	2.511	-30.10	70.3	S0409	.05410	9.0292	0.8	V
9040	29135.15	30 57N	41 9E	73.1	187.5	3.090	-3.15	72.0	S0404	.07190	9.9115	1.0	A
9041	29403.55	12 10N	37 15E	80.3	186.6	3.439	-17.15	67.2	S0409	.05410	9.0952	0.8	V
9042	29406.55	12 10N	37 15E	81.3	186.6	3.439	-16.80	67.2	S0409	.05410	8.8973	0.8	A
9043	29551.55	2 24N	35 27E	86.8	186.4	3.574	-18.90	60.0	S0408	.05410	8.2933	1.2	A
9044	29561.75	1 36N	35 29E	85.0	186.4	3.574	-12.25	59.5	S0409	.05410	8.4685	1.0	A
9045	29695.95	7 40S	34 56E	103.4	186.5	2.511	26.60	52.3	S0409	.05410	8.8935	1.0	A
9046	29990.35	27 30S	30 20E	105.5	187.3	3.211	-4.55	33.5	S0409	.07190	8.7203	1.0	A
9047	29997.35	28 6S	30 9E	106.1	187.3	3.211	-7.00	33.0	S0409	.07190	8.6874	1.2	A
9048	30002.95	28 30S	29 55E	106.6	187.3	3.211	-9.10	32.1	S0409	.07190	8.6791	1.2	F
9049	30012.15	29 0S	30 19E	107.4	187.4	2.872	3.85	32.2	S0409	.07190	8.5884	1.2	A
9050	30018.95	29 36S	30 24E	109.9	187.4	2.733	9.10	31.8	S0409	.07190	8.4417	1.0	A
1182 5001	33890.75	68 9N	33 56E	74.8	197.4	1.332	2.80	44.9	S0255	.04150	9.7367	0.6	V
5002	33893.55	68 8N	33 56E	75.7	197.3	1.334	3.15	44.9	S0255	.04150	9.5588	0.6	A
9001	33672.95	81 11N	64 29E	80.2	227.4	0.417	-0.70	31.2	S0409	.07190	8.9962	0.8	F
9002	33675.95	81 10N	64 26E	79.2	226.4	0.417	-0.70	31.2	S0409	.07190	9.2354	0.8	V
9003	33688.55	80 36N	58 2E	83.0	222.7	0.286	-16.10	32.1	S0409	.05410	8.6829	0.6	F
9004	33691.55	80 36N	58 2E	81.9	221.8	0.286	-16.10	32.1	S0409	.05410	8.9220	0.6	V
9005	33694.55	80 36N	58 1E	82.8	221.0	0.286	-16.10	32.1	S0409	.09670	8.7324	0.6	A
9006	33877.95	69 29N	32 23E	92.2	198.1	0.986	-35.35	43.5	S0408	.07190	7.8583	0.6	A
9007	33910.15	66 40N	34 21E	86.5	196.5	1.475	28.70	46.4	S0409	.09670	8.4850	0.4	V
9008	33913.35	66 40N	34 21E	87.7	195.3	1.475	29.05	46.4	S0409	.09670	8.2623	0.4	A
9009	34007.35	59 34N	30 16E	97.9	193.0	1.810	36.50	52.8	S0409	.05410	7.4460	0.6	F
9010	34010.75	59 35N	30 15E	96.6	192.9	1.810	38.50	52.8	S0409	.05410	7.6109	0.6	V

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1182 9011	34014.35	59 54N	30 15E	98.2	192.8	1.475	39.20	52.8	S0409	.05410	7.3800	0.6	A
9012	34026.75	58 51N	28 2E	75.0	192.5	2.033	8.48	53.5	S0409	.07190	9.6724	0.8	F
9013	34031.95	58 51N	28 2E	75.0	192.4	2.033	9.10	53.5	S0409	.07190	9.6559	1.0	A
9014	34058.35	56 49N	26 5E	75.6	191.8	1.810	-15.75	55.1	S0409	.07190	9.5652	0.6	F
9015	34063.75	56 49N	26 5E	75.3	191.7	2.033	-15.40	55.1	S0409	.07190	9.6394	0.6	A
9016	34074.15	55 58N	26 34E	74.6	191.4	2.170	9.10	56.3	S0409	.07190	9.7249	0.6	F
9017	34076.95	55 58N	26 34E	73.8	191.4	2.170	9.45	56.3	S0409	.07190	9.9445	0.6	V
9018	34082.95	55 42N	26 52E	78.7	191.3	2.033	19.60	56.6	S0409	.07190	9.1941	0.6	A
9019	34088.55	54 58N	26 23E	76.5	191.2	2.170	15.05	57.2	S0409	.07190	9.4910	0.4	F
9020	34091.15	54 58N	26 23E	75.7	191.1	2.170	15.40	57.2	S0409	.07190	9.6972	1.0	V
9021	34094.55	54 56N	26 22E	76.7	191.1	2.170	15.75	57.3	S0409	.07190	9.4498	0.4	A
9022	34102.35	53 59N	25 12E	72.6	190.9	2.170	-9.45	57.6	S0409	.07190	10.1012	0.6	V
9023	34107.95	53 58N	24 47E	74.4	190.8	2.033	-16.80	57.8	S0409	.07190	9.8538	0.8	V
9024	34110.75	53 57N	24 46E	75.3	190.8	2.033	-16.80	57.8	S0409	.07190	9.6477	0.6	A
9025	34119.95	52 54N	25 22E	73.7	190.6	2.170	7.35	58.6	S0409	.07190	9.8291	0.6	A
9026	34163.15	49 57N	23 59E	72.4	189.9	2.385	-0.35	61.2	S0409	.07190	10.0023	0.6	F
9027	34168.35	49 57N	23 59E	72.4	189.9	2.385	0.35	61.2	S0409	.07190	10.0187	0.6	A
9028	34180.15	48 52N	24 31E	80.9	189.7	2.170	25.90	62.4	S0409	.07190	9.0707	0.4	V
9029	34183.15	48 52N	24 31E	82.1	189.7	2.170	26.25	62.4	S0409	.05410	8.8148	0.4	A
9030	34216.15	45 58N	23 7E	73.4	189.3	2.511	8.75	64.1	S0409	.07190	9.8368	0.4	F
9031	34224.55	45 26N	22 16E	73.8	189.2	2.385	-14.35	64.2	S0409	.07190	9.7961	1.0	F
9032	34229.95	45 27N	22 16E	73.6	189.1	2.511	-13.65	64.2	S0409	.07190	9.8621	0.8	A
9033	34237.95	44 40N	22 39E	72.3	189.0	2.511	6.30	65.1	S0409	.07190	10.1507	0.6	V
9034	34240.75	44 39N	22 39E	73.2	189.0	2.511	6.65	65.1	S0409	.07190	9.9033	0.8	A
9035	34246.55	44 16N	22 26E	72.6	188.9	2.511	3.50	65.3	S0409	.07190	9.9858	0.6	A
9036	34254.95	43 21N	21 55E	72.4	188.8	2.511	-6.65	65.8	S0409	.07190	10.0023	0.6	F
9037	34260.15	43 21N	21 55E	72.3	188.8	2.511	-5.95	65.8	S0409	.07190	10.0352	0.6	A
9038	34269.55	42 56N	21 3E	78.8	188.7	2.385	-27.65	66.0	S0409	.04090	9.3013	0.6	V
9039	34272.55	42 56N	21 3E	79.5	188.7	2.385	-27.30	66.0	S0409	.04090	9.1364	0.4	A
9040	34277.55	42 3N	20 59E	77.4	188.6	2.385	-25.20	66.4	S0409	.07190	9.4745	0.6	V
9041	34280.35	42 3N	20 59E	78.1	188.6	2.385	-24.85	66.4	S0409	.07190	9.3096	0.6	A
9042	34286.75	41 16N	20 45E	79.0	188.5	2.385	-26.60	66.9	S0409	.04090	9.1364	1.0	F
9043	34292.35	41 15N	20 46E	78.3	188.5	2.511	-25.55	66.9	S0409	.04090	9.2766	1.0	A
9044	34297.35	40 40N	20 45E	75.5	188.4	2.511	-22.05	67.3	S0409	.04090	9.7054	0.4	V
9045	34303.95	40 15N	20 22E	81.1	188.4	2.385	-30.45	67.4	S0409	.05410	9.0375	0.4	V
9046	34306.75	40 15N	20 22E	81.8	188.4	2.385	-30.10	67.4	S0409	.05410	8.8890	0.6	A
9047	34416.15	32 9N	20 5E	82.9	187.6	2.733	24.85	72.2	S0409	.05410	8.7901	0.8	F
9048	34419.15	32 9N	20 4E	81.9	187.6	2.511	25.20	72.2	S0409	.05410	8.9583	0.6	V
9049	34422.15	32 9N	20 4E	83.2	187.6	2.511	25.55	72.2	S0409	.05410	8.6029	0.8	A
9050	34445.75	30 41N	18 19E	81.2	187.4	2.872	-28.00	71.5	S0409	.05410	8.9550	1.0	A
9051	34465.95	29 10N	19 5E	76.9	187.3	2.872	13.65	72.7	S0409	.05410	9.4003	1.0	A
9052	34711.15	12 9N	15 3E	81.4	186.6	3.439	-19.95	67.0	S0409	.05410	8.9715	0.8	V
9053	34714.15	12 9N	15 3E	82.3	186.6	3.439	-19.60	67.0	S0409	.05410	8.7818	0.8	A
1183 9001	39474.95	49 9N	1 31E	72.7	189.3	2.385	-6.65	61.5	S0409	.07190	9.9693	0.6	F
9002	39480.15	49 9N	1 31E	72.5	189.3	2.385	-5.95	61.5	S0409	.07190	10.0023	0.6	A
9003	39495.15	48 8N	1 24E	72.4	189.3	2.385	0.70	62.4	S0409	.07190	10.0187	0.8	A
9004	39525.35	45 43N	0 14E	73.9	189.2	2.385	-14.35	64.0	S0409	.07190	9.7879	1.0	F
9005	39530.55	45 44N	0 14E	73.7	189.2	2.385	-13.65	64.0	S0409	.07190	9.8568	1.0	A
9006	39537.35	44 50N	0 31W	81.7	189.1	2.170	-29.75	64.4	S0409	.05410	8.8231	0.8	F
9007	39681.75	35 3N	1 27W	79.6	187.8	2.511	22.75	71.1	S0409	.04090	9.2189	0.6	V
9008	39684.75	35 3N	1 27W	80.8	187.8	2.511	23.10	71.1	S0409	.04090	8.9464	0.6	A
9009	39688.95	34 52N	1 25W	82.5	187.8	2.511	27.30	71.4	S0409	.05410	8.8973	0.6	V
9010	39691.95	34 52N	1 25W	83.8	187.8	2.511	27.65	71.4	S0409	.05410	8.6252	0.6	A
1185 9001	50729.54	4 58N	52 20W	83.2	186.4	3.574	-12.60	62.1	S0409	.05410	8.6499	0.4	A
9002	50843.94	2 47S	54 17W	100.0	186.4	3.439	-32.90	55.5	S0409	.05410	7.2069	1.0	A
9003	50937.94	3 18S	54 57W	93.3	186.5	3.574	-16.80	50.1	S0409	.05410	7.6764	0.8	A
9004	51010.94	14 46S	55 58W	97.8	186.6	3.439	-18.20	45.2	S0409	.05410	7.3141	0.8	F
9005	51019.74	15 25S	55 57W	96.6	186.6	3.439	-14.00	44.7	S0409	.05410	7.4048	1.0	F
9006	51026.34	15 51S	55 49W	95.5	186.7	3.439	-6.30	44.4	S0409	.07190	7.5067	0.8	F
9007	51031.34	16 11S	55 58W	96.2	186.7	3.439	-9.45	44.1	S0409	.07190	7.4460	0.8	F
9008	51039.34	16 42S	56 26W	101.1	186.7	3.439	-21.35	43.4	S0409	.05410	7.0667	0.8	F
9009	51045.14	16 53S	56 10W	96.2	186.7	3.439	-11.20	43.4	S0409	.07190	7.5202	1.0	V
9010	51050.54	17 1S	56 4W	96.9	186.7	3.439	-6.65	43.3	S0409	.05410	7.3665	0.8	A
9011	51170.74	25 11S	57 30W	103.3	187.1	3.211	-2.45	35.8	S0409	.07190	6.8588	1.4	A
9012	51180.14	26 20S	57 50W	103.9	187.1	3.211	-6.65	34.7	S0409	.07190	6.8605	1.0	F
9013	51186.94	26 52S	57 20W	107.5	187.2	2.872	11.20	34.4	S0409	.05410	6.6461	1.0	F
9014	51191.54	26 39S	57 7W	111.2	187.2	2.511	17.15	34.7	S0409	.05410	6.3658	0.4	A
9015	51196.94	27 19S	57 6W	112.7	187.2	2.511	20.30	34.2	S0409	.05410	6.3905	1.2	V
9016	51203.14	27 20S	57 31W	108.0	187.2	2.733	10.15	33.9	S0409	.05410	6.5472	1.2	A
9017	51210.54	28 27S	57 49W	107.0	187.3	2.872	6.65	32.9	S0409	.07190	6.6709	1.0	F
9018	51221.74	29 11S	58 4W	106.8	187.3	3.090	3.50	32.1	S0409	.07190	6.6709	0.8	F
9019	51225.74	29 12S	58 4W	106.1	187.3	2.872	4.55	32.1	S0409	.07190	6.7781	0.6	V
9020	51229.74	29 45S	58 3W	108.4	187.4	2.872	7.35	31.7	S0409	.07190	6.5802	0.6	F
9021	51233.34	29 44S	57 58W	108.5	187.4	2.872	10.15	31.7	S0409	.07190	6.6296	1.0	V
9022	51237.34	29 43S	58 5W	108.9	187.4	2.872	7.35	31.7	S0409	.07190	6.4977	1.4	A
9023	51244.74	30 51S	58 46W	107.7	187.4	3.090	-5.95	30.4	S0409	.07190	6.6141	1.0	F
9024	51255.54	31 16S	57 59W	114.3	187.5	2.511	17.85	30.4	S0409	.05410	6.2833	1.6	V
9025	51261.74	31 24S	57 59W	116.9	187.5	2.385	18.90	30.3	S0409	.05410	6.0359	1.0	A
9026	51280.14	33 0S	59 17W	109.7	187.6	3.090	-6.65	28.3	S0409	.07190	6.4812	1.0	F
9027	51285.54	33 12S	59 14W	108.6	187.7	2.872	-4.20	28.2	S0409	.07190	6.6131	1.0	V
9028	51292.14	33 27S	59 12W	110.4	187.7	2.872	0.70	27.6	S0409	.07190	6.4400	0.6	F
9029	51296.14	33 36S	59 12W	109.5	187.7	2.872	1.05	27.6	S0409	.07190	6.5554	0.8	V
9030	51302.74	34 39S	59 26W	110.9	187.8	2.872	-1.40	26.9	S0409	.07190	6.4152	0.8	F
9031	51308.14	34 26S	59 20W	111.5	187.8	2.872	1.05	27.1	S0409	.07190	6.3328	0.8	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1185 9032	51324.74	35 04S	59 48W	112.3	187.9	2.872	-4.55	26.0	S0409	.07190	6.2916	1.2	A
9033	51333.74	36 40S	59 52W	112.7	188.0	2.872	0.00	24.9	S0409	.07190	6.2998	0.8	F
9034	51341.14	36 59S	59 45W	112.7	188.0	2.733	4.55	24.8	S0409	.07190	6.3575	0.6	V
9035	51345.34	36 59S	59 45W	114.5	188.1	2.733	5.25	24.8	S0409	.07190	6.1596	0.6	A
1186 9001	55813.34	19 56N	71 40W	76.1	186.8	3.211	-7.35	71.1	S0409	.05410	9.5075	1.0	F
9002	55839.34	17 56N	71 38W	77.0	186.7	3.211	7.35	70.7	S0409	.05410	9.5157	1.0	V
9003	56076.74	1 40N	74 11W	90.8	186.4	2.872	19.25	60.2	S0409	.05410	7.8913	1.0	A
9004	56275.74	12 1S	77 8W	91.7	186.6	3.439	-3.15	47.9	S0409	.07190	7.9078	0.6	V
9005	56279.14	12 1S	77 8W	93.0	186.6	3.439	-2.45	47.9	S0409	.07190	7.6851	0.6	A
1187 9001	60836.14	38 01N	90 17W	78.8	188.2	2.511	-25.90	68.3	S0409	.05410	9.1612	3.8	F
9002	60843.74	38 40N	90 19W	78.4	188.2	2.511	-25.20	68.4	S0409	.05410	9.2684	3.8	A
9003	61134.94	18 12N	93 55W	76.4	186.8	3.439	-3.15	70.6	S0409	.05410	9.4745	0.8	F
9004	61143.14	18 7N	94 36W	84.7	186.7	3.211	-28.35	70.0	S0409	.05410	8.5674	0.6	A
1188 9001	66111.93	40 01N	111 24W	71.5	188.5	2.733	-7.35	67.6	S0409	.05410	10.1259	0.8	F
9002	66117.13	40 01N	111 25W	71.4	188.4	2.733	-6.65	67.6	S0409	.05410	10.1589	0.6	A
1192 9001	594.32	64 42N	170 27E	76.8	195.2	1.687	8.05	48.2	S0409	.05410	9.4250	0.8	F
9002	599.72	64 42N	170 28E	76.9	195.0	1.475	9.10	48.2	S0409	.05410	9.4250	1.0	A
9003	736.72	55 10N	165 59E	81.2	191.3	2.033	24.15	56.8	S0409	.07190	9.0475	0.4	V
9004	739.72	55 10N	165 58E	82.2	191.2	1.810	24.50	56.8	S0409	.07190	8.8149	0.4	A
9005	1688.92	9 37S	151 12E	100.1	186.5	2.872	19.95	50.1	S0409	.04090	7.1244	0.8	A
1193 5001	6859.12	0 23S	129 54E	85.0	186.4	3.574	-10.85	57.9	S0255	.02260	8.5664	0.6	V
9001	6074.12	53 00N	141 3E	82.4	190.5	1.687	-28.70	57.7	S0409	.05410	8.7654	0.4	F
9002	6077.12	53 00N	141 3E	81.1	190.8	1.687	-28.35	57.7	S0409	.05410	9.0457	0.4	V
9003	6082.72	52 56N	141 16E	76.3	190.7	2.033	-18.55	58.4	S0409	.05410	9.4745	0.4	F
9004	6085.32	52 56N	141 15E	75.4	190.6	2.033	-15.55	58.4	S0409	.05410	9.7301	0.6	V
9005	6097.92	51 48N	141 41E	73.5	190.4	2.385	4.20	59.5	S0409	.07190	9.8621	0.8	F
9006	6103.12	51 48N	141 42E	73.5	190.3	2.170	5.25	59.5	S0409	.07190	9.8621	1.0	A
9007	6130.52	49 14N	140 15E	73.0	189.8	2.385	-12.60	61.4	S0409	.05410	10.0317	0.6	V
9008	6141.32	49 10N	140 15E	73.7	189.8	2.385	-12.25	61.4	S0409	.05410	9.8548	0.4	A
1194 9001	11231.71	63 40N	125 33E	76.7	194.7	1.687	9.10	49.1	S0409	.07190	9.4415	0.8	F
9002	11237.31	63 42N	125 33E	76.6	194.5	1.475	9.80	49.1	S0409	.07190	9.4580	0.8	A
9003	11265.71	61 49N	122 26E	83.4	193.6	1.332	-29.05	50.5	S0409	.07190	8.7736	0.6	V
9004	11268.71	61 49N	122 26E	84.1	193.5	1.332	-28.70	50.6	S0409	.07190	8.6334	0.6	A
9005	11571.91	40 37N	116 8E	72.0	188.5	2.733	2.45	67.7	S0409	.07190	10.0682	0.6	F
9006	11579.11	40 4N	116 24E	76.6	188.4	2.733	16.10	68.2	S0409	.07190	9.4910	0.4	F
9007	11582.91	40 14N	116 26E	77.0	188.4	2.511	17.15	68.2	S0409	.07190	9.4085	0.6	A
9008	11584.51	40 5N	116 24E	76.9	188.4	2.511	17.15	68.2	S0409	.07190	9.4085	0.4	A
9009	11588.11	39 49N	116 25E	78.3	188.3	2.511	14.60	68.4	S0409	.05410	9.2436	0.6	A
9010	11596.91	39 6N	115 20E	72.4	188.3	2.733	-12.95	68.3	S0409	.07190	10.1259	0.4	V
9011	11600.11	38 54N	115 20E	72.3	188.2	2.733	-10.85	68.5	S0409	.05410	10.1424	1.6	V
9012	11605.51	38 30N	115 3E	74.2	188.2	2.733	-17.85	68.6	S0409	.07190	9.8868	0.8	V
9013	11610.31	38 5N	114 48E	77.1	188.2	2.511	-22.40	68.8	S0409	.05410	9.3591	1.8	F
9014	11617.71	37 41N	115 3E	72.3	188.1	2.733	-10.50	69.2	S0409	.07190	10.1424	0.4	V
9015	11624.11	37 16N	114 28E	79.1	188.1	2.511	-25.90	69.2	S0409	.05410	9.1199	0.6	F
9016	11626.71	36 55N	114 27E	78.9	188.0	2.511	-25.55	69.3	S0409	.05410	9.1447	0.8	F
9017	11632.31	36 30N	114 26E	78.5	188.0	2.733	-25.20	69.3	S0409	.05410	9.2601	1.0	A
9018	11637.71	36 9N	114 21E	77.5	188.0	2.733	-23.10	69.7	S0409	.05410	9.3178	0.8	F
9019	11640.91	35 56N	114 19E	77.2	187.9	2.733	-22.40	69.8	S0409	.05410	9.3591	0.4	F
9020	11646.71	35 30N	113 48E	87.1	187.9	2.511	-35.70	69.7	S0409	.04090	8.2623	1.2	F
9021	11653.51	35 17N	113 57E	80.4	187.8	2.511	-29.05	69.9	S0409	.05410	9.1034	0.4	V
9022	11656.51	35 17N	113 57E	81.2	187.8	2.733	-29.05	70.0	S0409	.05410	8.9550	0.4	A
9023	11661.11	34 54N	113 42E	83.8	187.8	2.511	-32.20	70.2	S0409	.04090	8.5922	0.4	F
9024	11666.11	34 10N	113 28E	88.4	187.8	2.385	-36.75	70.2	S0409	.04090	8.1469	0.8	F
9025	11672.31	34 14N	113 29E	87.2	187.7	2.511	-35.70	70.2	S0409	.04090	8.3283	1.0	A
9026	11677.31	33 26N	113 37E	80.4	187.7	2.511	-27.30	70.7	S0409	.05410	8.9715	0.4	F
9027	11683.91	32 58N	113 52E	74.7	187.7	2.733	-15.40	71.1	S0409	.05410	9.6807	0.6	F
9028	11687.51	32 30N	113 55E	72.7	187.6	2.733	-12.60	71.2	S0409	.07190	10.0765	1.4	V
9029	11692.91	32 00N	114 1E	72.2	187.6	2.733	-5.25	71.5	S0409	.05410	10.1672	0.6	V
9030	11697.71	32 9N	114 2E	72.2	187.5	3.090	-1.75	71.6	S0409	.07190	10.1672	0.4	V
9031	11702.11	31 50N	114 5E	72.3	187.6	3.090	3.15	71.8	S0409	.07190	10.1424	1.0	V
9032	11707.11	31 16N	114 3E	74.1	187.5	3.090	5.95	72.0	S0409	.05410	9.7961	0.6	F
9033	11712.51	30 56N	113 56E	73.9	187.5	3.090	4.55	72.1	S0409	.07190	9.8208	0.4	F
9034	11719.31	30 30N	114 22E	81.0	187.5	2.872	23.45	72.6	S0409	.05410	9.0622	0.4	V
9035	11722.31	30 30N	114 22E	82.2	187.4	2.872	25.80	72.6	S0409	.05410	8.7901	0.4	A
9036	11740.11	29 16N	113 10E	73.5	187.4	3.090	-12.25	72.1	S0409	.07190	9.9693	0.6	V
9037	11742.91	29 10N	113 9E	74.3	187.3	3.090	-11.90	72.1	S0409	.07190	9.7549	0.4	A
9038	11752.11	28 10N	113 0E	74.3	187.3	3.090	-10.50	72.2	S0409	.07190	9.7486	1.0	F
9039	11757.11	27 54N	112 54E	74.6	187.3	3.090	-11.90	72.2	S0409	.07190	9.6972	0.4	F
9040	11759.71	27 54N	112 54E	73.7	187.3	3.090	-11.55	72.2	S0409	.07190	9.9528	0.6	V
9041	11762.51	27 54N	112 54E	74.5	187.2	3.090	-11.20	72.2	S0409	.07190	9.7301	0.4	A
9042	11770.71	26 58N	112 39E	75.4	187.2	3.090	-14.70	72.2	S0409	.07190	9.5817	0.6	F
9043	11775.51	26 49N	112 39E	74.2	187.2	3.090	-12.95	72.2	S0409	.07190	9.8786	0.6	V
9044	11778.31	26 49N	112 39E	75.0	187.2	3.090	-12.60	72.3	S0409	.07190	9.6724	0.4	A
9045	11787.71	25 55N	113 4E	75.7	187.1	3.090	11.55	72.8	S0409	.07190	9.6807	0.4	V
9046	11790.51	25 55N	113 4E	76.8	187.1	3.090	11.90	72.8	S0409	.05410	9.4085	0.4	A

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1194 9047	11792.31	25 47N	113 2E	76.9	187.1	3.090	11.90	72.8	S0409	.05410	9.4003	1.2	A
9048	11796.11	25 42N	112 59E	76.7	187.1	3.090	12.25	72.8	S0409	.05410	9.4168	0.4	A
9049	11837.91	22 44N	111 37E	79.3	186.9	3.211	-22.05	71.6	S0409	.05410	9.1384	0.4	A
9050	11921.31	16 20N	111 31E	84.3	186.7	3.090	20.65	70.3	S0409	.05410	8.6087	0.6	F
9051	11924.31	16 20N	111 31E	83.7	186.7	2.872	21.35	70.3	S0409	.05410	8.7489	0.6	V
9052	11931.11	15 49N	111 13E	80.7	186.7	3.090	13.65	69.8	S0409	.07190	8.9480	0.4	F
9053	11934.11	15 49N	111 12E	80.0	186.7	3.090	14.00	69.8	S0409	.07190	9.1447	0.6	V
9054	12249.71	6 0S	106 55E	88.9	186.5	3.574	-5.95	53.1	S0409	.07190	8.0892	0.6	F
9055	12252.91	6 0S	106 55E	88.0	186.5	3.574	-5.60	53.2	S0409	.07190	8.2541	0.6	V
9056	12256.51	6 20S	106 52E	88.2	186.5	3.574	-5.60	52.9	S0409	.05410	8.2376	0.6	V
9057	12259.71	6 19S	106 52E	89.4	186.5	3.574	-5.25	52.9	S0409	.05410	8.0150	0.6	A
1195 9001	16664.91	55 57N	98 2E	77.7	191.4	1.810	-21.00	55.8	S0409	.07190	9.3426	0.6	A
9002	16975.31	34 14N	92 27E	70.5	187.8	2.872	1.40	71.0	S0409	.07190	10.2309	0.6	F
9003	17042.11	29 40N	91 5E	72.8	187.4	3.090	-14.00	72.0	S0409	.07190	9.9363	0.4	F
9004	17044.71	29 40N	91 5E	71.9	187.4	3.090	-13.65	72.0	S0409	.07190	10.2092	0.6	V
1196 9001	22274.71	34 51N	71 6E	80.9	187.8	2.733	24.15	71.1	S0255	.03150	8.9952	0.8	F
9002	22279.71	34 41N	71 11E	83.1	187.8	2.511	28.35	71.3	S0255	.03150	8.8385	1.6	V
9003	22288.71	34 8N	70 29E	73.1	187.7	2.872	8.40	71.1	S0255	.03150	10.0424	0.8	V
9001	22107.51	46 29N	72 52E	75.1	189.3	2.385	-18.20	63.4	S0409	.07190	9.6229	1.4	F
9002	22112.91	46 29N	72 52E	74.8	189.3	2.385	-17.50	63.4	S0409	.07190	9.7136	1.4	A
9003	22156.91	43 0N	72 44E	73.4	188.8	2.733	9.45	66.2	S0409	.05410	9.8373	0.8	F
9004	22162.11	43 0N	72 45E	74.1	188.7	2.511	10.85	66.2	S0409	.05410	9.7796	1.0	A
9005	22185.11	40 20N	71 46E	72.2	188.4	2.733	-0.35	67.8	S0409	.05410	10.0465	1.2	F
9006	22200.31	40 20N	71 46E	72.2	188.4	2.733	0.35	67.8	S0409	.05410	10.0435	1.0	A
1197 5001	27229.91	59 20N	56 45E	76.1	192.6	1.810	11.55	52.9	S0255	.03150	9.5394	0.8	A
5002	27250.71	57 50N	53 17E	101.0	192.1	1.113	-43.75	53.8	S0130	.02260	7.1153	0.6	F
5003	27257.91	57 50N	53 17E	100.3	191.9	1.475	-43.75	53.8	S0130	.02260	7.2308	0.6	A
5004	27275.31	56 17N	54 17E	74.1	191.6	2.033	-13.30	55.5	S0130	.03150	9.9021	0.6	V
5005	27278.11	56 17N	54 16E	74.9	191.5	2.033	-13.50	55.5	S0130	.03150	9.7043	0.6	A
9001	27072.71	69 47N	61 36E	86.7	198.8	0.776	-28.35	43.2	S0409	.05410	8.3036	0.6	F
9002	27075.71	69 47N	61 35E	85.7	198.8	0.986	-28.70	43.2	S0409	.05410	8.5545	0.6	V
9003	27078.91	69 47N	61 36E	86.3	198.4	0.986	-28.35	43.2	S0409	.05410	8.3943	0.6	A
9004	27107.71	67 7N	62 39E	83.5	196.9	1.475	-22.75	45.9	S0409	.07190	8.6829	1.0	F
9005	27113.71	67 7N	62 40E	84.7	196.6	1.332	-23.45	45.9	S0409	.07190	8.6499	1.0	A
9006	27200.91	61 19N	56 37E	75.2	193.4	1.687	-14.00	51.1	S0409	.07190	9.7384	0.6	V
9007	27203.71	61 19N	56 37E	76.0	193.3	1.687	-13.65	51.1	S0409	.07190	9.5487	0.6	A
9008	27214.31	60 17N	57 18E	75.9	193.0	1.810	13.30	52.2	S0409	.07190	9.6642	0.4	V
9009	27217.11	60 17N	57 18E	76.9	192.9	1.810	13.65	52.2	S0409	.07190	9.4250	0.4	A
9010	27250.51	57 50N	53 17E	101.1	192.1	1.113	-43.75	53.8	S0409	.05410	7.1162	0.6	F
9011	27257.91	57 50N	53 17E	100.3	191.9	1.475	-43.75	53.8	S0409	.05410	7.2316	0.4	A
9012	27264.71	57 0N	54 9E	78.4	191.8	1.687	-23.45	54.8	S0409	.07190	9.4508	0.4	V
9013	27267.51	57 0N	54 9E	79.0	191.7	1.687	-23.10	54.8	S0409	.07190	9.1459	0.4	A
9014	27272.51	56 17N	54 16E	75.1	191.6	2.033	-13.65	55.5	S0409	.07190	9.6612	0.6	F
9015	27275.31	56 17N	54 16E	74.1	191.6	2.033	-13.30	55.5	S0409	.07190	9.9053	0.6	V
9016	27306.31	54 6N	54 7E	72.9	191.0	2.170	5.95	57.5	S0409	.07190	10.0606	0.6	V
9017	27327.11	52 50N	52 51E	74.5	190.6	2.033	-13.65	58.6	S0409	.07190	9.7054	0.6	F
9018	27332.51	52 34N	52 51E	74.2	190.5	2.170	-12.95	58.7	S0409	.07190	9.7796	0.6	A
9019	27340.71	51 40N	52 18E	76.4	190.4	2.033	-19.60	59.3	S0409	.07190	9.4580	0.8	F
9020	27346.11	51 40N	52 19E	75.9	190.3	2.170	-18.90	59.3	S0409	.07190	9.5570	1.0	A
9021	27429.51	45 26N	51 47E	80.8	189.2	2.385	23.45	64.7	S0409	.05410	8.9962	0.4	F
9022	27432.51	45 26N	51 47E	80.0	189.2	2.385	23.10	64.7	S0409	.07190	9.1694	0.4	V
9023	27442.91	44 40N	50 20E	74.3	189.0	2.511	-15.40	64.7	S0409	.07190	9.7301	0.6	F
9024	27448.31	44 24N	50 19E	74.1	189.0	2.511	-14.70	64.7	S0409	.07190	9.8043	0.6	A
9025	27503.71	40 24N	49 57E	74.5	188.4	2.733	10.50	67.9	S0409	.07190	9.7466	0.6	F
9026	27506.51	40 24N	49 57E	73.7	188.4	2.733	10.85	67.9	S0409	.07190	9.9528	0.6	V
9027	27563.91	36 41N	49 29E	72.2	188.0	2.872	-8.75	69.7	S0409	.07190	10.0517	0.6	A
9028	27616.91	32 42N	47 18E	76.8	187.6	2.733	-20.65	71.1	S0409	.04090	9.4085	1.2	F
9029	27626.91	32 11N	47 26E	73.0	187.6	2.872	-10.85	71.4	S0409	.07190	10.0352	1.4	V
9030	27651.91	30 50N	47 41E	76.3	187.4	2.872	12.60	72.3	S0409	.04090	9.4828	0.8	A
9031	27693.71	27 41N	47 19E	81.5	187.2	2.733	22.05	73.0	S0409	.05410	8.8478	1.4	A
9032	27732.51	25 1N	46 35E	78.0	187.1	2.872	14.70	72.8	S0409	.05410	9.2601	1.2	A
9033	27866.50	15 41N	43 57E	80.4	186.7	3.211	-21.70	69.0	S0409	.05410	9.0375	0.8	V
9034	27869.51	15 41N	43 57E	81.8	186.7	3.439	-21.70	69.0	S0409	.05410	8.8561	0.8	A
9035	27881.70	14 54N	44 25E	76.8	186.6	3.211	5.95	69.0	S0409	.07190	9.5240	0.6	V
9036	27884.51	14 54N	44 26E	77.9	186.6	3.211	6.30	69.0	S0409	.05410	9.2601	0.6	A
9037	27892.70	13 40N	44 45E	86.5	186.6	2.872	24.50	68.9	S0409	.05410	8.4520	0.8	V
9038	27895.91	13 40N	44 45E	88.0	186.6	2.872	24.85	68.9	S0409	.05410	8.1799	0.8	A
9039	27907.51	12 47N	44 3E	78.3	186.6	3.211	3.50	67.9	S0409	.05410	9.3426	0.4	V
9040	27910.50	12 47N	44 2E	79.3	186.6	3.439	3.50	67.9	S0409	.05410	9.0869	0.4	A
9041	27950.71	9 50N	43 20E	79.1	186.5	3.439	-3.85	65.7	S0409	.05410	9.1364	0.8	F
9042	27957.71	9 24N	42 45E	85.4	186.5	3.439	-25.20	65.1	S0409	.05410	8.5427	1.2	V
9043	27972.71	8 16N	43 34E	84.3	186.5	3.090	16.45	65.1	S0409	.04090	8.6664	0.8	V
9044	27975.91	8 16N	43 34E	85.6	186.5	3.090	16.80	65.1	S0409	.04090	8.3943	0.8	A
9045	28012.31	5 52N	42 6E	88.1	186.4	3.574	-25.55	62.6	S0409	.05410	8.2046	0.8	A
9046	28096.90	0 20S	42 34E	102.6	186.4	2.511	31.50	58.7	S0409	.05410	7.0997	0.8	V
9047	28100.70	0 20S	42 34E	104.5	186.4	2.511	31.85	58.7	S0409	.05410	6.8358	0.8	A
9048	28137.70	2 50S	40 13E	102.6	186.4	3.211	-35.70	55.3	S0409	.05410	7.0749	0.4	V
9049	28141.30	2 50S	40 13E	103.4	186.4	3.439	-35.35	55.3	S0409	.05410	6.9760	0.6	A
1198 5001	32560.50	54 2N	33 1E	74.4	192.1	2.033	-10.50	54.0	S0130	.03150	9.7628	1.0	A

Handle via
BYEMAN Channels
BYE-8915/84

Approved for Release: 2021/01/22 C05132886

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1198 9001	32407.50	68 5N	39 30E	75.4	197.3	1.332	-6.65	44.9	S0409	.07190	9.7054	0.4	V
9002	32410.10	68 5N	39 31E	76.2	197.2	1.332	-6.30	44.9	S0409	.07190	9.5075	0.6	A
9003	32607.10	54 26N	32 29E	76.7	191.1	2.170	15.05	57.4	S0409	.07190	9.4745	1.0	F
9004	32612.70	54 22N	32 29E	76.8	191.0	2.033	15.75	57.4	S0409	.07190	9.4333	0.8	A
9005	32637.70	52 26N	30 6E	81.7	190.6	1.810	-26.35	58.6	S0409	.07190	8.8313	0.6	F
9006	32643.50	52 26N	30 4E	81.1	190.5	2.033	-28.00	58.6	S0409	.07190	8.9550	0.6	A
9007	32652.50	51 26N	30 7E	76.3	190.3	2.033	-19.25	59.5	S0409	.07190	9.4328	0.8	F
9008	32658.10	51 25N	30 7E	76.0	190.2	2.170	-18.90	59.5	S0409	.07190	9.5570	0.6	A
9009	32663.70	50 58N	30 13E	73.3	190.2	2.170	-9.45	60.3	S0409	.07190	9.8703	0.8	F
9010	32668.90	50 56N	30 12E	73.1	190.1	2.385	-9.10	60.3	S0409	.07190	9.9289	0.8	A
9011	32677.90	49 47N	30 29E	72.9	189.9	2.385	7.70	61.1	S0409	.07190	10.0682	0.4	V
9012	32680.50	49 47N	30 30E	73.8	189.9	2.385	8.05	61.1	S0409	.07190	9.8208	0.6	A
9013	32693.10	48 49N	30 3E	72.2	189.7	2.385	4.90	61.9	S0409	.07190	10.1589	0.4	V
9014	32695.70	48 49N	30 3E	73.1	189.7	2.385	5.25	61.9	S0409	.07190	9.9196	0.4	A
9015	32705.50	47 53N	29 57E	73.4	189.6	2.385	10.15	62.6	S0409	.07190	10.0023	0.6	V
9016	32708.30	47 53N	29 57E	74.3	189.5	2.385	10.50	62.6	S0409	.07190	9.7466	0.4	A
9017	32718.50	47 5N	28 52E	73.7	189.4	2.385	-16.10	62.9	S0409	.07190	9.9610	0.6	V
9018	32721.30	47 5N	28 52E	74.4	189.4	2.385	-15.75	63.0	S0409	.07190	9.7651	0.6	A
9019	32731.70	46 48N	29 18E	72.6	189.3	2.511	7.00	64.0	S0409	.07190	10.1095	0.6	V
9020	32734.50	46 48N	29 18E	73.5	189.2	2.511	7.35	64.0	S0409	.07190	9.8621	0.4	A
9021	32740.90	45 49N	28 37E	73.2	189.2	2.511	-11.20	64.0	S0409	.07190	9.9115	0.4	A
9022	32747.70	44 50N	28 26E	72.9	189.1	2.511	-10.50	64.6	S0409	.07190	9.9198	0.4	F
9023	32757.30	44 11N	28 40E	73.0	189.0	2.511	4.20	65.3	S0409	.09670	9.9445	0.4	F
9024	32759.90	44 11N	28 40E	72.1	188.9	2.511	4.55	65.3	S0409	.09670	10.1754	0.4	V
9025	32765.10	43 50N	28 33E	72.1	188.9	2.511	4.20	65.6	S0409	.09670	10.1919	0.4	V
9026	32767.70	43 50N	28 33E	72.9	188.9	2.511	4.55	65.6	S0409	.09670	9.9445	0.4	A
9027	32783.30	42 27N	27 42E	73.6	188.7	2.511	-12.60	66.3	S0409	.09670	9.8373	0.4	F
9028	32786.10	42 26N	27 42E	72.6	188.7	2.511	-12.25	66.3	S0409	.09670	10.1012	0.4	V
9029	32788.70	42 26N	27 42E	73.4	188.7	2.511	-11.90	66.3	S0409	.09670	9.8951	0.4	A
9030	32942.10	31 25N	25 58E	79.5	187.5	2.872	19.60	72.3	S0409	.05410	9.1612	1.0	F
9031	32947.90	31 25N	25 57E	79.8	187.5	2.733	20.30	72.3	S0409	.05410	9.0457	1.0	A
9032	33227.10	12 10N	21 28E	79.6	186.6	3.439	-11.55	67.3	S0409	.05410	9.0787	1.0	A
9033	33242.50	8 20N	20 38E	83.3	186.5	3.574	-18.20	64.6	S0409	.05410	8.6664	0.8	A
9034	33357.90	3 46N	19 47E	85.4	186.4	3.574	-16.10	60.8	S0409	.05410	8.4355	1.0	A
9035	33386.30	1 46N	19 48E	84.6	186.4	3.439	-1.40	59.4	S0409	.05410	8.4932	1.4	A
9036	33730.90	22 27S	15 9E	103.9	186.9	3.439	-18.20	38.2	S0409	.07190	6.9512	0.4	V
9037	33734.70	22 27S	15 3E	104.9	187.0	3.439	-17.15	38.2	S0409	.05410	6.7946	0.4	A
1199 9001	37991.70	49 8N	8 27E	76.3	189.9	2.385	15.40	61.7	S0409	.07190	9.5157	1.0	F
9002	37997.10	49 9N	8 27E	76.6	189.8	2.170	16.45	61.7	S0409	.07190	9.4580	1.0	A
9003	38066.50	44 10N	5 27E	81.6	188.0	2.170	-30.10	64.8	S0409	.05410	8.8396	1.6	F
9004	38072.30	44 10N	5 27E	81.1	188.9	2.385	-29.75	64.9	S0409	.05410	8.9633	1.6	A
9005	38081.10	43 6N	5 58E	72.5	188.8	2.511	-5.60	65.9	S0409	.04090	9.9940	0.6	F
9006	38086.30	43 6N	5 58E	72.4	188.8	2.511	-4.90	65.9	S0409	.04090	10.0187	0.6	A
9007	38176.90	36 50N	4 32E	72.5	188.0	2.872	2.45	70.0	S0409	.07190	10.0195	0.6	F
9008	38182.10	36 50N	4 32E	72.6	188.0	2.872	3.15	70.0	S0409	.07190	9.9858	0.6	A
9009	38223.10	33 40N	2 56E	83.5	187.7	2.733	-32.20	70.4	S0409	.04090	8.6994	1.0	A
9010	38553.50	10 59N	1 5W	83.0	186.5	3.439	-19.95	66.3	S0409	.05410	8.7076	1.0	A
9011	38566.90	9 59N	0 51W	80.8	186.5	3.439	-1.40	65.7	S0409	.05410	9.0375	1.0	F
1201 9001	49377.69	3 46S	48 19W	101.2	186.4	3.211	-34.30	54.7	S0409	.05410	7.1739	1.0	V
9002	49389.29	4 47S	48 7W	98.1	186.4	3.439	-29.75	54.0	S0409	.05410	7.7016	1.0	F
9003	49416.29	6 20S	48 32W	96.0	186.5	3.439	-26.60	52.6	S0409	.05410	7.5697	0.6	V
9004	49430.89	7 17S	47 27W	97.4	186.5	2.872	19.60	52.5	S0409	.05410	7.3223	1.0	A
9005	49472.29	10 20S	49 17W	100.3	186.5	3.439	-26.95	49.0	S0409	.05410	7.1409	0.8	F
9006	49474.89	10 19S	49 19W	100.4	186.5	3.439	-26.95	48.8	S0409	.05410	7.1244	1.0	F
9007	49480.89	10 20S	49 11W	97.6	186.5	3.574	-22.40	48.9	S0409	.05410	7.3470	1.0	A
9008	49517.09	13 9S	48 44W	96.6	186.6	3.090	10.15	47.1	S0409	.05410	7.3718	1.0	A
9009	49527.09	14 24S	48 29W	105.7	186.6	2.733	23.80	46.2	S0409	.05410	6.8028	1.0	F
9010	49542.09	14 50S	49 23W	95.2	186.6	3.439	-2.60	45.4	S0409	.05410	7.4955	1.0	A
9011	49552.49	15 52S	48 48W	104.6	186.7	2.733	22.40	44.9	S0409	.05410	6.9100	0.8	V
9012	49557.49	16 11S	48 58W	102.5	186.7	2.733	19.60	44.5	S0409	.04090	7.0502	1.0	V
9013	49561.29	16 11S	48 58W	104.3	186.7	2.733	19.95	44.5	S0409	.04090	6.8411	1.0	A
9014	49574.49	16 56S	50 28W	104.3	186.7	3.574	-25.20	43.1	S0409	.05410	6.8605	1.0	A
9015	49598.49	18 0S	51 3W	110.6	186.8	3.211	-30.45	41.1	S0409	.05410	6.4400	1.0	F
9016	49610.29	19 36S	51 12W	110.9	186.8	3.211	-31.15	40.6	S0409	.05410	6.5224	1.0	V
9017	49627.09	20 46S	51 15W	107.5	186.9	3.439	-26.60	39.6	S0409	.05410	6.7121	1.0	V
9018	49633.09	20 54S	51 22W	110.8	186.9	3.439	-28.35	39.4	S0409	.05410	6.4482	0.8	A
9019	49634.89	21 1S	51 23W	110.9	186.9	3.439	-28.35	39.3	S0409	.05410	6.4400	1.0	A
9020	49642.09	22 4S	51 26W	108.4	186.9	3.211	-24.85	38.4	S0409	.05410	6.5637	1.0	F
9021	49647.09	22 9S	51 25W	106.3	186.9	3.439	-23.45	38.4	S0409	.05410	6.7863	1.0	V
9022	49652.09	22 14S	51 23W	106.8	186.9	3.439	-21.70	38.3	S0409	.05410	6.6791	0.8	A
9023	49734.09	27 9S	52 3W	106.4	187.2	3.211	-11.55	33.9	S0409	.07190	6.6791	1.0	A
9024	49731.49	27 36S	52 16W	107.8	187.3	3.211	-14.70	33.4	S0409	.07190	6.5884	1.0	A
9025	49735.89	28 12S	52 19W	106.3	187.3	3.211	-13.30	32.9	S0409	.07190	6.7498	1.2	V
9026	49740.49	28 16S	52 30W	109.8	187.3	3.439	-17.85	32.8	S0409	.05410	6.4730	1.0	A
9027	49745.29	28 20S	52 31W	107.7	187.3	3.211	-15.40	32.2	S0409	.07190	6.6791	1.0	V
9028	49753.09	29 26S	51 57W	106.9	187.4	2.872	4.55	32.0	S0409	.07190	6.7203	1.2	V
9029	49760.69	29 30S	52 24W	107.9	187.4	3.090	-6.65	31.6	S0409	.07190	6.5719	1.4	A
9030	49785.49	31 54S	52 27W	110.0	187.5	2.872	4.20	29.6	S0409	.07190	6.4750	1.0	F
9031	49790.29	31 41S	52 18W	111.5	187.6	2.872	7.70	29.9	S0409	.07190	6.3328	1.0	A
9032	49798.89	32 12S	53 3W	110.6	187.5	3.090	-9.10	29.2	S0409	.07190	6.3984	1.0	A
9033	49817.69	33 44S	53 28W	111.0	187.7	3.090	-11.55	27.7	S0409	.07190	6.4647	1.6	V
9034	49825.89	33 50S	53 33W	112.8	187.8	3.090	-11.55	27.4	S0409	.07190	6.2751	1.0	A
1202 9001	54474.29	10 10N	67 35W	84.3	186.5	3.439	-23.10	65.7	S0409	.05410	8.5427	0.4	F

Handle via
BYEMAN Channels
BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1202 9002	54479.89	10 15N	67 33W	82.4	186.5	3.439	-21.00	65.8	S0409	.05410	8.8561	0.8	V
9003	54482.89	10 15N	67 33W	83.4	186.5	3.439	-20.65	65.8	S0409	.05410	8.6664	0.8	A
9004	54839.09	14 7S	72 20W	108.3	186.6	3.439	-33.95	45.6	S0409	.05410	6.6214	1.2	A
9005	54879.49	17 35S	71 20W	104.3	186.7	2.872	18.20	43.2	S0409	.05410	6.8953	1.6	F
9006	54884.69	17 41S	71 22W	103.5	186.7	2.872	18.20	43.1	S0409	.05410	6.9345	0.6	V
9007	54887.69	17 37S	71 20W	105.4	186.7	2.872	18.90	43.2	S0409	.07190	6.7451	1.2	A
1203 9001	59648.49	19 15N	88 26W	84.3	186.7	3.090	-29.05	70.0	S0409	.05410	8.6746	1.2	V
9002	59677.89	17 34N	88 18W	79.0	186.7	3.211	-19.25	69.9	S0409	.05410	9.2601	0.8	V
9003	59733.29	13 44N	88 56W	79.3	186.6	3.439	-17.15	68.0	S0409	.05410	9.2189	0.4	V
9004	59736.29	13 44N	88 56W	80.1	186.6	3.439	-16.45	68.0	S0409	.05410	9.0292	0.4	A
9005	59940.89	0 26S	90 17W	98.9	186.4	2.733	26.95	56.5	S0409	.05410	7.2151	0.8	A
1205 9001	70858.48	21 30S	138 59W	99.6	186.9	3.211	0.35	39.0	S0409	.07190	7.2481	0.8	V
9002	70862.08	21 30S	138 59W	101.1	186.9	3.211	0.70	39.0	S0409	.07190	7.0337	0.8	A
1208 9001	461.27	27 23S	153 6E	108.3	187.2	3.439	-14.00	33.6	S0409	.05410	6.5554	1.4	A
1209 9001	5004.27	24 49N	141 20E	79.2	187.1	3.090	16.80	72.8	S0409	.05410	9.1777	1.0	F
9002	5378.07	0 30S	136 3E	86.0	186.4	3.574	-10.15	57.6	S0409	.05410	8.3695	0.6	F
9003	5381.87	1 9S	136 5E	85.7	186.4	3.574	-6.65	57.4	S0409	.05410	8.4025	0.8	F
9004	5385.27	1 14S	136 4E	84.9	186.4	3.574	-6.65	57.3	S0409	.05410	8.5039	0.6	V
9005	5388.27	1 18S	136 5E	86.0	186.4	3.574	-5.95	57.4	S0409	.05410	8.3613	0.6	A
9006	5396.27	1 29S	135 30E	92.5	186.4	3.574	-24.50	56.6	S0409	.05410	7.8006	0.6	A
9007	5544.27	12 10S	133 21E	107.0	186.6	3.211	-32.20	47.3	S0409	.05410	6.6709	0.8	F
9008	5548.07	12 10S	133 21E	105.6	186.6	3.211	-31.85	47.3	S0409	.05410	6.8605	0.8	V
9009	5551.87	12 10S	133 21E	106.5	186.6	3.439	-31.50	47.3	S0409	.05410	6.7451	1.0	A
1210 9001	9777.07	61 50N	129 40E	75.3	193.7	1.475	-11.20	50.4	S0409	.05410	9.7301	0.6	V
9002	9779.87	61 50N	129 40E	76.0	193.6	1.687	-11.20	50.4	S0409	.05410	9.5405	0.6	A
9003	9989.47	47 24N	123 59E	72.8	189.5	2.511	-5.60	62.8	S0409	.07190	9.9445	0.6	F
9004	9994.67	47 22N	123 59E	72.7	189.4	2.511	-4.90	62.8	S0409	.07190	9.9775	0.6	A
9005	10013.67	45 46N	122 40E	82.5	189.2	2.033	-30.10	63.7	S0409	.05410	8.7489	0.6	F
9006	10019.47	45 46N	122 41E	81.7	189.1	2.170	-29.40	63.7	S0409	.05410	8.8890	0.6	A
9007	10070.07	41 54N	123 26E	82.6	188.6	2.385	26.95	67.2	S0409	.05410	8.8890	0.8	V
9008	10073.07	41 54N	123 26E	83.8	188.6	2.385	27.30	67.2	S0409	.05410	8.6252	0.8	A
9009	10101.27	39 42N	121 46E	73.1	188.4	2.733	-9.80	68.0	S0409	.05410	9.9033	0.8	F
9010	10106.47	39 42N	121 46E	72.9	188.3	2.733	-8.75	68.0	S0409	.05410	9.9528	0.6	A
9011	10114.07	38 51N	121 16E	76.0	188.3	2.511	-19.60	68.3	S0409	.07190	9.4992	1.0	F
9012	10119.67	38 50N	121 16E	75.7	188.2	2.733	-19.25	68.3	S0409	.07190	9.5900	0.8	A
9013	10133.07	37 49N	121 7E	73.5	188.1	2.733	-15.40	69.0	S0409	.07190	9.5775	0.4	V
9014	10135.67	37 49N	121 7E	74.3	188.1	2.733	-15.05	69.0	S0409	.07190	9.7796	0.4	A
9015	10155.47	36 41N	120 42E	74.5	187.9	2.733	-17.85	69.7	S0409	.07190	9.8436	0.6	V
9016	10158.27	36 40N	120 42E	75.2	187.9	2.733	-17.50	69.7	S0409	.07190	9.6559	0.4	A
9017	10213.07	31 30N	120 18E	73.4	187.6	3.090	1.75	71.7	S0409	.07190	9.8703	0.6	F
9018	10218.47	31 30N	120 18E	73.6	187.5	3.090	2.80	71.7	S0409	.07190	9.8673	0.6	A
9019	10225.27	31 28N	120 27E	76.2	187.5	2.872	12.95	72.1	S0409	.05410	9.4910	0.6	A
9020	10230.47	30 46N	120 2E	73.6	187.5	3.090	1.75	72.0	S0409	.07190	9.8558	0.6	F
9021	10235.67	30 47N	120 2E	73.7	187.5	3.090	2.80	72.0	S0409	.07190	9.8208	0.6	A
9022	10241.27	30 22N	120 16E	77.2	187.4	2.872	15.05	72.4	S0409	.05410	9.3673	0.8	A
9023	10286.67	26 50N	119 22E	75.1	187.2	3.090	7.70	72.6	S0409	.07190	9.6559	0.6	F
9024	10292.07	26 50N	119 23E	75.5	187.2	3.090	8.75	72.7	S0409	.05410	9.5735	0.6	A
9025	10296.87	26 10N	119 16E	75.6	187.2	3.090	9.10	72.7	S0409	.07190	9.5962	0.4	F
9026	10298.07	26 9N	119 15E	75.9	187.2	3.090	9.10	72.7	S0409	.07190	9.5570	0.4	F
9027	10300.67	26 8N	119 15E	75.2	187.1	3.090	9.45	72.7	S0409	.07190	9.7466	0.6	V
9028	10303.47	26 8N	119 15E	76.2	187.1	3.090	9.80	72.7	S0409	.05410	9.4828	0.6	A
9029	10312.87	25 7N	118 31E	75.5	187.1	3.211	-12.95	72.1	S0409	.07190	9.5735	0.6	F
9030	10317.47	24 40N	118 32E	74.9	187.1	3.211	-9.80	72.2	S0409	.07190	9.6559	0.4	F
9031	10324.07	24 47N	118 5E	81.2	187.0	3.090	-26.25	71.8	S0409	.05410	8.9385	0.8	A
9032	10328.07	24 30N	118 5E	80.1	187.0	3.090	-24.15	71.8	S0409	.05410	9.0622	0.6	A
9033	10330.07	24 24N	118 4E	79.8	187.0	3.090	-24.15	71.6	S0409	.05410	9.0952	0.6	A
9034	10520.87	10 40N	115 49E	81.2	186.5	3.439	-15.75	66.2	S0409	.05410	8.8808	1.0	F
9035	10526.67	10 40N	115 49E	81.1	186.5	3.439	-14.70	66.3	S0409	.05410	8.9138	1.0	A
9036	10722.47	3 16S	114 36E	103.6	186.4	2.733	29.75	56.2	S0409	.05410	6.9760	0.6	F
9037	10726.27	3 16S	114 36E	103.2	186.4	2.511	30.45	56.2	S0409	.05410	7.0502	0.6	V
1211 5001	15719.46	19 02N	94 59E	79.4	186.8	3.211	-19.60	70.3	S0130	.02260	9.0941	0.6	F
9001	15163.46	56 49N	105 47E	74.1	191.8	2.033	7.70	55.2	S0409	.09670	9.9033	0.6	V
9002	15166.26	56 49N	105 45E	74.9	191.7	2.033	7.35	55.2	S0409	.07190	9.6724	0.6	A
9003	15212.06	53 29N	102 37E	89.2	190.8	1.475	-36.05	57.6	S0409	.05410	8.0644	0.8	F
9004	15218.46	53 29N	102 36E	88.9	190.7	1.687	-36.05	57.6	S0409	.05410	8.1799	0.8	A
9005	15229.86	52 30N	102 53E	73.6	190.5	2.170	4.90	58.8	S0409	.07190	9.8508	0.8	A
9006	15365.26	43 1N	101 20E	76.3	188.8	2.511	18.90	66.3	S0409	.07190	9.6229	0.4	V
9007	15368.06	43 0N	101 21E	77.6	188.8	2.511	19.60	66.3	S0409	.07190	9.3343	0.4	A
9008	15379.86	42 17N	100 17E	73.0	188.5	2.733	-9.45	66.4	S0409	.07190	9.9363	0.6	A
9009	15390.86	41 0N	100 32E	73.5	188.5	2.733	9.10	67.4	S0409	.07190	9.8786	0.8	F
9010	15396.06	41 7N	100 32E	73.7	188.5	2.733	9.80	67.4	S0409	.07190	9.8291	0.8	A
9011	15722.26	19 02N	94 59E	78.5	186.9	3.211	-19.25	70.4	S0409	.05410	9.3178	0.6	V
1212 5001	20492.06	55 20N	82 56E	74.1	191.4	2.170	4.55	56.4	S0130	.03150	9.7867	0.6	F

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1212 5002	20497.46	55 24N	82 56E	74.2	191.3	2.170	5.25	56.4	S0130	.03150	9.7867	0.6	A
5003	20501.86	55 0N	83 0E	75.4	191.2	2.170	10.50	56.7	S0130	.02260	9.6301	0.6	A
9001	20492.06	55 24N	82 56E	74.2	191.4	2.170	4.55	56.4	S0409	.07190	9.7879	0.6	F
9002	20497.46	55 24N	82 56E	74.2	191.3	2.170	5.25	56.4	S0409	.07190	9.7879	0.6	A
9003	20501.86	55 0N	83 0E	75.4	191.2	2.170	10.50	56.7	S0409	.07190	9.6312	0.4	A
9004	20516.86	53 0N	81 10E	79.7	190.9	1.810	-24.50	57.4	S0409	.05410	9.0540	1.0	F
9005	20522.46	53 0N	81 9E	79.4	190.8	2.033	-24.50	57.4	S0409	.05410	9.1447	1.2	A
9006	20546.86	51 48N	81 13E	73.1	190.4	2.170	-3.50	59.4	S0409	.07190	9.9033	0.6	F
9007	20552.06	51 48N	81 13E	73.0	190.3	2.170	-2.80	59.4	S0409	.07190	9.9363	0.6	A
9008	20587.46	49 4N	80 51E	74.3	189.8	2.385	12.60	61.7	S0409	.07190	9.8703	0.4	V
9009	20590.06	49 4N	80 51E	75.3	189.8	2.385	12.95	61.7	S0409	.07190	9.6147	0.4	A
9010	20602.06	47 50N	80 27E	74.8	189.6	2.511	11.55	62.6	S0409	.05410	9.7136	0.6	F
9011	20604.86	47 52N	80 26E	74.0	189.6	2.511	11.90	62.6	S0409	.05410	9.9198	0.6	V
9012	20643.86	45 8N	78 29E	77.9	189.1	2.170	-23.80	64.2	S0409	.05410	9.2684	0.6	F
9013	20646.66	45 0N	78 29E	76.8	189.1	2.385	-23.80	64.2	S0409	.05410	9.5405	0.4	V
9014	20649.46	45 0N	78 29E	77.5	189.0	2.385	-23.45	64.2	S0409	.05410	9.3756	0.4	A
9015	20680.26	42 56N	78 17E	72.0	188.7	2.511	-8.75	66.2	S0409	.09670	10.0517	0.6	F
9016	20685.46	42 56N	78 17E	71.9	188.7	2.733	-8.40	66.2	S0409	.09670	10.0960	0.6	A
9017	20841.66	31 24N	76 22E	79.0	187.5	2.872	18.90	72.2	S0409	.05410	9.2024	1.0	F
9018	20847.26	31 24N	76 22E	79.4	187.5	2.733	19.60	72.2	S0409	.05410	9.0352	1.0	A
9019	21008.86	20 0N	73 52E	77.1	186.8	3.090	10.85	71.6	S0409	.05410	9.4992	0.4	V
9020	21011.66	20 0N	73 52E	78.2	186.8	3.090	11.20	71.6	S0409	.05410	9.2271	0.4	A
1213 5001	25715.26	61 16N	63 10E	75.0	193.5	1.687	-6.30	51.1	S0130	.02260	9.6383	1.0	F
5002	25720.66	61 16N	63 9E	74.9	193.3	1.687	-5.95	51.1	S0130	.02260	9.6878	0.8	A
5003	25761.66	58 16N	60 42E	81.9	192.2	1.475	-26.60	53.6	S0130	.02260	8.8056	0.6	F
5004	25767.46	58 16N	60 41E	81.7	192.1	1.687	-26.60	53.6	S0130	.02260	8.8962	0.6	A
9001	25715.26	61 16N	63 10E	75.0	193.5	1.687	-6.30	51.1	S0409	.05410	9.6394	0.8	F
9002	25720.66	61 16N	63 9E	74.8	193.3	1.687	-5.95	51.1	S0409	.05410	9.6889	0.8	A
9003	25761.66	58 14N	60 42E	82.0	192.2	1.475	-26.60	53.6	S0409	.07190	8.8066	0.6	F
9004	25767.46	58 16N	60 41E	81.7	192.1	1.687	-26.60	53.6	S0409	.07190	8.8973	0.6	A
9005	25780.86	56 54N	60 39E	75.9	191.8	1.810	-15.40	54.9	S0409	.07190	9.5157	0.6	F
9006	25783.66	56 53N	60 39E	74.9	191.7	1.810	-15.05	54.9	S0409	.07190	9.7879	0.6	V
9007	25786.46	56 52N	60 37E	75.7	191.7	2.033	-15.40	54.9	S0409	.07190	9.5817	0.6	A
9008	25792.26	56 0N	60 44E	73.8	191.6	2.033	-4.90	55.7	S0409	.07190	9.8126	0.8	F
9009	25797.46	56 0N	60 44E	73.6	191.5	2.033	-4.20	55.7	S0409	.07190	9.8538	0.8	A
9010	25802.06	55 26N	60 13E	74.5	191.4	2.033	-11.20	56.2	S0409	.07190	9.7054	0.8	F
9011	25806.46	55 14N	59 53E	75.9	191.3	2.033	-16.80	56.4	S0409	.07190	9.5157	0.6	F
9012	25811.86	55 14N	59 53E	75.6	191.2	2.033	-16.10	56.4	S0409	.07190	9.6064	0.6	A
9013	25832.26	53 14N	60 24E	77.4	190.8	2.170	16.45	58.3	S0409	.07190	9.3920	0.4	F
9014	25838.26	53 2N	60 27E	78.2	190.7	2.170	19.95	58.5	S0409	.07190	9.3920	0.4	V
9015	25841.06	53 2N	60 27E	79.3	190.7	2.170	20.30	58.5	S0409	.07190	9.1447	0.4	A
9016	25846.26	52 51N	59 57E	74.7	190.6	2.170	12.60	58.9	S0409	.07190	9.8208	0.4	V
9017	25848.86	52 52N	59 57E	75.7	190.5	2.170	12.95	58.9	S0409	.07190	9.5735	0.4	A
9018	25857.46	51 53N	59 49E	77.9	190.4	2.385	17.85	59.7	S0409	.07190	9.3178	0.6	F
9019	25862.86	51 14N	59 45E	79.1	190.3	2.385	19.95	60.1	S0409	.07190	9.1459	0.4	F
9020	25865.66	51 14N	59 46E	78.4	190.3	2.170	20.65	60.1	S0409	.07190	9.3673	0.4	V
9021	25866.86	51 0N	59 44E	78.4	190.2	2.170	20.65	60.1	S0409	.07190	9.3673	0.4	V
9022	25869.66	51 0N	59 44E	79.5	190.2	2.170	21.00	60.1	S0409	.07190	9.1199	0.4	A
9023	25874.26	50 47N	59 30E	77.7	190.1	2.170	17.85	60.3	S0409	.07190	9.3261	0.4	A
9024	25883.46	50 14N	58 25E	73.3	190.0	2.385	-8.05	60.5	S0409	.07190	9.8951	0.4	A
9025	25902.06	48 56N	58 3E	72.8	189.7	2.385	-3.50	61.9	S0409	.07190	9.9528	1.4	F
9026	25907.26	48 56N	58 3E	72.7	189.7	2.385	-2.80	61.9	S0409	.07190	9.9775	1.4	A
9027	25923.86	47 9N	57 5E	76.2	189.5	2.170	-19.60	62.8	S0409	.07190	9.4745	1.0	F
9028	25929.46	47 9N	57 5E	75.9	189.4	2.385	-19.25	62.8	S0409	.07190	9.5735	0.8	A
9029	26039.06	39 0UN	54 22E	89.6	188.3	2.170	-38.50	67.5	S0409	.03090	8.1634	0.8	V
9030	26042.26	39 0UN	54 22E	90.2	188.3	2.170	-38.15	67.5	S0409	.03090	8.0562	0.8	A
9031	26180.46	29 44N	52 35E	80.6	187.4	2.733	-30.10	71.5	S0409	.05410	9.0952	0.6	V
9032	26183.26	29 44N	52 35E	81.3	187.4	2.733	-29.75	71.5	S0409	.05410	8.9385	0.6	A
9033	26469.26	9 34N	49 7E	83.2	186.5	3.439	-19.95	65.4	S0409	.05410	8.6664	1.0	F
1214 5001	30938.25	67 0N	44 19E	78.6	196.7	1.113	-15.75	45.7	S0130	.03150	9.1848	0.6	F
5002	30941.05	67 0N	44 18E	77.7	196.6	1.332	-16.10	45.7	S0130	.03150	9.4239	0.6	V
5003	30999.05	63 2N	41 35E	77.3	194.3	1.475	-15.40	49.5	S0130	.03150	9.3415	0.6	F
5004	31004.65	63 2N	41 35E	77.0	194.1	1.475	-14.70	49.5	S0130	.03150	9.4249	0.6	A
5005	31072.65	58 0N	38 49E	78.1	192.2	1.687	-20.30	53.8	S0130	.02260	9.2508	0.6	F
5006	31078.25	58 0N	38 50E	77.7	192.1	1.810	-19.60	53.8	S0130	.03150	9.3497	0.6	A
5007	31096.25	56 29N	38 6E	78.2	191.7	1.810	-21.35	55.2	S0130	.02260	9.2178	0.6	F
5008	31101.85	56 29N	38 5E	78.0	191.6	1.810	-21.00	55.2	S0130	.02260	9.3085	0.6	A
5009	31109.05	55 56N	37 58E	75.6	191.4	1.810	-15.75	56.0	S0130	.02260	9.5229	0.6	F
5010	31114.65	55 56N	37 57E	75.7	191.3	2.033	-15.75	56.0	S0130	.03150	9.5388	0.6	A
5011	31205.65	49 16N	36 22E	73.2	189.8	2.385	-3.50	61.4	S0130	.02260	9.9269	2.8	A
5012	31225.25	47 51N	35 13E	74.8	189.6	2.170	-18.20	62.3	S0130	.02260	9.7950	0.6	V
5013	31228.05	47 51N	35 12E	75.6	189.5	2.385	-18.20	62.3	S0130	.02260	9.6218	0.6	A
5014	31238.45	47 16N	34 10E	91.5	189.4	2.033	-39.20	62.4	S0130	.02260	7.9481	2.8	A
5015	31482.85	30 17N	31 25E	73.9	187.4	3.090	1.75	72.1	S0130	.02260	9.8114	0.6	A
9001	30941.05	67 0N	44 17E	77.7	196.6	1.332	-16.10	45.7	S0409	.07190	9.4250	0.4	V
9002	30943.85	67 0N	44 18E	78.4	196.4	1.332	-15.75	45.7	S0409	.07190	9.2436	0.6	A
9003	30998.85	63 2N	41 35E	77.4	194.3	1.475	-15.40	49.5	S0409	.07190	9.3426	1.2	F
9004	31004.45	63 2N	41 36E	77.0	194.1	1.475	-14.70	49.5	S0409	.07190	9.4250	1.2	A
9005	31072.65	58 0N	38 49E	78.2	192.2	1.687	-20.30	53.8	S0409	.07190	9.2519	0.6	F
9006	31078.25	58 4N	38 50E	77.6	192.1	1.810	-19.60	53.9	S0409	.07190	9.3508	0.6	A
9007	31096.25	56 29N	38 6E	78.3	191.7	1.810	-21.35	55.2	S0409	.07190	9.2189	0.6	F

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY LAT DG MIN	LONG DG MIN	FRAME START SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1214 9008	31101.85	56 29N	38 5E	77.9	191.6	1.810	-21.00	55.2	S0409	.07190	9.3096	0.6	A
9009	31106.05	55 48N	38 3E	75.9	191.5	1.810	-15.75	55.9	S0409	.07190	9.5240	1.4	F
9010	31109.05	55 33N	37 58E	75.9	191.4	1.810	-15.75	56.0	S0409	.07190	9.5240	0.6	F
9011	31114.45	55 06N	37 57E	75.7	191.3	2.033	-15.75	56.0	S0409	.07190	9.5900	0.6	A
9012	31122.05	55 2N	38 3E	73.7	191.2	2.033	-7.70	56.6	S0409	.07190	9.8373	0.8	A
9013	31129.05	54 11N	37 52E	73.4	191.0	2.170	-4.20	57.3	S0409	.07190	9.8521	0.8	F
9014	31134.45	54 1N	37 51E	73.3	190.9	2.170	-3.85	57.3	S0409	.07190	9.9053	0.6	A
9015	31148.65	53 0N	38 15E	77.7	190.7	2.170	17.50	58.4	S0409	.07190	9.3178	0.6	A
9016	31159.05	52 20N	37 31E	73.6	190.5	2.170	4.55	58.8	S0409	.07190	9.8538	0.4	A
9017	31168.85	51 43N	36 19E	76.5	190.3	2.033	-21.35	59.2	S0409	.07190	9.5817	0.6	V
9018	31171.65	51 30N	36 19E	77.2	190.3	2.033	-21.00	59.2	S0409	.07190	9.4085	0.6	A
9019	31189.05	50 6N	36 26E	72.9	190.0	2.385	-3.15	60.7	S0409	.07190	9.9363	0.4	F
9020	31191.85	49 54N	36 21E	72.9	190.0	2.385	-3.85	60.8	S0409	.07190	9.9363	0.4	F
9021	31194.45	49 34N	36 20E	72.0	190.0	2.385	-3.85	60.8	S0409	.07190	10.1457	0.4	V
9022	31197.05	49 25N	36 21E	72.8	189.9	2.385	-3.50	60.8	S0409	.07190	9.9610	0.4	A
9023	31212.05	48 31N	35 58E	72.8	189.7	2.385	-1.75	61.9	S0409	.07190	9.9529	1.2	F
9024	31217.25	48 31N	35 58E	72.7	189.7	2.385	-1.05	62.0	S0409	.07190	9.9693	1.2	A
9025	31225.25	47 51N	35 12E	74.8	189.6	2.170	-18.20	62.3	S0409	.07190	9.7961	0.6	V
9026	31228.05	47 31N	35 12E	75.5	189.5	2.385	-18.20	62.3	S0409	.07190	9.6229	0.6	A
9027	31240.25	45 42N	35 12E	73.4	189.1	2.511	5.60	64.5	S0409	.07190	9.8786	0.8	F
9028	31245.45	45 42N	35 12E	73.5	189.1	2.511	6.30	64.5	S0409	.07190	9.8538	0.8	A
9029	31269.05	44 57N	35 5E	73.1	189.0	2.511	4.90	64.7	S0409	.07190	9.9053	0.6	A
9030	31287.05	36 54N	32 1E	80.4	188.0	2.511	-27.30	69.3	S0409	.05410	8.9715	1.0	F
9031	31402.65	35 19N	33 17E	84.2	187.9	2.733	26.95	70.9	S0409	.04090	8.6417	1.0	F
9032	31410.45	35 15N	33 0E	79.2	187.8	2.733	19.95	70.8	S0409	.05410	9.1282	0.6	A
9033	31440.25	31 27N	31 49E	74.5	187.5	3.090	6.65	71.9	S0409	.07190	9.7384	0.6	F
9034	31447.25	30 50N	31 26E	73.5	187.5	3.090	-4.55	71.8	S0409	.04090	9.8558	0.8	F
9035	31472.45	31 0N	31 26E	73.5	187.5	3.090	-3.50	71.8	S0409	.04090	9.8558	0.8	A
9036	31477.45	30 17N	31 25E	73.8	187.4	3.090	1.05	72.1	S0409	.07190	9.8291	0.8	F
9037	31482.85	30 16N	31 25E	73.9	187.4	3.090	1.75	72.1	S0409	.07190	9.8126	0.8	A
9038	31487.45	29 50N	31 18E	73.7	187.4	3.090	-0.35	72.1	S0409	.07190	9.8126	0.6	A
9039	31492.65	29 15N	31 2E	73.8	187.4	3.090	-5.95	72.1	S0409	.04090	9.8043	0.8	F
9040	31497.85	29 15N	31 2E	73.8	187.3	3.090	-5.25	72.2	S0409	.04090	9.8126	0.8	A
9041	32162.85	16 16S	22 2E	107.6	186.7	3.439	-29.40	83.7	S0409	.05410	8.6544	1.0	A
9042	32320.45	27 44S	21 28E	113.7	187.2	2.733	18.90	83.8	S0409	.05410	8.2833	0.6	F
9043	32324.65	27 44S	21 29E	113.1	187.2	2.511	19.60	83.8	S0409	.05410	8.3656	0.6	V
9044	32328.85	27 44S	21 29E	115.1	187.3	2.511	19.95	83.8	S0409	.05410	8.1451	0.4	A
9045	32420.25	34 3S	18 47E	113.5	187.7	3.090	-16.10	87.3	S0409	.07190	8.3245	0.6	V
9046	32424.45	34 3S	18 47E	115.0	187.8	3.090	-15.75	87.3	S0409	.07190	8.1596	0.6	A
1215 5001	36469.05	52 10N	14 9E	80.1	190.5	1.810	-27.30	58.6	S0130	.02260	9.1554	0.6	V
9001	36436.85	54 14N	15 42E	73.6	191.0	2.170	-5.95	57.3	S0409	.07190	9.8573	0.8	F
9002	36442.05	54 14N	15 42E	73.4	190.9	2.170	-5.60	57.3	S0409	.07190	9.8786	0.8	A
9003	36456.25	53 10N	14 59E	75.2	190.7	2.170	-15.40	57.9	S0409	.07190	9.6477	0.6	A
9004	36472.05	52 10N	14 8E	81.1	190.4	2.033	-27.65	58.6	S0409	.07190	8.9550	0.6	A
9005	36481.65	51 14N	14 15E	75.1	190.3	2.170	-16.10	59.7	S0409	.07190	9.6229	0.8	F
9006	36487.05	51 14N	14 15E	74.8	190.2	2.170	-15.40	59.7	S0409	.07190	9.7054	0.8	A
9007	36494.85	50 54N	13 12E	87.0	190.1	1.687	-34.65	60.1	S0409	.05410	8.2871	0.6	F
9008	36497.85	50 24N	13 12E	85.6	190.0	1.687	-34.30	60.1	S0409	.05410	8.5592	0.6	V
9009	36510.85	49 9N	14 21E	73.9	189.9	2.385	7.35	61.6	S0409	.07190	9.8573	0.8	F
9010	36516.25	49 7N	14 21E	73.8	189.8	2.385	8.05	61.6	S0409	.07190	9.8126	0.8	A
9011	36519.65	48 50N	14 18E	74.0	189.7	2.385	8.75	61.8	S0409	.07190	9.7961	0.6	A
9012	36536.65	47 50N	13 3E	75.9	189.5	2.385	-19.25	62.3	S0409	.05410	9.5652	0.6	A
9013	36685.45	37 10N	9 55E	83.2	188.1	2.385	-31.15	68.9	S0409	.05410	8.6664	0.6	F
9014	36688.45	37 10N	9 55E	82.0	188.0	2.385	-30.80	68.9	S0409	.05410	8.9868	0.6	V
9015	36693.85	36 54N	10 13E	75.0	188.0	2.733	-18.90	69.4	S0409	.07190	9.7796	1.4	V
9016	36709.85	35 54N	10 39E	73.8	187.9	2.872	6.30	70.3	S0409	.07190	9.8126	0.6	A
9017	36727.45	34 10N	10 6E	73.1	187.8	2.872	-2.10	70.8	S0409	.07190	9.9198	0.4	F
1216 9001	42137.85	27 10N	13 13W	76.3	187.2	3.090	10.50	72.7	S0409	.04090	9.5157	0.8	F
9002	42145.45	27 10N	13 13W	76.6	187.2	2.872	11.55	72.7	S0409	.04090	9.4250	0.6	A
9003	42154.25	26 25N	12 50W	88.8	187.2	2.385	30.45	73.2	S0409	.03090	8.1139	0.8	A
9004	42294.85	16 43N	14 57W	85.5	186.7	2.872	22.05	70.4	S0409	.05410	8.4190	1.0	A
1217 9001	48174.25	22 40S	45 0W	101.6	187.0	3.439	-13.65	58.1	S0409	.07190	7.0997	0.4	V
9002	48177.85	22 39S	44 59W	102.8	187.0	3.439	-12.60	58.1	S0409	.05410	6.9265	0.6	A
1218 9001	53067.04	5 40N	61 31W	82.5	186.4	3.439	5.95	63.1	S0409	.07190	8.7076	0.6	A
9002	53206.84	4 0S	63 8W	88.3	186.4	3.211	8.05	65.2	S0409	.05410	8.2294	1.2	V
9003	53331.64	12 40S	64 23W	98.4	186.0	3.090	14.70	67.9	S0409	.05410	7.2616	1.2	A
9004	53336.44	13 12S	64 32W	97.8	186.0	3.090	13.30	67.9	S0409	.05410	7.3470	1.4	F
9005	53341.84	13 0S	64 47W	95.0	186.0	3.090	4.90	67.9	S0409	.05410	7.5057	1.0	A
9006	53347.04	13 52S	65 2W	94.4	186.0	3.439	0.00	68.4	S0409	.05410	7.6027	1.0	F
9007	53354.84	13 50S	64 32W	102.2	186.0	2.872	18.90	68.6	S0409	.05410	6.9595	0.8	A
9008	53358.24	14 27S	64 37W	100.6	186.0	2.872	18.20	68.1	S0409	.05410	7.1304	0.8	V
9009	53362.64	14 30S	64 45W	99.9	186.0	2.872	14.70	68.0	S0409	.05410	7.1244	0.8	A
9010	53367.04	14 47S	64 54W	98.5	186.0	3.090	11.20	67.7	S0409	.05410	7.2251	1.0	A
9011	53372.84	15 11S	64 59W	98.6	186.0	3.090	10.85	67.5	S0409	.05410	7.2151	0.8	A
9012	53387.84	16 40S	64 56W	105.1	186.0	2.872	20.30	66.1	S0409	.05410	6.8358	1.0	F
9013	53457.44	21 7S	66 45W	98.3	186.0	3.439	-12.25	59.5	S0409	.07190	7.3470	1.0	V
9014	53475.24	22 26S	66 6W	104.3	186.0	2.733	16.80	58.7	S0409	.05410	6.9182	1.0	V
9015	53500.84	24 11S	66 16W	108.8	187.0	2.511	21.00	57.2	S0409	.05410	6.6296	1.0	V
9016	53531.44	26 0S	66 55W	107.5	187.1	2.872	14.35	54.9	S0409	.05410	6.6544	1.2	F

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1218 9017	53625.44	32 48S	68 46W	109.5	187.6	2.872	-1.05	28.7	S0409	.07190	6.4977	0.8	F
9018	53629.44	32 48S	68 47W	109.5	187.6	2.872	-0.70	28.7	S0409	.07190	6.6151	0.8	V
9019	53634.44	32 52S	68 52W	110.5	187.7	3.090	-2.45	28.7	S0409	.07190	6.3988	0.4	A
9020	53641.64	33 20S	69 8W	111.1	187.7	3.090	-6.65	28.2	S0409	.07190	6.3658	0.6	A
9021	53647.04	33 42S	69 9W	111.2	187.7	3.090	-5.25	27.8	S0409	.07190	6.3575	0.6	A
9022	53664.84	35 27S	69 34W	111.5	187.8	2.872	-5.95	26.2	S0409	.07190	6.3658	0.6	F
9023	53668.84	35 26S	69 34W	110.5	187.9	2.872	-5.60	26.2	S0409	.07190	6.4895	0.6	V
9024	53673.04	35 27S	69 33W	112.1	187.9	2.872	-4.90	26.2	S0409	.07190	6.2998	0.6	A
9025	53758.64	41 11S	70 53W	117.2	188.6	2.733	-2.80	20.7	S0409	.07190	6.0029	1.0	A
1219 9001	58038.84	28 26N	80 34W	89.4	187.3	2.511	-36.40	71.5	S0409	.05410	8.0562	0.6	F
9002	58042.04	28 26N	80 34W	88.0	187.3	2.511	-36.05	71.5	S0409	.05410	8.3201	0.6	V
9003	58045.24	28 26N	80 34W	88.9	187.3	2.733	-36.05	71.5	S0409	.05410	8.1881	0.6	A
9004	58120.04	22 47N	80 36W	75.6	187.0	3.211	2.80	72.1	S0409	.07190	9.5962	0.4	F
9005	58122.64	22 46N	80 36W	74.8	187.0	3.211	3.15	72.1	S0409	.07190	9.8043	0.6	V
9006	58124.04	22 42N	80 29W	78.2	186.9	3.090	12.25	72.2	S0409	.07190	9.2549	0.8	F
9007	58129.64	22 0N	80 30W	78.2	186.9	3.090	12.25	72.2	S0409	.07190	9.2549	0.6	F
9008	58132.44	22 0N	80 31W	77.4	186.9	3.090	12.25	72.2	S0409	.05410	9.4745	0.6	V
9009	58175.84	19 20N	81 21W	76.5	186.8	3.211	0.00	71.1	S0409	.05410	9.4560	1.0	A
1220 9001	63340.84	28 36N	102 5W	76.4	187.3	2.872	-18.90	71.9	S0409	.05410	9.4560	0.8	F
9002	63355.24	27 30N	101 8W	83.6	187.2	2.511	25.20	73.0	S0409	.05410	9.6334	1.0	A
9003	63443.24	18 40N	103 48W	77.2	185.3	3.211	-11.55	70.6	S0409	.05410	9.3591	0.6	F
1221 5001	68516.23	37 54N	122 27W	79.8	188.1	2.733	-26.95	68.6	S0160	.02260	9.1189	3.2	A
9001	68510.43	37 54N	122 28W	80.6	188.1	2.511	-28.00	68.6	S0409	.05410	8.9550	2.2	F
9002	68516.03	37 54N	122 27W	79.8	188.1	2.733	-26.95	68.6	S0409	.05410	9.1199	3.4	A
1225 9001	3198.02	48 5N	153 16E	77.8	189.7	2.385	18.55	62.5	S0409	.05410	9.3343	0.4	F
9002	3203.82	48 5N	153 16E	77.1	189.6	2.385	18.90	62.5	S0409	.05410	9.5248	0.4	V
9003	3209.62	48 5N	153 16E	78.1	189.6	2.385	19.25	62.5	S0409	.05410	9.2644	0.4	A
9004	3213.22	47 8N	152 17E	72.5	189.5	2.511	-2.10	63.8	S0409	.05410	10.0023	0.4	F
9005	3215.82	47 8N	152 17E	71.6	189.4	2.511	-1.75	63.8	S0409	.05410	10.2496	0.4	V
9006	3218.42	47 8N	152 17E	72.4	189.4	2.511	-1.40	63.8	S0409	.05410	10.0187	0.4	A
1226 9001	8605.02	41 36N	128 25E	72.4	188.5	2.733	-10.85	66.5	S0409	.05410	10.0352	0.6	A
9002	8627.82	40 10N	127 38E	76.4	188.4	2.511	-23.10	67.4	S0409	.07190	9.5908	0.6	V
9003	8630.62	40 10N	127 37E	77.1	188.4	2.511	-22.75	67.4	S0409	.07190	9.4168	0.6	A
9004	8644.82	39 46N	128 12E	74.1	188.2	2.733	9.10	68.7	S0409	.07190	9.7879	0.8	F
9005	8650.22	39 46N	128 12E	74.4	188.2	2.733	10.15	68.8	S0409	.07190	9.7501	0.8	A
9006	8679.22	36 26N	127 20E	72.6	186.0	2.872	-2.10	69.8	S0409	.05410	9.9775	0.8	F
9007	8684.42	36 27N	127 20E	72.6	188.0	2.872	-1.40	69.8	S0409	.05410	9.9775	0.8	A
9008	9269.62	3 29S	119 39E	86.9	186.4	3.433	-4.20	55.0	S0409	.05410	8.3695	0.6	V
9009	9271.82	3 29S	119 39E	88.1	186.4	3.439	-3.85	55.1	S0409	.05410	8.1469	0.6	A
9010	9281.82	5 0S	119 25E	88.6	186.4	3.574	-6.30	54.1	S0409	.05410	8.1222	0.8	F
9011	9285.02	5 0S	119 25E	87.7	186.4	3.574	-5.60	54.1	S0409	.05410	8.2871	1.0	V
9012	9288.42	5 7S	119 24E	88.9	186.4	3.574	-4.90	54.1	S0409	.05410	8.0644	0.8	A
9013	9328.62	8 26S	119 53E	108.3	186.5	2.733	29.75	51.7	S0409	.05410	8.6526	0.6	F
1227 9001	13621.62	61 36N	113 1E	78.6	193.6	1.475	-20.30	50.7	S0409	.07190	9.1777	0.8	F
9002	13627.22	61 30N	113 1E	78.3	193.4	1.475	-19.95	50.7	S0409	.07190	9.2601	0.8	A
9003	13824.62	47 47N	107 23E	79.4	189.8	2.033	-26.95	62.1	S0409	.05410	9.1034	1.2	F
9004	13830.22	47 47N	107 23E	78.9	189.5	2.170	-26.60	62.2	S0409	.05410	9.2024	1.2	A
9005	13842.62	46 56N	108 20E	73.7	189.3	2.511	12.95	63.5	S0409	.05410	9.9610	0.6	V
9006	13845.42	46 56N	108 20E	74.7	189.3	2.511	13.30	63.5	S0409	.05410	9.7054	0.6	A
9007	13960.82	38 29N	106 13E	75.8	188.2	2.733	17.15	69.0	S0409	.07190	9.6889	0.4	V
9008	13963.62	38 29N	106 13E	76.9	188.2	2.511	17.85	69.0	S0409	.05410	9.4168	0.4	A
9009	13969.42	38 4N	106 19E	80.7	188.1	2.511	24.15	69.4	S0409	.05410	9.9633	0.4	A
9010	13973.22	37 20N	106 7E	79.5	188.1	2.733	22.05	69.7	S0409	.05410	9.1529	1.0	F
9011	13974.02	37 20N	106 7E	80.0	188.1	2.511	23.10	69.7	S0409	.05410	9.0375	0.8	A
9012	13992.42	36 36N	105 8E	71.4	188.0	2.872	-5.25	69.7	S0409	.07190	10.1589	0.4	A
9013	14002.82	35 57N	104 14E	82.3	187.9	2.733	-31.85	69.5	S0409	.04090	8.8313	0.8	A
9014	14061.02	31 56N	104 19E	73.0	187.5	2.872	5.95	71.8	S0409	.07190	10.0517	0.6	V
9015	14063.82	31 57N	104 19E	74.0	187.5	2.872	6.30	71.8	S0409	.07190	9.7961	0.4	A
9016	14071.82	30 42N	104 7E	74.0	187.5	3.090	5.25	72.0	S0409	.07190	9.8126	0.6	F
9017	14077.02	30 42N	104 8E	74.2	187.4	3.090	6.30	72.1	S0409	.07190	9.7549	0.8	A
9018	14141.42	25 56N	102 50E	73.2	187.1	3.211	-7.70	72.3	S0409	.07190	9.8868	0.6	F
9019	14146.62	25 57N	102 49E	73.2	187.1	3.211	-7.00	72.3	S0409	.07190	9.8951	0.6	A
9020	14155.42	24 57N	102 48E	73.7	187.1	3.211	-0.35	72.4	S0409	.07190	9.8373	0.6	F
9021	14160.82	24 57N	102 49E	73.8	187.1	3.211	0.70	72.4	S0409	.07190	9.8043	0.8	A
9022	14407.62	7 30N	99 38E	81.3	186.5	3.439	-0.35	64.3	S0409	.05410	8.8390	1.0	F
9023	14462.22	3 40N	98 42E	84.0	186.4	3.574	-11.90	61.3	S0409	.07190	8.5727	0.6	F
9024	14465.22	3 49N	98 43E	83.0	186.4	3.574	-11.20	61.3	S0409	.07190	8.7818	0.6	V
9025	14468.22	3 58N	98 41E	83.0	186.4	3.574	-10.50	61.2	S0409	.05410	8.7313	0.6	V
9026	14471.22	3 58N	98 41E	84.0	186.4	3.574	-10.15	61.2	S0409	.05410	8.5674	1.0	A
1228 9001	19016.81	55 30N	89 32E	76.3	191.4	2.033	14.00	56.2	S0409	.07190	9.5075	0.4	F
9002	19019.41	55 30N	89 32E	75.5	191.4	2.033	14.35	56.2	S0409	.07190	9.7219	0.6	V
9003	19023.41	55 20N	89 20E	74.5	191.3	2.033	12.25	56.4	S0409	.07190	9.6456	0.6	V
9004	19026.21	55 20N	89 20E	75.5	191.3	2.033	12.60	56.4	S0409	.07190	9.5982	0.4	A

Handle via
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BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1228 9005	19030.41	55 2N	89 17E	76.3	191.2	2.033	14.70	56.7	S0409	.07190	9.4992	0.4	A
9006	19031.81	54 5SN	89 15E	76.3	191.1	2.033	14.70	56.8	S0409	.07190	9.4992	0.4	A
9007	19293.41	36 4SN	82 53E	72.7	188.0	2.733	-12.95	69.4	S0409	.07190	9.9528	0.6	F
9008	19298.61	36 4SN	82 53E	72.4	188.0	2.872	-11.90	69.5	S0409	.07190	10.0187	0.6	A
9009	19443.61	26 2SN	80 24E	79.3	187.2	2.872	-23.10	71.9	S0409	.05410	9.0952	0.6	F
9010	19449.21	26 2SN	80 24E	78.9	187.1	3.090	-22.40	71.9	S0409	.05410	9.2024	0.6	A
9011	19523.21	21 7N	79 34E	76.7	186.9	3.211	-16.10	71.3	S0409	.07190	9.5322	0.4	V
9012	19526.01	21 7N	79 34E	77.5	186.9	3.211	-15.40	71.3	S0409	.05410	9.3426	0.4	A
9013	19574.41	17 2IN	78 30E	84.8	186.7	3.090	-29.40	69.6	S0409	.05410	8.6252	0.6	V
9014	19581.41	17 2IN	78 30E	85.6	186.7	3.090	-29.05	69.6	S0409	.05410	8.4645	0.6	A
9015	19701.01	8 4SN	78 8E	85.2	186.5	3.090	17.15	65.5	S0409	.05410	8.5674	0.8	V
9016	19704.21	8 4SN	78 9E	86.7	186.5	3.090	17.85	65.5	S0409	.05410	8.2705	0.6	A
1229 5001	24362.81	53 24N	66 31E	76.4	190.7	2.033	15.05	58.1	S0130	.02260	9.4481	3.6	A
9001	24387.41	51 53N	65 41E	73.9	190.6	2.170	10.85	59.6	S0409	.07190	9.9445	0.6	V
9002	24390.21	51 53N	65 41E	74.8	190.3	2.170	11.20	59.6	S0409	.07190	9.6889	0.4	A
9003	24394.21	51 4N	65 42E	75.8	190.2	2.170	16.10	60.0	S0409	.07190	9.6889	0.6	V
9004	24397.01	51 4N	65 42E	76.8	190.2	2.170	16.45	60.0	S0409	.07190	9.4333	0.6	A
9005	24462.21	46 1SN	63 54E	74.1	189.3	2.511	9.45	63.7	S0409	.07190	9.7961	0.4	F
9006	24469.01	46 0N	63 20E	71.8	189.2	2.511	-6.30	63.7	S0409	.07190	10.2166	1.2	V
9007	24472.41	45 59N	63 18E	72.6	189.2	2.511	-6.30	63.7	S0409	.07190	9.9940	1.0	A
9008	24589.01	37 56N	61 49E	77.7	188.1	2.733	17.85	69.5	S0409	.05410	9.3508	0.6	F
9009	24590.81	37 56N	61 48E	77.0	188.1	2.733	18.20	69.5	S0409	.05410	9.5522	0.6	V
9010	24593.61	37 56N	61 48E	77.9	188.1	2.733	18.20	69.5	S0409	.05410	9.2849	0.6	A
9011	24826.21	21 4SN	57 20E	81.1	186.9	3.211	-24.15	71.3	S0409	.05410	8.9303	0.8	A
1230 5001	29631.81	56 1SN	43 31E	87.0	191.5	1.687	-33.95	55.2	S0130	.02260	8.3686	0.6	A
5002	29642.81	55 27N	43 38E	80.1	191.2	1.810	-25.55	56.0	S0130	.02260	9.0775	3.4	A
5003	29678.41	52 54N	43 36E	72.9	190.6	2.170	-1.75	58.3	S0130	.03150	9.5763	2.8	A
5004	29708.61	50 50N	42 43E	72.7	190.1	2.385	-3.50	60.3	S0130	.02260	9.5763	2.8	F
5005	29721.81	49 50N	43 47E	87.9	189.9	2.033	31.85	61.2	S0130	.02260	8.2366	2.2	A
5006	29739.41	48 46N	42 1E	72.7	189.7	2.385	-6.65	61.6	S0130	.02260	9.9925	3.6	A
5007	29789.21	45 25N	40 47E	73.9	189.1	2.511	-14.00	64.1	S0130	.02260	9.8362	2.4	A
9001	29321.61	76 14N	62 40E	79.6	208.0	0.629	-10.50	36.8	S0409	.09670	9.0622	0.8	F
9002	29327.21	76 14N	62 41E	79.4	207.3	0.776	-10.50	36.7	S0409	.09670	9.1117	1.0	A
9003	29406.21	70 51N	54 10E	78.4	199.9	0.986	-12.95	42.1	S0409	.07190	9.2106	1.0	F
9004	29412.01	70 51N	54 8E	78.2	199.5	1.113	-12.95	42.1	S0409	.07190	9.2664	1.0	A
9005	29553.81	61 1N	46 53E	75.1	193.3	1.687	-10.15	51.2	S0409	.07190	9.6312	1.0	F
9006	29559.21	61 1N	46 53E	74.8	193.2	1.687	-9.45	51.2	S0409	.07190	9.6972	0.8	A
9007	29693.21	51 29N	43 29E	74.2	190.4	2.385	8.75	59.6	S0409	.07190	9.7714	0.6	F
9008	29698.41	51 30N	43 30E	74.3	190.3	2.170	9.80	59.6	S0409	.07190	9.7466	0.8	A
9009	29751.01	47 32N	42 14E	74.6	189.5	2.511	10.85	62.8	S0409	.07190	9.7301	1.0	F
9010	29756.41	47 32N	42 14E	74.9	189.5	2.385	11.90	62.8	S0409	.07190	9.6724	1.0	A
9011	29767.61	46 27N	41 32E	72.6	189.3	2.511	-0.35	63.5	S0409	.07190	9.9858	1.0	F
9012	29772.81	46 27N	41 32E	72.5	189.3	2.511	0.35	63.5	S0409	.07190	9.9940	1.0	A
9013	29799.21	44 52N	40 14E	76.7	188.8	2.385	-23.80	64.5	S0409	.07190	9.5487	0.4	V
9014	29802.01	44 52N	40 14E	77.4	189.0	2.385	-23.45	64.5	S0409	.07190	9.3368	0.4	A
9015	29816.01	43 8N	40 35E	72.5	188.8	2.733	-0.70	65.8	S0409	.04090	9.9940	0.8	F
9016	29821.21	43 8N	40 36E	72.5	188.8	2.733	0.35	65.8	S0409	.04090	9.9940	0.8	A
9017	29941.81	34 55N	37 38E	82.2	187.8	2.511	-30.10	70.1	S0409	.04090	8.7654	0.8	F
9018	29947.61	34 55N	37 39E	81.5	187.8	2.733	-29.40	70.1	S0409	.04090	8.9108	1.0	A
9019	29954.01	33 49N	37 14E	88.3	187.7	2.511	-36.75	70.2	S0409	.03090	8.1387	1.0	F
9020	29957.21	33 49N	37 14E	86.9	187.7	2.511	-36.40	70.2	S0409	.03090	8.4108	1.0	V
9021	29969.21	32 54N	38 12E	73.8	187.6	3.090	5.95	71.5	S0409	.04090	9.8208	1.0	F
9022	29974.61	32 54N	38 12E	74.1	187.6	2.872	7.35	71.5	S0409	.04090	9.7714	1.0	A
9023	29987.41	31 52N	36 47E	89.4	187.5	2.511	-37.45	70.8	S0409	.03090	8.1387	0.8	A
9024	30416.61	1 47N	31 44E	88.4	186.4	3.439	-22.05	59.5	S0409	.04090	8.1222	0.4	F
9025	30426.61	1 27N	32 28E	86.8	186.4	3.211	10.50	59.8	S0409	.04090	8.2541	1.2	A
9026	30432.01	0 57N	32 33E	90.5	186.4	3.211	17.85	59.8	S0409	.05410	7.9737	1.0	F
9027	30439.81	0 3N	32 27E	90.6	186.4	3.090	17.50	58.8	S0409	.04090	7.9572	1.2	F
9028	30449.81	0 15S	31 52E	85.1	186.4	3.439	-2.80	58.3	S0409	.05410	8.4395	0.8	A
9029	30461.81	0 34S	31 27E	87.2	186.4	3.574	-14.35	57.5	S0409	.05410	8.2576	1.0	A
9030	30578.01	9 57S	31 19E	109.1	186.5	2.385	30.80	51.3	S0409	.05410	6.5142	1.0	A
9031	30666.01	15 19S	28 26E	105.9	186.6	3.214	-28.70	44.6	S0409	.05410	6.7266	0.8	F
9032	30669.61	15 18S	28 28E	103.8	186.7	3.439	-27.65	44.7	S0409	.04090	6.9677	1.0	V
9033	30673.81	15 19S	28 26E	105.7	186.7	3.439	-28.00	44.6	S0409	.05410	6.7781	0.8	A
9034	30735.21	20 0S	28 34E	100.8	186.8	3.211	4.55	40.7	S0409	.05410	7.0997	0.8	F
9035	30740.61	19 60S	28 37E	100.9	186.9	3.090	6.30	40.9	S0409	.05410	7.0419	0.8	A
9036	30742.61	20 0S	28 35E	101.7	186.8	3.090	6.30	40.8	S0409	.05410	6.9842	0.8	A
9037	30756.81	21 19S	28 8E	98.4	186.9	3.211	-1.75	39.5	S0409	.07190	7.2563	1.4	V
9038	30771.01	22 1S	27 50E	101.6	186.9	3.439	-6.65	38.8	S0409	.07190	7.0807	1.2	A
9039	30784.41	22 37S	27 53E	102.5	187.0	3.211	0.70	38.1	S0409	.07190	6.9265	1.2	A
9040	30818.01	25 52S	28 12E	116.9	187.1	2.511	24.50	35.7	S0409	.05410	6.1266	0.6	F
9041	30822.21	25 52S	28 12E	116.2	187.1	2.511	24.85	35.7	S0409	.05410	6.1926	0.6	V
9042	30830.81	26 23S	27 27E	105.0	187.2	2.872	7.35	35.6	S0409	.07190	6.8605	0.4	V
9043	30834.61	26 22S	27 27E	106.6	187.2	2.872	7.70	35.0	S0409	.05410	6.6461	0.6	A
9044	30844.41	26 30S	26 40E	106.7	187.2	3.439	-12.25	34.1	S0409	.07190	6.6544	1.0	A
1231 9001	34734.21	69 27N	32 27E	78.1	198.6	1.332	14.35	46.5	S0409	.07190	9.3756	0.4	V
9002	34737.01	69 27N	32 26E	74.9	198.4	1.332	14.35	46.5	S0409	.07190	9.1694	0.4	A
9003	34844.61	59 25N	24 7E	74.1	192.7	1.810	-5.95	52.7	S0409	.07190	9.7651	0.4	F
9004	34847.21	59 25N	24 7E	73.1	192.6	1.810	-5.60	52.7	S0409	.07190	10.0187	0.4	V
9005	34890.01	59 22N	24 7E	73.9	192.6	1.810	-5.25	52.7	S0409	.07190	9.8126	0.4	A

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1231 9006	34924.01	56 40N	23 18E	74.0	191.8	2.033	4.90	55.2	S0409	.07190	9.7879	0.6	F
9007	34936.81	56 39N	23 18E	73.1	191.7	2.033	5.25	55.2	S0409	.07190	10.0270	0.6	V
9008	34955.01	54 36N	21 48E	74.3	191.1	2.033	-11.90	56.8	S0409	.07190	9.7384	0.6	F
9009	34960.41	54 35N	21 47E	74.1	191.0	2.033	-11.55	56.8	S0409	.07190	9.7361	0.6	A
9010	34980.01	52 31N	21 52E	74.2	190.7	2.170	8.40	58.5	S0409	.07190	9.7714	0.6	F
9011	34982.81	52 30N	21 52E	73.4	190.6	2.170	8.75	58.5	S0409	.07190	10.0023	0.6	V
9012	34990.60	52 22N	21 11E	72.1	190.5	2.170	-5.25	58.7	S0409	.07190	10.1754	0.4	V
9013	34993.21	52 22N	21 11E	72.9	190.5	2.170	-4.90	58.7	S0409	.07190	9.9528	0.4	A
9014	35001.21	51 20N	21 13E	73.3	190.3	2.385	4.90	59.6	S0409	.07190	9.8468	0.8	F
9015	35006.41	51 20N	21 13E	73.4	190.3	2.170	5.95	59.6	S0409	.07190	9.8703	0.8	A
9016	35013.61	50 57N	20 52E	72.6	190.2	2.385	0.00	59.9	S0409	.07190	9.9354	0.4	A
9017	35044.01	48 50N	19 23E	76.7	189.7	2.170	-21.35	61.6	S0409	.07190	9.4085	0.6	F
9018	35043.41	48 50N	19 23E	76.3	189.7	2.170	-20.65	61.6	S0409	.07190	9.5375	0.6	A
9019	35064.01	47 42N	19 5E	75.3	189.5	2.170	-17.85	62.7	S0409	.07190	9.5300	0.8	F
9020	35069.41	47 42N	19 5E	75.0	189.4	2.385	-17.50	62.7	S0409	.07190	9.6724	0.8	A
9021	35076.01	46 34N	18 58E	73.5	189.3	2.385	-15.40	63.2	S0409	.07190	9.9775	0.6	V
9022	35078.81	46 33N	18 58E	74.2	189.3	2.385	-15.05	63.2	S0409	.07190	9.7796	0.4	A
9023	35089.81	45 16N	19 53E	81.3	189.2	2.385	24.15	64.6	S0409	.05410	8.9868	0.6	F
9024	35092.81	45 16N	19 53E	80.5	189.1	2.385	24.50	64.6	S0409	.05410	9.1117	0.4	V
9025	35094.41	45 15N	19 50E	81.0	189.1	2.385	25.20	64.8	S0409	.05410	9.0540	0.4	V
9026	35099.41	45 15N	19 50E	82.3	189.1	2.170	25.90	64.8	S0409	.05410	8.7303	0.4	A
9027	35112.00	43 04N	18 19E	73.4	188.9	2.511	-12.95	65.1	S0409	.07190	9.8538	0.8	F
9028	35117.20	43 04N	18 20E	73.1	188.9	2.511	-11.90	65.1	S0409	.07190	9.9194	1.0	A
9029	35125.41	42 48N	18 56E	77.1	188.8	2.511	17.85	66.3	S0409	.07190	9.4353	0.4	F
9030	35129.20	42 48N	18 56E	76.3	188.8	2.511	18.20	66.3	S0409	.07190	9.6147	0.4	V
9031	35134.40	42 48N	18 43E	74.8	188.7	2.511	14.00	66.5	S0409	.07190	9.8126	0.6	V
9032	35137.21	42 47N	18 43E	75.8	188.7	2.511	14.35	66.5	S0409	.07190	9.7570	0.6	A
9033	35148.60	22 1N	14 10E	79.3	186.9	3.090	15.05	72.2	S0409	.05410	9.1529	0.8	F
9034	35743.00	0 26N	9 28E	88.4	186.4	3.439	-18.90	58.5	S0409	.05410	8.1304	0.8	F
9035	35746.20	0 26N	9 29E	87.3	186.4	3.439	-18.55	58.5	S0409	.05410	8.3283	0.8	V
9036	35749.60	0 26N	9 27E	88.5	186.4	3.439	-18.55	58.5	S0409	.05410	8.1504	0.8	A
1232 9001	40333.00	49 42N	1 53W	72.9	190.0	2.385	-7.00	60.9	S0409	.07190	9.9363	0.6	F
9002	40338.20	49 42N	1 53W	72.7	189.9	2.385	-6.30	60.9	S0409	.07190	9.9693	0.6	A
9003	40540.00	35 36N	5 16W	73.6	187.4	2.733	9.10	70.3	S0409	.07190	9.9693	0.8	V
9004	40551.60	34 49N	5 59W	73.7	187.3	2.872	-11.20	70.4	S0409	.07190	9.8126	0.8	F
9005	40557.60	34 48N	5 43W	73.4	187.3	2.872	3.50	70.8	S0409	.07190	9.8703	0.6	F
9006	40566.40	33 30N	4 58W	80.4	187.2	2.385	31.85	71.5	S0409	.03090	8.1469	1.0	A
9007	40581.20	32 55N	6 54W	80.4	187.5	2.733	-29.05	70.7	S0409	.05410	9.1117	0.5	V
9008	40584.40	32 54N	6 56W	81.8	187.5	2.733	-29.75	70.7	S0409	.04090	8.8726	1.2	A
9009	40659.80	27 44N	8 9W	86.9	187.2	2.872	-34.30	71.6	S0409	.03090	8.3448	1.0	A
1233 9001	46448.60	5 53S	35 16W	88.8	186.5	3.439	3.85	53.5	S0409	.05410	8.1799	0.6	V
9002	46452.00	5 54S	35 16W	90.1	186.5	3.439	4.20	53.5	S0409	.05410	7.9408	0.6	A
9003	46478.80	8 0S	34 53W	105.5	186.5	2.511	29.05	52.1	S0409	.05410	8.8776	0.4	V
9004	46483.60	8 2S	34 54W	107.5	186.5	2.511	29.40	52.1	S0409	.05410	8.6296	0.6	A
1234 9001	51754.00	6 11S	57 46W	88.6	186.5	3.574	-9.80	55.1	S0409	.05410	8.1964	1.0	V
9002	51844.20	12 11S	58 1W	99.5	186.6	2.872	18.90	48.2	S0409	.05410	7.2893	1.0	V
9003	51872.60	13 42S	59 43W	104.9	186.6	3.574	-29.05	46.1	S0409	.05410	8.8440	0.8	A
9004	51908.60	14 41S	60 19W	108.7	186.7	3.211	-30.45	43.4	S0409	.05410	8.5472	1.0	F
9005	51946.00	15 14S	60 36W	105.9	186.8	3.211	-24.50	41.1	S0409	.05410	8.7246	1.0	F
9006	51954.60	15 26S	59 43W	99.3	186.8	3.090	5.60	40.9	S0409	.07190	7.2696	1.0	V
9007	51972.00	21 0S	61 2W	109.1	186.9	3.211	-26.60	39.5	S0409	.05410	8.5224	1.0	F
9008	51975.00	21 13S	61 5W	104.6	186.9	3.211	-26.95	39.3	S0409	.05410	8.4477	1.0	F
9009	51988.00	22 19S	59 50W	103.0	186.9	2.872	17.50	38.9	S0409	.05410	8.6379	1.0	F
9010	51994.20	22 29S	60 7W	104.4	186.9	3.090	10.85	38.5	S0409	.05410	8.8523	1.0	F
9011	52003.20	23 2S	60 22W	102.8	187.0	3.090	5.60	38.1	S0409	.07190	8.9595	1.0	F
9012	52009.00	23 33S	61 7W	104.0	187.1	3.211	-14.35	37.3	S0409	.05410	8.8523	1.0	F
9013	52017.60	23 52S	61 41W	114.1	187.0	3.439	-29.05	37.1	S0409	.05410	8.2586	0.8	A
9014	52228.40	38 41S	62 15W	142.3	188.2	1.810	33.60	23.8	S0409	.05410	5.0052	1.0	F
9015	52233.60	38 41S	62 15W	141.7	188.2	1.810	33.95	23.8	S0409	.05410	5.0547	1.0	V
9016	52239.00	38 41S	62 15W	144.6	188.2	1.475	34.65	23.8	S0409	.05410	4.8567	1.0	A
9017	52432.20	51 04S	69 17W	136.6	190.4	2.385	-25.55	10.4	S0409	.09670	5.2113	1.0	V
9018	52437.40	51 04S	69 17W	138.2	190.4	2.385	-25.20	10.4	S0409	.09670	5.0396	1.0	A
9019	52456.00	53 44S	67 44W	131.7	190.7	1.810	11.55	9.0	S0409	.09670	5.3515	1.4	F
9020	52461.00	53 44S	67 43W	130.7	190.8	1.810	11.90	9.0	S0409	.09670	5.4422	1.4	V
9021	52477.20	54 47S	66 22W	129.7	191.1	1.810	8.05	7.9	S0409	.12690	5.4752	1.0	V
9022	52482.00	54 50S	66 22W	131.7	191.2	1.810	8.40	7.9	S0409	.09670	5.3103	1.0	A
1235 9001	56671.39	20 44N	75 33W	82.1	186.9	3.090	-26.95	70.9	S0409	.05410	8.9134	0.4	V
9002	56674.39	20 44N	75 32W	82.5	186.8	3.090	-25.90	70.9	S0409	.05410	8.7901	1.0	A
9003	56969.59	0 6S	73 29W	84.3	186.4	3.439	3.15	58.4	S0409	.05410	8.5674	1.0	F
9004	56972.79	0 6S	73 29W	83.5	186.4	3.439	4.50	58.4	S0409	.05410	8.7241	0.8	V
9005	56980.79	0 5S	73 37W	84.7	186.4	3.439	3.15	57.8	S0409	.04090	8.5188	1.0	F
9006	56986.99	0 5S	73 37W	85.2	186.4	3.439	4.20	57.8	S0409	.04090	8.4104	1.0	A
9007	56997.99	1 0S	73 37W	86.9	186.4	3.211	9.10	57.3	S0409	.04090	8.2459	0.6	A
9008	57012.79	2 1S	73 59W	85.1	186.4	3.439	2.45	56.1	S0409	.04090	8.5427	0.6	V
9009	57014.59	2 2S	73 59W	86.4	186.4	3.439	2.80	56.1	S0409	.04090	8.2953	0.6	A
9010	57025.79	3 2S	73 12W	86.2	186.4	3.439	0.70	55.2	S0409	.04090	8.3581	0.6	F
9011	57035.99	4 2S	73 59W	95.5	186.4	3.574	-26.60	54.6	S0409	.05410	7.5449	0.4	A
9012	57041.19	4 29S	73 60W	94.9	186.4	3.574	-24.85	54.3	S0409	.05410	7.6344	0.4	A
9013	57051.19	5 11S	80 4W	94.2	186.4	3.574	-23.10	53.7	S0409	.05410	7.6274	1.0	A
1236 9001	61150.39	76 34N	68 37W	77.8	208.1	0.776	-5.25	36.4	S0409	.09670	9.3013	0.8	A

Handle via
BYEMAN Channels
BYE-8915/84

Approved for Release: 2021/01/22 C05132886

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1236 9002	6170A.59	39 0N	94 20W	94.3	185.2	2.033	-42.35	67.5	S0409	.05410	7.7676	3.0	V
1240 9001	32540.38	65 47N	169 5W	85.8	195.7	1.332	26.60	47.0	S0409	.04090	8.4455	0.4	A
1241 5001	1572.78	57 24N	161 44E	75.6	192.0	1.810	-15.05	54.3	S0130	.03150	9.5558	1.0	F
5002	1578.18	57 24N	161 45E	75.3	191.9	1.810	-14.35	54.3	S0130	.03150	9.6383	1.0	A
5003	1588.98	56 20N	160 52E	79.6	191.6	1.687	-24.50	55.2	S0130	.02260	9.0694	0.6	F
5004	1594.78	56 19N	160 52E	79.3	191.5	1.810	-24.15	55.2	S0130	.02260	9.1601	0.6	A
5005	1635.78	53 7N	160 0E	75.2	190.7	2.033	-16.10	58.0	S0130	.03150	9.6136	0.4	F
5006	1638.38	53 7N	160 1E	74.2	190.7	2.033	-15.75	58.0	S0130	.03150	9.8774	0.6	V
9001	1564.38	57 57N	162 3E	75.4	192.2	1.810	-13.65	53.9	S0409	.05410	9.5900	0.6	F
9002	1567.18	57 57N	162 3E	74.3	192.1	1.810	-13.30	53.9	S0409	.05410	9.8521	0.4	V
9003	1570.78	57 52N	161 48E	75.6	192.0	1.810	-15.05	54.2	S0409	.07190	9.5570	2.8	F
9004	1577.38	57 27N	161 46E	75.3	191.9	1.810	-14.35	54.3	S0409	.07190	9.6394	1.8	A
9005	1581.38	56 59N	161 36E	74.3	191.8	1.810	-14.00	54.7	S0409	.05410	9.8703	0.6	V
9006	1584.18	56 59N	161 35E	75.1	191.7	1.810	-14.00	54.7	S0409	.05410	9.6642	0.4	A
9007	1588.98	56 20N	160 52E	79.7	191.6	1.687	-24.50	55.2	S0409	.05410	9.0705	0.6	F
9008	1594.78	56 19N	160 52E	79.3	191.5	1.810	-24.15	55.2	S0409	.05410	9.1612	0.4	A
9009	1638.38	53 7N	160 1E	74.2	190.7	2.033	-15.75	58.0	S0409	.09670	9.8786	0.4	V
9010	1641.18	53 7N	160 0E	74.9	190.6	2.033	-15.40	58.0	S0409	.09670	9.6089	0.4	A
1242 9001	6977.37	50 50N	136 51E	78.2	190.2	2.033	-23.45	59.7	S0409	.05410	9.2456	0.6	F
9002	6980.17	50 50N	136 51E	77.0	190.2	2.033	-23.10	59.7	S0409	.05410	9.5157	0.6	V
9003	6986.57	50 24N	137 20E	71.8	190.1	2.385	-4.90	60.3	S0409	.05410	10.2084	0.4	V
9004	6989.17	50 24N	137 20E	72.6	190.0	2.385	-4.55	60.3	S0409	.05410	9.9940	0.4	A
9005	7020.97	48 3N	135 46E	80.3	189.6	2.033	-23.70	61.8	S0409	.05410	9.1564	0.6	V
9006	7067.17	44 40N	136 27E	78.4	189.1	2.385	21.70	64.9	S0409	.05410	9.3591	0.6	V
9007	7070.17	44 47N	136 26E	79.5	189.0	2.385	22.05	64.9	S0409	.05410	9.0952	0.6	A
9008	7078.57	43 55N	135 31E	72.4	188.9	2.733	0.00	65.2	S0409	.07190	10.0167	0.6	F
9009	7043.77	43 55N	135 32E	72.4	188.9	2.733	1.05	65.3	S0409	.07190	10.0105	0.6	A
9010	7202.17	35 20N	133 57E	79.2	187.3	2.733	21.80	70.7	S0409	.05410	9.1359	0.6	F
9011	7207.97	35 20N	133 56E	79.7	187.3	2.511	22.05	70.7	S0409	.05410	9.0705	0.6	A
9012	7220.77	34 24N	132 25E	78.6	187.3	2.733	-26.25	70.2	S0409	.05410	9.3261	0.8	V
9013	7839.17	8 52S	125 34E	94.7	186.5	3.211	12.95	51.4	S0409	.05410	7.6109	0.8	F
9014	7842.37	8 51S	125 32E	93.4	186.5	3.211	12.25	51.4	S0409	.05410	7.7676	1.0	V
9015	7851.17	9 4S	124 54E	90.4	186.5	3.574	-9.05	50.6	S0409	.05410	8.0252	0.6	V
9016	7857.37	9 11S	124 21E	99.3	186.5	3.574	-25.90	50.2	S0409	.05410	7.2396	1.0	A
9017	7872.97	10 9S	123 40E	115.0	186.5	3.439	-39.55	49.1	S0409	.04090	8.2421	0.8	A
1243 5001	12527.37	34 16N	111 1E	72.4	187.8	2.872	0.35	70.7	S0130	.02260	10.0011	0.8	F
5002	12532.57	34 16N	111 0E	72.6	187.7	2.872	1.05	70.7	S0130	.02260	9.9328	0.8	A
5003	12635.97	26 40N	109 42E	76.6	187.2	3.090	11.90	72.6	S0130	.02260	9.4734	0.6	F
5004	12639.57	26 30N	109 38E	76.4	187.2	3.090	11.26	72.6	S0130	.02260	9.5064	0.4	F
5005	12645.17	26 29N	109 38E	76.9	187.2	3.090	12.25	72.6	S0130	.02260	9.4074	0.4	A
9001	11976.97	71 40N	128 56E	76.4	200.4	1.113	3.50	41.3	S0409	.09670	9.5900	0.6	V
9002	11979.77	71 40N	128 56E	77.2	200.6	1.113	3.50	41.3	S0409	.09670	9.3658	0.6	A
9003	11991.97	70 47N	127 0E	76.4	199.7	1.113	-8.40	42.1	S0409	.07190	9.5735	0.6	V
9004	11994.77	70 47N	126 59E	77.3	199.5	1.113	-9.40	42.1	S0409	.07190	9.3756	0.6	A
9005	12283.17	51 1N	115 29E	72.5	190.2	2.385	-3.50	59.8	S0409	.07190	9.9940	0.8	F
9006	12288.37	51 1N	115 29E	72.4	190.2	2.385	-2.80	59.8	S0409	.07190	10.0270	0.6	A
9007	12432.97	40 49N	111 6E	75.3	188.3	2.511	-19.95	67.0	S0409	.07190	9.5900	0.8	F
9008	12439.37	40 49N	111 6E	75.0	188.4	2.733	-19.60	67.0	S0409	.07190	9.6889	0.8	A
9009	12457.77	39 5N	111 46E	73.1	188.3	2.733	-13.65	68.1	S0409	.05410	9.7951	0.4	F
9010	12461.97	39 47N	111 49E	71.9	188.2	2.733	-9.10	68.4	S0409	.07190	10.0682	0.4	F
9011	12467.17	38 47N	111 50E	71.7	188.2	2.872	-8.05	68.4	S0409	.07190	10.1177	0.6	A
9012	12477.77	37 40N	112 20E	76.0	188.1	2.733	18.55	69.4	S0409	.07190	9.6477	0.4	V
9013	12482.97	37 20N	111 59E	72.8	188.1	2.733	9.45	69.4	S0409	.07190	10.0765	0.4	V
9014	12488.57	37 10N	112 10E	77.2	188.0	2.733	17.85	69.6	S0409	.05410	9.3673	0.8	A
9015	12496.77	36 52N	111 42E	72.6	188.0	2.872	7.00	69.8	S0409	.07190	10.1095	0.4	V
9016	12501.97	36 14N	111 30E	71.9	187.9	2.872	2.45	69.9	S0409	.05410	10.2002	0.6	V
9017	12505.57	36 7N	111 32E	73.4	187.9	2.872	4.90	70.0	S0409	.07190	9.8786	0.6	A
9018	12518.17	34 50N	110 53E	73.3	187.8	2.872	-10.50	70.3	S0409	.05410	9.8786	0.4	F
9019	12520.37	34 40N	110 51E	73.2	187.8	2.872	-10.50	70.3	S0409	.07190	9.8868	0.4	F
9020	12527.37	34 16N	111 1E	72.5	187.8	2.872	0.35	70.7	S0409	.07190	10.0023	0.8	F
9021	12532.57	34 16N	111 0E	72.5	187.7	2.872	1.05	70.7	S0409	.07190	9.9940	0.8	A
9022	12635.97	26 44N	109 42E	76.7	187.2	3.090	11.90	72.6	S0409	.05410	9.4745	0.4	F
9023	12639.57	26 30N	109 38E	76.4	187.2	3.090	11.26	72.6	S0409	.05410	9.5075	0.4	F
9024	12644.97	26 30N	109 39E	76.9	187.2	3.090	12.25	72.6	S0409	.05410	9.4085	0.4	A
9025	12694.37	22 57N	108 28E	74.5	187.0	3.211	-7.70	71.9	S0409	.07190	9.8293	0.6	V
9026	12697.17	22 57N	108 28E	75.4	187.0	3.211	-7.35	71.9	S0409	.07190	9.6064	0.6	A
9027	12864.37	10 57N	106 52E	84.6	186.0	3.211	16.45	67.0	S0409	.05410	8.5757	0.6	F
9028	12869.17	10 51N	106 40E	80.8	186.5	3.211	9.80	66.8	S0409	.05410	9.0375	0.8	V
9029	12872.17	10 51N	106 40E	82.0	186.5	3.211	10.15	66.8	S0409	.04090	8.7736	1.0	A
9030	12880.97	10 16N	106 23E	80.4	186.0	3.439	2.45	66.3	S0409	.05410	8.9550	0.6	A
9031	12885.37	9 58N	106 20E	80.6	186.0	3.439	2.80	66.1	S0409	.05410	8.9303	0.4	A
9032	12890.57	9 39N	105 60E	80.7	186.5	3.574	-9.45	65.6	S0409	.05410	8.9385	0.6	A
9033	12895.57	9 19N	105 45E	82.8	186.5	3.574	-17.15	65.3	S0409	.05410	8.7524	0.6	A
9034	13007.97	1 9N	104 28E	85.6	186.4	3.574	-12.60	59.2	S0409	.05410	8.4108	0.6	F
9035	13014.57	1 10N	104 9E	90.4	186.4	3.574	-23.45	59.0	S0409	.04090	7.9655	0.8	A
1244 5001	17512.77	56 21N	95 16E	73.5	191.6	2.033	-7.00	55.3	S0130	.03150	9.8362	0.6	F

Handle via
BYEMAN Channels
BYE-8915/84

Approved for Release: 2021/01/22 C05132886

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1244 5002	17517.97	56 22N	95 17E	73.4	191.5	2.033	-6.30	55.3	S0130	.03150	9.8856	0.6	A
9001	17396.97	64 8N	99 35E	74.6	194.9	1.475	-2.10	48.4	S0409	.07190	9.6972	0.8	F
9002	17402.17	64 9N	99 36E	74.5	194.7	1.475	-1.75	48.4	S0409	.07190	9.7301	1.0	A
9003	17446.57	60 49N	97 27E	74.4	193.3	1.687	-5.60	51.4	S0409	.07190	9.7301	0.6	F
9004	17451.97	60 49N	97 27E	74.2	193.1	1.687	-4.90	51.4	S0409	.07190	9.7796	0.6	A
9005	17512.77	56 21N	95 16E	73.6	191.6	2.033	-7.00	55.3	S0409	.07190	9.8673	0.4	F
9006	17517.97	56 21N	95 16E	73.4	191.5	2.033	-6.30	55.3	S0409	.07190	9.8868	0.6	A
9007	17740.57	48 49N	89 44E	78.0	186.5	2.385	-24.85	66.9	S0409	.05410	9.2684	1.0	F
9008	17746.17	48 49N	89 45E	77.3	186.4	2.511	-23.80	66.9	S0409	.05410	9.4003	1.0	A
9009	17979.37	24 56N	87 28E	83.6	187.0	2.733	23.80	72.8	S0409	.05410	8.6252	0.4	A
9010	17984.37	23 56N	87 26E	83.7	187.0	2.733	29.05	72.9	S0409	.04090	8.2046	0.8	F
9011	18001.97	22 47N	86 15E	75.9	187.0	3.211	-11.20	71.8	S0409	.05410	9.5248	0.4	F
9012	18005.97	22 41N	86 22E	74.4	186.9	3.211	-5.25	71.9	S0409	.07190	9.8373	0.6	V
9013	18008.77	22 40N	86 21E	75.4	186.9	3.211	-4.90	71.9	S0409	.07190	9.5982	0.6	A
1245 5001	22857.36	54 19N	71 5E	88.1	190.9	1.810	-35.70	56.7	S0130	.02260	8.2695	2.8	A
9001	22624.76	63 45N	81 30E	76.1	193.4	1.113	-3.50	43.6	S0409	.07190	9.4910	0.8	F
9002	22632.36	63 45N	81 29E	76.0	193.1	1.332	-3.50	43.6	S0409	.07190	9.5422	0.8	A
9003	22734.76	62 49N	75 53E	75.7	193.8	1.475	-12.95	49.8	S0409	.07190	9.5755	0.6	A
9004	22747.36	61 47N	76 46E	78.6	193.4	1.687	19.25	51.1	S0409	.07190	9.3251	0.4	V
9005	22750.76	61 46N	76 37E	78.4	193.3	1.687	17.15	51.1	S0409	.07190	9.2354	0.4	A
9006	22837.96	56 1N	73 27E	76.6	191.3	2.170	14.70	56.6	S0409	.07190	9.4828	1.4	F
9007	22843.36	55 1N	73 26E	76.6	191.2	2.170	15.05	56.6	S0409	.07190	9.4580	1.4	A
9008	22876.16	52 26N	72 2E	73.2	190.6	2.170	3.85	58.7	S0409	.07190	9.9033	0.6	F
9009	22881.36	52 26N	72 2E	73.2	190.5	2.170	4.55	58.7	S0409	.07190	9.8951	0.6	A
9010	22909.76	50 40N	71 45E	76.6	190.1	2.170	18.20	60.6	S0409	.05410	9.5735	0.4	V
9011	22912.56	50 40N	71 45E	77.6	190.0	2.170	18.55	60.6	S0409	.05410	9.3178	0.4	A
9012	22958.76	47 1N	70 10E	71.8	189.4	2.511	3.50	63.8	S0409	.05410	10.2249	0.6	V
9013	22967.96	46 16N	70 56E	86.2	189.3	2.170	31.50	63.9	S0409	.04090	8.5262	1.0	A
9014	23022.16	42 30N	68 51E	72.6	188.7	2.733	1.75	66.2	S0409	.05410	9.9940	0.6	F
9015	23027.36	42 30N	68 50E	72.6	188.7	2.733	2.45	66.2	S0409	.05410	9.9358	0.6	A
9016	23036.96	41 41N	69 24E	85.2	188.6	2.511	29.05	67.4	S0409	.04090	8.5592	0.8	F
9017	23039.96	41 41N	69 25E	84.5	188.6	2.511	29.40	67.4	S0409	.04090	8.6994	1.0	V
9018	23045.16	41 40N	69 AE	80.6	188.5	2.511	23.45	67.4	S0409	.05410	9.9480	0.6	A
9019	23054.96	40 47N	67 56E	73.0	188.4	2.733	-10.50	67.5	S0409	.05410	9.9198	0.6	F
9020	23063.96	39 45N	66 54E	88.4	188.3	2.170	-37.10	67.3	S0409	.04090	8.1387	0.6	F
9021	23080.76	38 33N	68 41E	84.9	188.2	2.385	30.10	69.1	S0409	.04090	8.6334	1.0	V
9022	23083.96	38 33N	68 41E	86.3	188.2	2.385	30.45	69.2	S0409	.04090	8.3613	0.6	A
9023	23092.76	37 39N	67 32E	72.5	188.1	2.872	-1.40	69.1	S0409	.05410	10.0023	0.8	F
9024	23097.96	37 39N	67 31E	72.5	188.1	2.872	-0.70	69.1	S0409	.05410	9.9940	0.8	A
9025	23106.16	36 45N	67 13E	72.6	188.0	2.872	-4.90	69.5	S0409	.05410	9.9854	0.8	F
9026	23111.36	36 45N	67 13E	72.5	188.0	2.872	-5.85	69.5	S0409	.05410	9.9940	0.8	A
9027	23221.96	28 43N	64 56E	79.7	187.3	2.872	-25.90	71.7	S0409	.04090	9.0457	0.6	F
9028	23224.76	28 43N	64 56E	78.6	187.3	2.872	-25.55	71.7	S0409	.05410	9.3174	0.6	V
9029	23227.56	28 43N	64 56E	79.3	187.3	2.872	-25.20	71.7	S0409	.05410	9.1447	0.6	A
1246 5001	28103.56	57 55N	53 17E	84.4	192.1	1.810	28.35	54.2	S0130	.02260	8.7065	0.6	V
5002	28106.56	57 55N	53 17E	85.7	192.1	1.810	28.70	54.2	S0130	.02260	8.4758	0.6	A
5003	28140.16	55 43N	51 12E	73.6	191.4	2.033	4.55	55.9	S0130	.03150	9.8692	2.2	A
5004	28167.16	53 54N	49 52E	73.4	190.8	2.170	-9.10	57.6	S0130	.03150	9.8603	0.6	F
5005	28172.36	53 54N	49 52E	73.3	190.8	2.170	-8.40	57.6	S0130	.03150	9.9186	0.8	A
5006	28242.96	48 27N	47 11E	85.9	189.7	1.810	-33.95	61.4	S0130	.02260	8.3383	0.8	F
5007	28249.16	48 27N	47 10E	85.7	189.6	2.033	-33.95	61.4	S0130	.02260	8.5065	0.6	A
9001	27934.96	69 47N	61 36E	81.0	193.9	1.332	19.95	43.1	S0409	.05410	9.0457	0.6	V
9002	27937.96	69 47N	61 35E	81.9	193.8	1.113	20.30	43.1	S0409	.05410	8.8478	0.6	A
9003	28009.36	64 14N	55 18E	74.9	194.9	1.475	-4.20	48.3	S0409	.07190	9.6724	1.0	F
9004	28014.76	64 14N	55 17E	74.7	194.7	1.475	-3.85	48.3	S0409	.07190	9.7136	1.0	A
9005	28100.36	57 55N	53 18E	85.4	192.2	1.810	28.35	54.2	S0409	.07190	8.5097	0.6	F
9006	28103.36	57 55N	53 17E	84.3	192.1	1.810	28.35	54.2	S0409	.07190	8.7076	0.8	V
9007	28126.76	56 16N	51 17E	73.4	191.6	2.033	-0.35	55.4	S0409	.09670	9.8786	0.6	F
9008	28131.96	56 17N	51 17E	73.3	191.5	2.033	0.35	55.4	S0409	.09670	9.8951	0.6	A
9009	28167.16	53 54N	49 52E	73.4	190.8	2.170	-9.10	57.6	S0409	.07190	9.8621	0.6	F
9010	28172.36	53 54N	49 52E	73.3	190.8	2.170	-8.40	57.6	S0409	.07190	9.9198	0.6	A
9011	28242.96	48 27N	47 11E	86.0	189.7	1.810	-33.95	61.4	S0409	.05410	8.3345	0.6	F
9012	28249.16	48 27N	47 10E	85.7	189.6	2.033	-33.95	61.4	S0409	.05410	8.5015	0.6	A
9013	28265.16	46 47N	48 17E	74.9	189.4	2.511	11.90	63.3	S0409	.07190	9.6389	1.0	F
9014	28270.56	46 47N	48 17E	75.2	189.3	2.385	12.95	63.3	S0409	.07190	9.6312	1.0	A
9015	28320.76	42 54N	47 39E	83.6	188.8	2.511	26.95	66.3	S0409	.07190	8.7159	0.6	F
9016	28323.76	42 54N	47 39E	82.8	188.8	2.511	27.30	66.3	S0409	.07190	8.8726	0.6	V
9017	28344.36	41 45N	46 23E	72.2	188.6	2.733	-0.70	66.9	S0409	.04090	10.0435	0.8	F
9018	28349.56	41 45N	46 22E	72.2	188.5	2.733	0.00	66.9	S0409	.04090	10.0352	0.8	A
9019	28358.56	40 52N	46 50E	79.3	188.4	2.511	22.75	67.8	S0409	.04090	9.2601	0.6	V
9020	28361.36	40 53N	46 50E	80.5	188.4	2.511	23.10	67.8	S0409	.04090	8.9860	0.8	A
9021	28410.36	36 53N	45 11E	71.9	188.0	2.872	-3.50	69.5	S0409	.07190	10.0795	0.6	F
9022	28415.56	36 53N	45 12E	71.9	188.0	2.872	-2.10	69.5	S0409	.07190	10.0847	0.6	A
9023	28417.16	36 46N	45 10E	72.0	188.0	2.872	-2.10	69.5	S0409	.07190	10.0765	1.2	A
9024	28430.56	35 52N	44 19E	77.3	187.9	2.733	-23.45	69.7	S0409	.05410	9.2949	0.6	F
9025	28433.36	35 52N	44 19E	76.7	187.9	2.733	-23.10	69.7	S0409	.07190	9.5570	0.6	V
9026	28443.96	34 59N	44 31E	73.7	187.8	2.872	-11.20	70.2	S0409	.04090	9.8456	1.0	A
9027	28451.56	34 42N	44 46E	72.8	187.8	2.872	4.55	70.8	S0409	.07190	10.0765	1.0	V
9028	28458.16	33 58N	44 22E	73.4	187.7	2.872	-8.40	70.7	S0409	.04090	9.8786	0.6	A
9029	28464.36	33 8N	44 36E	74.3	187.7	3.090	6.65	71.3	S0409	.07190	9.7631	1.6	F
9030	28469.76	33 0N	44 36E	74.6	187.6	2.872	8.05	71.3	S0409	.07190	9.7954	1.6	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1246 9031	28496.16	31 27N	43 11E	83.2	187.5	2.733	-30.80	71.0	S0409	.0409U	8.7241	1.0	A
9032	28655.56	19 57N	41 56E	76.4	186.8	3.211	7.35	71.4	S0409	.0541U	9.4829	1.0	F
9033	28685.16	18 6N	41 41E	78.5	186.7	3.211	11.20	70.8	S0409	.0541U	9.3261	1.0	V
9034	28821.16	8 55N	39 17E	83.6	186.5	3.439	-18.20	64.7	S0409	.0541U	8.6169	0.8	F
9035	28834.16	8 55N	39 17E	82.6	186.5	3.439	-17.85	64.7	S0409	.0541U	8.8596	0.8	V
9036	29182.56	16 0S	35 45E	98.5	186.7	3.090	11.55	44.6	S0409	.0541U	7.3388	1.4	V
9037	29192.16	16 8S	34 41E	100.6	186.7	3.439	-20.65	45.6	S0409	.0541U	7.1704	1.0	V
9038	29199.16	17 24S	35 4E	97.2	186.7	3.439	-3.85	43.2	S0409	.0719U	7.3655	0.8	F
9039	29205.16	17 20S	35 4E	97.9	186.7	3.439	-3.85	43.2	S0409	.0541U	7.2728	1.2	A
9040	29237.36	19 47S	34 51E	99.3	186.5	3.211	3.85	41.1	S0409	.0719U	7.2728	0.6	V
9041	29241.16	19 58S	34 50E	100.3	186.5	3.211	4.20	41.1	S0409	.0719U	7.0502	0.6	A
9042	29314.56	25 1S	33 39E	102.8	187.1	3.211	-2.45	36.2	S0409	.0719U	7.0090	0.6	V
9043	29322.76	25 9S	32 54E	108.5	187.1	3.211	-21.00	35.4	S0409	.0541U	6.6296	1.0	V
9044	29329.16	25 9S	32 47E	111.5	187.1	3.439	-23.10	35.3	S0409	.0541U	6.5423	1.0	A
9045	29359.36	27 9S	32 27E	109.7	187.3	3.211	-19.25	33.1	S0409	.0719U	6.5554	0.8	V
9046	29363.36	27 9S	32 28E	110.8	187.3	3.439	-18.55	33.1	S0409	.0541U	6.4152	0.8	A
9047	29369.16	28 4S	42 14E	113.5	187.3	3.439	-22.40	32.7	S0409	.0541U	6.2668	0.8	A
1247 5001	33473.96	53 52N	26 57E	81.9	190.3	1.687	-28.70	57.5	S0130	.0226U	6.8220	0.6	F
5002	33479.96	53 52N	26 57E	81.5	190.7	1.810	-28.35	57.5	S0130	.0226U	6.9210	0.6	A
9001	33245.76	68 59N	37 40E	78.4	196.0	1.332	13.30	44.2	S0409	.0719U	9.2271	0.6	F
9002	33251.36	68 46N	37 49E	78.8	197.7	1.332	13.65	44.2	S0409	.0719U	9.2354	0.8	A
9003	33280.16	66 54N	34 45E	75.5	196.3	1.332	-5.95	46.2	S0409	.0967U	9.5817	0.8	F
9004	33285.76	66 41N	34 46E	75.3	196.1	1.475	-5.60	46.2	S0409	.0967U	9.6229	0.8	A
9005	33290.16	66 0N	34 42E	74.2	195.9	1.475	0.35	46.7	S0409	.0719U	9.8703	0.4	V
9006	33292.96	65 50N	34 43E	75.0	195.8	1.475	0.70	46.7	S0409	.0719U	9.6559	0.4	A
9007	33302.16	59 54N	30 15E	74.8	192.8	1.687	-14.35	52.1	S0409	.0719U	9.8043	0.6	V
9008	33304.96	59 54N	30 15E	75.5	192.7	1.687	-14.00	52.1	S0409	.0719U	9.6147	0.6	A
9009	33443.56	55 44N	28 28E	73.5	191.4	2.033	-12.60	55.8	S0409	.0719U	9.9775	1.0	V
9010	33450.76	54 60N	28 48E	73.5	191.3	2.170	3.85	56.5	S0409	.0719U	9.8703	0.6	F
9011	33453.56	54 59N	28 48E	72.6	191.2	2.170	4.20	56.5	S0409	.0719U	10.1095	0.4	V
9012	33456.16	54 59N	28 48E	73.5	191.2	2.170	4.55	56.5	S0409	.0719U	9.8703	0.8	A
9013	33464.36	54 7N	28 7E	73.1	191.0	2.170	-5.25	57.2	S0409	.0719U	9.9853	0.4	F
9014	33466.96	54 7N	28 7E	72.2	191.0	2.170	-4.90	57.2	S0409	.0719U	10.1589	0.4	V
9015	33473.96	53 52N	26 57E	81.9	190.3	1.687	-28.70	57.5	S0409	.0719U	9.8251	0.6	F
9016	33479.76	53 52N	26 57E	81.5	190.7	1.810	-28.35	57.5	S0409	.0719U	9.9220	0.6	A
9017	33496.56	52 14N	27 50E	73.8	190.4	2.170	7.70	58.9	S0409	.0719U	9.8291	1.0	A
9018	33516.96	50 57N	27 39E	76.7	190.1	2.170	18.55	60.3	S0409	.0719U	9.5652	0.6	V
9019	33519.76	50 37N	27 40E	77.8	190.1	2.170	18.90	60.3	S0409	.0719U	9.3096	0.6	A
9020	33527.76	49 42N	27 15E	76.3	190.0	2.385	15.75	61.0	S0409	.0719U	9.5075	0.8	F
9021	33530.16	49 32N	27 12E	76.3	189.9	2.385	15.75	61.2	S0409	.0719U	9.5157	0.6	F
9022	33531.76	49 26N	27 10E	76.3	189.9	2.385	15.75	61.2	S0409	.0719U	9.5157	1.0	F
9023	33535.16	49 26N	27 9E	75.5	189.9	2.385	16.10	61.3	S0409	.0719U	9.7156	0.4	V
9024	33540.16	48 56N	26 43E	73.9	189.8	2.385	8.40	61.6	S0409	.0719U	9.8208	0.6	F
9025	33543.16	48 52N	26 43E	73.1	189.8	2.385	8.75	61.6	S0409	.0719U	10.0455	0.4	V
9026	33549.56	48 19N	25 58E	72.9	189.7	2.385	-0.45	61.8	S0409	.0719U	9.9268	0.6	F
9027	33554.16	48 21N	25 58E	72.8	189.6	2.385	-0.70	61.8	S0409	.0719U	9.9683	0.4	A
9028	33555.16	48 17N	25 57E	72.8	189.6	2.385	-0.75	61.9	S0409	.0719U	9.9775	0.6	A
9029	33593.36	45 44N	24 43E	77.3	188.1	2.385	-23.45	63.6	S0409	.0719U	9.4003	0.8	A
9030	33606.56	44 27N	26 0E	82.7	189.0	2.170	27.65	65.2	S0409	.0541U	8.8868	0.4	V
9031	33609.56	44 27N	26 0E	83.9	189.0	2.170	28.00	65.2	S0409	.0541U	8.6169	0.4	A
9032	33616.56	43 59N	25 13E	74.6	188.9	2.511	11.20	65.5	S0409	.0719U	9.7549	0.4	F
9033	33619.16	43 59N	25 13E	73.7	188.9	2.511	11.55	65.5	S0409	.0719U	9.9618	0.8	V
9034	33625.16	43 5N	25 6E	75.0	188.8	2.511	12.60	66.0	S0409	.0719U	9.6489	0.6	F
9035	33630.56	43 5N	25 6E	75.3	188.8	2.511	13.45	66.0	S0409	.0719U	9.6147	0.6	A
9036	33633.36	42 41N	25 0E	74.0	188.7	2.511	13.30	66.2	S0409	.0719U	9.9268	0.4	V
9037	33636.96	42 41N	25 0E	74.9	188.7	2.511	13.65	66.2	S0409	.0719U	9.6042	0.8	A
9038	33646.76	41 50N	23 39E	77.2	188.4	2.385	-25.20	66.2	S0409	.0719U	9.4910	0.6	V
9039	33649.56	41 50N	23 39E	77.9	188.4	2.385	-24.85	66.2	S0409	.0719U	9.3261	0.6	A
9040	33660.16	41 1N	22 56E	88.7	188.3	2.033	-38.15	66.5	S0409	.0409U	8.2541	0.4	V
9041	33663.36	41 1N	22 56E	89.4	188.3	2.033	-37.80	66.5	S0409	.0409U	8.1304	0.4	A
9042	33702.56	37 50N	23 52E	76.1	188.1	2.733	16.45	69.2	S0409	.0719U	9.6594	0.6	V
9043	33705.36	37 50N	23 50E	76.8	188.1	2.733	16.10	69.2	S0409	.0541U	9.4085	0.6	A
9044	33773.16	32 50N	22 11E	73.2	187.7	2.872	-3.15	71.1	S0409	.0719U	9.9033	0.6	F
9045	33775.96	32 50N	22 11E	72.3	187.8	2.872	-2.80	71.2	S0409	.0967U	10.1342	0.4	V
9046	33778.56	32 50N	22 11E	73.2	187.8	2.872	-2.45	71.2	S0409	.0719U	9.8951	0.4	A
9047	34312.96	4 16S	15 19E	88.8	186.4	3.439	-3.15	54.9	S0409	.0541U	8.1716	0.6	F
9048	34316.16	4 17S	15 19E	87.2	186.4	3.439	-2.45	54.9	S0409	.0541U	8.3366	0.6	V
9049	34367.16	7 34S	15 9E	92.2	186.5	3.211	8.75	52.2	S0409	.0409U	7.7429	0.8	A
1248 9001	38841.55	49 9N	4 27E	72.5	189.3	2.385	0.35	61.3	S0409	.0719U	9.9858	0.8	F
9002	38846.75	49 5N	4 27E	72.6	189.8	2.385	1.40	61.3	S0409	.0719U	9.9945	0.8	A
9003	38927.15	43 15N	2 59E	74.3	188.5	2.511	10.50	65.8	S0409	.0719U	9.7714	1.0	F
9004	38932.55	43 15N	2 59E	74.5	188.5	2.511	11.20	65.8	S0409	.0719U	9.7219	1.0	A
9005	39027.35	36 30N	1 20E	74.8	188.0	2.733	12.95	69.9	S0409	.0719U	9.8126	0.6	V
9006	39031.75	36 14N	1 20E	75.9	188.0	2.733	13.75	70.1	S0409	.0409U	9.6642	0.8	V
9007	39042.35	35 26N	0 9E	76.7	187.9	2.733	-21.70	69.8	S0409	.0541U	9.4168	0.6	F
9008	39045.15	35 26N	0 9E	75.7	187.9	2.733	-21.35	69.8	S0409	.0719U	9.6889	0.6	V
9009	39062.95	34 11N	0 5E	72.8	187.8	2.872	-13.30	70.5	S0409	.0719U	10.0608	0.8	V
9010	39065.75	34 10N	0 5E	73.6	187.7	2.872	-12.95	70.5	S0409	.0719U	9.8558	0.6	A
1250 9001	50436.95	18 50S	53 10W	100.9	186.3	3.090	10.50	42.1	S0409	.0541U	7.1077	1.0	F
9002	50444.35	19 1S	52 55W	105.8	186.3	2.872	13.95	42.0	S0409	.0541U	6.8558	1.0	V
9003	50448.75	19 9S	52 50W	109.9	186.3	2.511	23.10	42.0	S0409	.0541U	6.4647	1.0	A

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1250 9004	50462.15	20 26S	54 40W	108.7	186.8	3.211	-26.95	40.0	S0409	.0541U	6.5554	1.0	F
9005	50470.35	20 27S	54 39W	108.1	186.9	3.674	-25.90	40.0	S0409	.0541U	6.6049	0.6	A
9006	50477.55	20 27S	54 44W	108.3	186.9	3.674	-25.55	39.6	S0409	.0541U	6.5967	1.0	A
9007	50487.55	22 16S	54 55W	108.2	186.9	3.211	-24.50	38.5	S0409	.0541U	6.5802	1.0	F
9008	50502.95	22 36S	55 14W	113.3	187.0	3.439	-29.40	38.0	S0409	.0541U	6.3060	1.0	A
9009	50513.95	23 59S	55 2W	105.5	187.0	3.211	-17.50	36.9	S0409	.0541U	6.7533	1.0	F
9010	50527.15	24 26S	54 3W	109.0	187.1	2.733	16.10	37.0	S0409	.0541U	6.4895	1.2	A
9011	50533.55	25 24S	54 28W	105.4	187.1	3.090	4.05	36.0	S0409	.0719U	6.7781	1.0	F
9012	50537.95	25 40S	54 28W	106.3	187.1	2.672	9.80	35.7	S0409	.0541U	6.7286	1.0	F
9013	50543.15	25 51S	54 37W	105.3	187.1	3.090	5.25	35.8	S0409	.0719U	6.7369	0.6	A
9014	50551.15	26 0S	54 32W	107.6	187.2	2.872	10.85	35.4	S0409	.0541U	6.5802	1.0	A
9015	50555.35	26 26S	54 33W	108.4	187.2	2.872	11.90	35.1	S0409	.0541U	6.5307	1.2	A
9016	50541.35	24 03S	56 3W	110.2	187.3	3.211	-18.90	32.6	S0409	.0541U	6.4365	0.6	F
9017	50590.55	28 58S	55 59W	109.5	187.3	3.211	-15.75	32.6	S0409	.0541U	6.4977	0.4	A
9018	50598.55	29 46S	55 47W	107.1	187.4	3.090	-4.55	31.7	S0409	.0719U	6.6544	0.6	F
9019	50715.95	37 42S	57 25W	114.1	188.1	2.733	-0.35	24.2	S0409	.0719U	6.2256	0.6	F
9020	50720.15	37 42S	57 25W	113.1	188.1	2.733	0.00	24.2	S0409	.0719U	6.3410	0.6	V
9021	50723.95	37 37S	57 30W	113.2	188.1	2.733	-3.85	23.9	S0409	.0719U	6.3324	0.8	V
1251 9001	55192.95	19 14N	69 20W	79.2	186.3	3.439	-14.55	70.6	S0409	.0541U	9.1447	0.6	A
9002	55203.35	19 47N	68 56W	77.4	186.8	3.211	4.20	70.8	S0409	.0541U	9.3343	1.0	A
9003	55294.15	11 44N	70 13W	78.6	186.5	3.439	1.05	67.2	S0409	.0719U	9.3013	0.6	V
9004	55301.15	11 40N	70 13W	79.7	186.5	3.439	1.40	67.2	S0409	.0719U	9.0457	0.6	A
9005	55384.54	6 0N	71 21W	82.0	186.4	3.674	-4.55	63.1	S0409	.0541U	8.7416	0.8	A
1252 9001	60247.34	36 15N	86 43W	82.3	188.0	2.511	26.60	70.3	S0409	.0541U	8.9220	3.0	V
1258 9001	5456.92	49 47N	142 52E	76.1	190.0	2.033	-23.10	60.5	S0409	.0541U	9.2601	0.6	F
9002	5472.52	49 46N	142 53E	77.5	189.9	2.170	-22.40	60.5	S0409	.0541U	9.3673	0.5	A
9003	5478.72	49 49N	142 57E	75.0	189.9	2.385	-18.90	60.9	S0409	.0541U	9.6807	1.2	A
9004	5502.12	47 19N	142 47E	72.6	189.0	2.511	-3.15	62.6	S0409	.0541U	9.9458	1.0	F
9005	5507.12	47 19N	142 48E	72.5	189.4	2.511	-2.45	62.6	S0409	.0541U	10.0105	1.2	A
9006	5513.32	46 42N	142 49E	72.1	189.4	2.511	4.20	63.2	S0409	.0719U	10.1754	0.4	V
9007	5518.92	46 42N	142 49E	73.0	189.6	2.511	4.55	63.2	S0409	.0719U	9.9563	0.4	A
9008	5524.92	46 07N	142 5E	72.7	189.2	2.511	-12.60	63.5	S0409	.0719U	10.0958	0.6	V
9009	5527.72	46 07N	142 5E	73.4	189.2	2.511	-12.25	63.5	S0409	.0719U	9.8951	0.4	A
9010	5658.12	36 30N	140 37E	79.7	188.0	2.733	21.35	70.0	S0409	.0541U	9.1282	1.0	F
9011	5663.92	36 30N	140 37E	80.2	188.0	2.511	22.40	70.0	S0409	.0541U	9.0218	1.0	A
9012	5671.52	35 47N	140 24E	78.1	187.9	2.733	20.30	70.4	S0409	.0541U	9.3320	0.8	V
9013	5677.32	35 20N	139 56E	72.8	187.9	2.872	6.65	70.5	S0409	.0719U	10.0347	0.8	V
9014	5644.12	35 0N	139 60E	75.3	187.8	2.872	12.25	70.5	S0409	.0719U	9.6229	0.6	A
1259 9001	10718.32	53 50N	123 5AE	81.2	190.9	2.033	23.80	57.5	S0409	.0541U	8.9138	0.4	A
9002	10861.32	44 1N	119 8E	76.0	188.9	2.385	-21.70	64.8	S0409	.0719U	9.5075	0.4	F
9003	10868.32	43 46N	118 34E	84.8	188.9	2.033	-38.65	64.7	S0409	.0409U	8.6417	1.0	V
9004	10874.12	43 33N	118 41E	81.8	104.8	2.385	-30.45	65.0	S0409	.0541U	8.8498	0.4	A
9005	10887.52	42 12N	118 51E	74.0	188.7	2.511	-15.40	66.1	S0409	.0541U	9.7714	0.6	F
9006	10892.92	42 11N	118 51E	73.7	188.6	2.511	-14.70	66.1	S0409	.0541U	9.8856	0.8	A
9007	10907.52	40 40N	119 8E	73.4	188.5	2.733	7.35	67.4	S0409	.0719U	9.8969	0.6	F
9008	10912.72	40 40N	119 9E	73.6	188.4	2.733	8.40	67.4	S0409	.0719U	9.8456	0.6	A
9009	10919.52	40 5N	119 28E	80.5	188.4	2.511	24.50	68.1	S0409	.0541U	9.1282	0.4	V
9010	10922.32	40 4N	119 29E	81.9	188.4	2.511	25.20	68.1	S0409	.0541U	8.8343	0.4	A
9011	10924.52	39 54N	119 27E	82.0	188.3	2.511	25.20	68.2	S0409	.0409U	8.8231	0.6	A
9012	10939.52	39 5N	117 26E	84.8	188.2	2.385	-33.60	67.7	S0409	.0409U	8.5923	1.2	A
9013	10943.92	39 4ON	117 32E	81.6	188.2	2.385	-29.75	67.9	S0409	.0541U	8.8973	0.6	A
9014	10957.52	37 42N	116 7E	72.5	188.1	2.872	-1.05	69.0	S0409	.0719U	9.9140	0.6	A
9015	10967.52	36 42N	117 21E	76.6	188.0	2.733	-21.35	69.2	S0409	.0541U	9.4333	0.6	F
9016	10975.32	36 0N	117 39E	72.6	188.0	2.872	-5.60	69.7	S0409	.0719U	9.9775	0.4	F
9017	10976.72	36 2N	117 38E	72.6	187.9	2.872	-5.60	69.8	S0409	.0719U	9.9775	0.8	F
9018	10981.92	36 2N	117 38E	72.5	187.9	2.872	-4.55	69.8	S0409	.0541U	9.9940	0.6	A
9019	10992.92	35 0N	117 9E	73.7	187.8	2.872	-15.75	70.0	S0409	.0541U	9.9445	0.6	V
9020	11002.32	34 16N	117 15E	72.6	187.8	2.872	-4.90	70.6	S0409	.0541U	9.9528	1.0	F
9021	11007.72	34 13N	117 15E	72.8	187.7	2.872	-3.50	70.6	S0409	.0541U	9.9610	0.8	A
9022	11043.12	1 16N	111 28E	86.7	186.4	3.211	12.95	59.8	S0409	.0541U	8.4025	0.6	V
9023	11046.32	1 16N	111 28E	88.0	186.4	3.211	13.30	59.8	S0409	.0541U	8.1367	0.6	A
1262 5001	26632.51	54 40N	55 6E	96.7	191.1	1.332	-41.65	56.2	S0130	.0226U	7.4616	2.8	F
5002	26639.51	54 44N	54 53E	101.0	191.0	1.332	-44.45	56.1	S0130	.0226U	7.2060	2.6	A
5003	26678.71	51 40N	55 15E	74.3	190.3	2.170	-16.45	59.0	S0130	.0226U	9.8609	2.8	V
9001	26442.11	67 34N	64 10E	75.1	196.9	1.332	-3.85	45.1	S0409	.0719U	9.7466	0.6	V
9002	26444.91	67 34N	64 10E	75.9	196.5	1.332	-3.85	45.1	S0409	.0719U	9.5405	0.6	A
9003	26575.71	58 41N	59 48E	82.3	192.3	1.687	24.15	53.4	S0409	.0719U	8.7901	1.0	A
9004	26659.11	52 40N	55 47E	74.3	190.7	2.170	-12.95	58.1	S0409	.0719U	9.7301	0.6	F
9005	26661.91	52 40N	55 47E	73.3	190.6	2.170	-12.60	58.2	S0409	.0719U	10.0023	0.6	V
9006	26665.51	52 24N	55 44E	73.6	190.5	2.170	-10.15	58.5	S0409	.0719U	9.8208	1.0	F
9007	26670.91	52 21N	55 44E	73.4	190.5	2.170	-9.45	58.5	S0409	.0719U	9.8868	1.0	A
9008	26686.11	51 10N	55 5E	74.4	190.2	2.170	-16.45	59.4	S0409	.0719U	9.8538	0.6	V
9009	26688.91	51 9N	55 4E	75.2	190.2	2.170	-16.45	59.5	S0409	.0719U	9.6477	0.6	A
9010	26730.31	47 50N	53 49E	78.3	189.6	2.170	-23.80	61.9	S0409	.0719U	9.2169	0.8	F
9011	26735.91	47 50N	53 49E	77.9	189.5	2.385	-23.45	61.9	S0409	.0719U	9.3343	0.8	A
9012	26839.11	40 20N	52 44E	74.0	188.4	2.733	8.75	67.6	S0409	.0409U	9.8043	0.6	F
9013	26844.51	40 24N	52 44E	74.2	188.4	2.733	9.45	67.6	S0409	.0409U	9.7531	0.6	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1262 9014	26897.11	36 57N	50 41E	83.5	188.0	2.511	-31.85	68.8	S0409	.05410	8.7159	1.0	A
9015	26907.11	35 40N	51 24E	72.2	187.9	2.872	1.40	70.0	S0409	.07190	10.0352	0.8	F
9016	26912.31	35 40N	51 23E	72.3	187.9	2.872	2.10	70.0	S0409	.07190	10.0187	0.8	A
9017	26913.71	35 40N	51 22E	72.4	187.9	2.872	2.10	70.1	S0409	.07190	10.0023	0.8	A
9018	26928.71	34 40N	50 52E	72.7	187.8	2.872	-8.40	70.3	S0409	.07190	9.9775	0.6	A
9019	26980.51	30 40N	49 41E	77.8	187.5	2.872	-22.05	71.3	S0409	.05410	9.2766	0.6	F
9020	26995.11	29 40N	50 30E	79.4	187.4	2.872	18.90	72.4	S0409	.05410	9.1364	0.7	F
9021	27000.91	29 40N	50 31E	80.2	187.4	2.733	20.30	72.5	S0409	.05410	9.0845	0.4	A
9022	27030.91	27 10N	49 16E	74.7	187.2	3.090	-10.85	72.1	S0409	.07190	9.6307	0.8	F
9023	27038.71	27 3N	49 40E	75.7	187.2	3.090	8.40	72.5	S0409	.07190	9.5487	1.0	A
9024	27328.31	7 7N	45 45E	81.2	186.5	3.439	-1.40	64.0	S0409	.05410	8.8726	1.2	A
9025	27344.31	5 40N	45 46E	82.5	186.4	3.211	8.40	63.2	S0409	.05410	8.8478	0.8	V
9026	27347.31	5 40N	45 46E	83.7	186.4	3.211	8.75	63.2	S0409	.05410	8.5839	1.0	A
9027	27384.11	2 0N	45 18E	87.6	186.4	3.211	13.65	60.5	S0409	.05410	8.2541	0.6	F
9028	27397.31	2 0N	45 18E	87.1	186.4	3.211	14.56	60.5	S0409	.05410	8.3695	1.0	V
9029	27400.51	2 0N	45 18E	88.5	186.4	3.211	14.70	60.5	S0409	.05410	8.1057	1.0	A
1263 9001	31794.71	64 30N	39 16E	76.2	195.0	1.475	-14.35	47.8	S0409	.07190	9.6064	0.4	V
9002	31797.51	64 30N	39 16E	76.9	194.9	1.475	-14.00	47.8	S0409	.07190	9.4250	0.4	A
9003	31806.71	63 25N	40 26E	82.1	194.6	1.687	22.05	49.1	S0409	.07190	8.8613	0.8	F
9004	31812.51	63 20N	40 25E	82.0	194.4	1.475	22.40	49.1	S0409	.07190	8.8866	0.8	A
9005	31892.11	57 40N	36 40E	75.9	192.1	2.033	11.55	54.1	S0409	.07190	9.5487	1.0	F
9006	31897.71	57 35N	36 39E	75.9	192.0	2.033	11.90	54.1	S0409	.07190	9.5405	0.8	A
9007	31906.31	56 52N	35 45E	73.6	191.8	2.033	-0.70	54.8	S0409	.07190	9.8436	1.0	F
9008	31911.71	56 51N	35 45E	73.5	191.7	2.033	0.00	54.8	S0409	.07190	9.8621	1.6	A
9009	31919.91	56 48N	36 7E	77.0	191.5	2.033	17.50	55.7	S0409	.07190	9.5240	0.4	V
9010	31922.71	56 48N	36 7E	78.0	191.5	2.033	17.85	55.7	S0409	.07190	9.2766	0.4	A
9011	31946.51	53 30N	35 47E	86.1	191.0	2.033	29.40	57.6	S0409	.05410	8.4355	0.6	F
9012	31949.51	53 30N	35 48E	85.4	191.0	2.033	29.75	57.6	S0409	.05410	8.5922	0.6	V
9013	31958.31	53 19N	34 24E	73.3	190.8	2.170	2.10	57.8	S0409	.07190	9.8951	0.8	F
9014	31963.51	53 19N	34 25E	73.2	190.7	2.170	2.80	57.8	S0409	.07190	9.8951	0.4	A
9015	31981.51	51 40N	33 44E	72.9	190.4	2.385	-0.70	59.1	S0409	.07190	9.9445	0.4	F
9016	31987.71	51 40N	33 32E	72.9	190.3	2.170	-5.25	59.1	S0409	.07190	9.9528	1.6	A
9017	31994.91	50 49N	33 31E	73.0	190.2	2.385	2.45	59.9	S0409	.07190	9.9280	0.4	F
9018	32000.11	50 50N	33 31E	73.0	190.1	2.385	3.15	59.9	S0409	.07190	9.9280	0.4	A
9019	32006.71	49 50N	33 40E	76.3	190.0	2.385	15.05	60.7	S0409	.07190	9.5157	0.8	F
9020	32012.11	48 50N	33 40E	76.6	189.8	2.170	16.10	60.7	S0409	.07190	9.4588	1.0	A
9021	32051.71	46 50N	31 59E	72.8	189.4	2.385	-6.65	62.8	S0409	.09670	9.9528	0.8	F
9022	32056.91	46 50N	31 59E	72.6	189.4	2.511	-5.95	62.8	S0409	.09670	9.9855	0.6	A
9023	32284.31	31 11N	27 55E	73.3	187.5	2.872	-11.55	71.4	S0409	.07190	9.9940	1.2	V
1264 9001	37255.51	54 12N	12 7E	73.3	191.0	2.033	-11.55	57.0	S0409	.09670	10.0105	0.6	V
9002	37258.31	54 12N	12 7E	74.0	190.9	2.033	-11.20	57.0	S0409	.09670	9.8043	0.6	A
9003	37263.91	53 47N	11 51E	74.1	190.8	2.033	-11.55	57.6	S0409	.07190	9.7631	0.8	F
9004	37266.71	53 26N	11 51E	73.1	190.8	2.033	-11.20	57.6	S0409	.07190	10.0270	0.6	V
9005	37271.31	53 21N	11 31E	76.1	190.7	2.033	-14.55	57.6	S0409	.07190	9.5522	0.8	A
9006	37519.91	36 0N	6 23E	80.3	187.9	2.511	-29.40	69.3	S0409	.05410	9.1199	0.6	V
9007	37522.91	36 0N	6 22E	80.9	187.9	2.511	-29.05	69.3	S0409	.05410	8.9715	0.6	A
9008	37583.71	31 57N	5 25E	85.1	187.5	2.733	-30.80	70.8	S0409	.04090	8.7489	0.8	A
1266 9001	48829.90	11 9S	46 50W	105.5	186.6	3.574	-31.85	46.0	S0409	.05410	6.7946	0.4	A
9002	48841.30	12 9S	46 42W	97.8	186.6	3.439	-21.00	47.0	S0409	.05410	7.3141	0.8	F
9003	48849.30	13 4S	46 28W	94.1	186.5	3.439	-9.45	46.7	S0409	.05410	7.6109	1.0	F
9004	48870.50	15 1S	47 20W	102.8	186.7	3.439	-25.90	44.6	S0409	.05410	6.9830	1.0	F
9005	48951.90	20 1S	48 28W	111.0	186.3	3.211	-29.75	40.0	S0409	.05410	6.4070	1.0	F
9006	48963.10	21 0S	47 46W	98.6	186.9	3.211	-4.90	39.8	S0409	.07190	7.3223	1.0	V
9007	48970.50	21 1S	48 6W	101.9	186.9	3.439	-14.00	39.5	S0409	.05410	6.9925	0.8	A
9008	48977.70	21 5S	47 54W	100.4	186.9	3.211	-4.20	39.2	S0409	.07190	7.0832	1.0	A
9009	48982.50	22 1OS	48 1W	100.8	186.9	3.439	-6.30	38.8	S0409	.07190	7.0584	0.8	A
9010	48991.70	22 4S	48 33W	105.1	187.0	3.439	-18.90	38.1	S0409	.05410	6.7863	0.8	A
9011	49099.90	23 1OS	48 48W	108.2	187.0	3.439	-23.10	37.6	S0409	.05410	6.5884	1.0	A
9012	49016.10	24 0S	47 50W	107.3	187.1	2.733	14.30	36.9	S0409	.05410	6.5967	1.0	A
9013	49061.50	27 0S	48 33W	108.3	187.2	2.872	9.80	34.0	S0409	.07190	6.5339	0.6	A
1267 9001	54124.70	11 0S	68 45W	103.1	186.5	3.574	-29.75	48.6	S0409	.05410	6.9512	0.8	A
9002	54143.90	12 0S	67 44W	99.2	186.5	3.090	16.45	47.6	S0409	.05410	7.2481	0.4	F
9003	54156.90	13 1OS	68 30W	94.2	186.6	3.574	-7.70	46.9	S0409	.05410	7.5862	1.0	A
9004	54170.30	14 4OS	68 29W	94.3	186.6	3.439	1.40	45.8	S0409	.07190	7.6109	1.0	F
9005	54182.70	15 2OS	67 48W	109.4	186.6	2.511	27.65	45.5	S0409	.05410	6.6214	1.0	V
9006	54188.10	15 3OS	68 1W	105.8	186.7	2.733	22.40	45.4	S0409	.05410	6.7121	1.0	A
9007	54194.90	16 2OS	68 17W	101.1	186.7	2.872	15.55	44.4	S0409	.05410	7.0997	1.2	F
9008	54212.70	17 0OS	69 25W	96.1	186.7	3.439	-13.30	43.0	S0409	.07190	7.4460	0.8	F
9009	54217.10	17 5OS	69 39W	98.6	186.7	3.439	-18.90	42.6	S0409	.05410	7.2481	1.2	F
9010	54224.30	18 1OS	70 20W	114.9	186.7	3.211	-35.00	41.9	S0409	.04090	6.1946	1.2	F
9011	54232.70	19 2OS	69 53W	102.4	186.8	3.574	-21.70	42.1	S0409	.05410	6.9760	0.8	A
9012	54296.70	22 4OS	70 17W	101.8	187.0	3.439	-7.70	38.2	S0409	.07190	6.9842	1.0	A
1268 9001	58932.89	22 9ON	83 40W	79.5	187.0	3.090	15.75	72.3	S0409	.05410	9.1447	0.4	F
9002	58940.29	22 3N	84 16W	75.3	186.9	3.211	-5.60	71.7	S0409	.07190	9.6229	0.4	F
9003	58944.69	22 7N	84 9W	75.4	186.9	3.211	0.00	71.8	S0409	.07190	9.5900	0.6	A
9004	59083.69	12 10N	86 10W	79.2	186.5	3.439	-9.60	67.3	S0409	.05410	9.1282	0.8	F
9005	59089.29	12 11N	86 10W	79.2	186.5	3.439	-8.75	67.3	S0409	.05410	9.1199	1.0	A
1273 9001	64869.08	64 40N	177 54E	80.0	195.2	1.332	-20.65	47.5	S0409	.07190	9.0292	0.6	F

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1273 9002	84862.28	64 40N	177 54E	79.0	195.1	1.332	-20.65	47.5	S0409	.07190	9.2766	0.6	V
9003	84865.08	64 40N	177 55E	79.6	195.0	1.332	-20.30	47.5	S0409	.07190	9.1117	0.6	A
1274 9001	4065.08	44 05N	147 37E	76.4	189.1	2.385	-23.10	64.0	S0409	.07190	9.5982	0.4	V
9002	4067.88	44 05N	147 37E	77.1	189.0	2.385	-22.75	64.0	S0409	.07190	9.4250	0.4	A
9003	4881.08	10 05S	136 46E	96.6	186.5	3.574	-19.25	43.8	S0409	.04090	7.4213	0.6	A
1275 5001	9664.07	24 05N	121 16E	75.2	187.1	3.211	-12.60	72.0	S0130	.02260	9.6136	0.4	F
9001	9270.47	51 04N	128 12E	73.6	190.4	2.170	-7.00	58.9	S0409	.07190	9.9115	0.4	F
9002	9272.07	51 04N	128 9E	73.0	190.4	2.170	-7.00	59.0	S0409	.07190	9.9198	0.4	F
9003	9274.67	51 04N	128 9E	72.1	190.4	2.170	-6.65	59.0	S0409	.07190	10.1754	0.6	V
9004	9277.47	51 07N	128 9E	72.8	190.3	2.170	-6.30	59.0	S0409	.07190	9.9610	0.4	A
9005	9282.87	51 11N	128 26E	73.0	190.2	2.385	7.70	59.6	S0409	.05410	10.0517	0.4	V
9006	9285.67	51 10N	128 27E	73.9	190.2	2.170	8.40	59.6	S0409	.05410	9.8126	0.4	A
9007	9292.87	50 25N	127 36E	73.1	190.1	2.385	-9.10	60.1	S0409	.07190	9.8951	0.6	F
9008	9294.07	50 10N	127 35E	73.1	190.1	2.385	-9.10	60.1	S0409	.07190	9.8951	0.4	F
9009	9296.67	50 10N	127 34E	72.2	190.0	2.170	-8.75	60.1	S0409	.09670	10.1507	0.6	V
9010	9300.47	49 52N	127 20E	73.6	190.0	2.170	-11.90	60.4	S0409	.05410	9.8291	0.6	F
9011	9305.67	49 53N	127 20E	73.4	189.9	2.385	-11.55	60.5	S0409	.05410	9.8351	0.6	A
9012	9359.07	45 47N	126 43E	73.7	189.2	2.511	8.40	63.8	S0409	.07190	9.8538	0.6	F
9013	9364.27	45 46N	126 43E	73.8	189.2	2.511	9.10	63.8	S0409	.07190	9.8208	0.6	A
9014	9371.47	45 16N	126 56E	73.0	189.1	2.385	19.95	64.3	S0409	.05410	9.2766	0.4	A
9015	9392.47	43 49N	125 33E	72.0	188.9	2.511	-10.85	65.0	S0409	.07190	10.1754	0.6	V
9016	9395.27	43 44N	125 33E	72.8	188.8	2.511	-10.50	65.0	S0409	.07190	9.9693	0.6	A
9017	9417.87	41 59N	125 12E	71.2	188.5	2.733	-7.00	66.3	S0409	.07190	10.2991	0.4	V
9018	9420.47	41 54N	125 12E	72.0	188.6	2.733	-6.65	66.3	S0409	.07190	10.0765	0.4	A
9019	9442.27	40 4N	125 14E	74.9	188.4	2.733	11.20	67.7	S0409	.07190	9.7466	0.6	F
9020	9447.47	40 2N	125 13E	74.6	188.4	2.733	11.55	67.7	S0409	.07190	9.7004	1.0	A
9021	9460.67	38 50N	125 31E	84.8	188.3	2.385	29.75	66.8	S0409	.05410	8.6499	0.4	V
9022	9463.87	38 50N	125 31E	86.2	188.2	2.385	30.10	66.8	S0409	.05410	8.3860	0.4	A
9023	9469.87	38 35N	124 51E	74.9	188.2	2.733	12.25	66.7	S0409	.07190	9.6642	0.4	A
9024	9572.07	31 20N	122 15E	78.0	187.5	2.733	-24.85	71.0	S0409	.05410	9.3920	0.4	V
9025	9574.87	31 20N	122 14E	79.7	187.5	2.733	-24.50	71.0	S0409	.05410	9.2271	0.4	A
9026	9594.47	29 50N	121 57E	77.7	187.4	2.872	-23.80	71.4	S0409	.05410	9.4250	0.4	V
9027	9597.27	29 50N	121 57E	78.4	187.4	2.872	-23.45	71.4	S0409	.05410	9.2519	0.4	A
9028	9610.67	28 50N	121 26E	84.9	187.3	2.511	-32.20	71.4	S0409	.04090	8.4767	0.6	F
9029	9613.67	28 50N	121 26E	83.7	187.3	2.733	-32.20	71.4	S0409	.04090	8.7469	0.6	V
9030	9695.07	22 40N	120 25E	83.3	187.0	2.872	-28.70	71.3	S0409	.05410	8.6334	1.0	F
9031	9701.07	22 40N	120 25E	83.0	186.9	3.090	-28.35	71.3	S0409	.05410	8.7406	1.0	A
9032	9759.07	18 20N	120 40E	78.7	186.8	3.090	14.00	71.0	S0409	.05410	9.3013	0.6	V
9033	9771.47	17 50N	120 22E	77.2	186.7	3.211	8.05	70.5	S0409	.05410	9.4745	1.0	V
9034	9942.27	5 49N	118 12E	81.6	186.4	3.439	4.55	63.2	S0409	.05410	8.9303	0.6	V
9035	9945.27	5 49N	118 12E	82.3	186.4	3.439	5.25	63.2	S0409	.05410	8.6664	0.6	A
9036	9979.27	3 29N	117 51E	84.7	186.4	3.211	7.35	61.5	S0409	.05410	8.4767	0.6	A
9037	9998.47	2 10N	117 30E	84.4	186.4	3.439	2.10	60.4	S0409	.05410	8.5097	0.4	A
9038	10041.67	1 15S	116 50E	85.7	186.4	3.439	-2.45	57.5	S0409	.05410	8.4025	1.2	F
9039	10047.87	1 45S	116 50E	86.1	186.4	3.439	-1.40	57.5	S0409	.05410	8.3283	1.2	A
1276 9001	14365.47	66 29N	112 26E	82.4	196.2	1.113	-24.50	45.9	S0409	.07190	8.7459	0.6	F
9002	14369.47	66 29N	112 25E	81.4	196.1	1.113	-24.50	45.9	S0409	.07190	8.9880	0.6	V
9003	14579.87	51 50N	107 54E	94.6	190.4	1.687	36.50	59.3	S0409	.05410	7.7593	0.8	V
9004	14583.27	51 50N	107 55E	96.2	190.4	1.687	36.85	59.3	S0409	.05410	7.5120	0.8	A
9005	14592.47	51 41N	106 28E	74.4	190.2	2.055	10.85	59.5	S0409	.07190	9.7466	0.6	A
9006	14596.67	50 40N	106 9E	73.5	190.2	2.385	7.35	60.0	S0409	.05410	9.6703	0.8	F
9007	14602.07	50 42N	106 9E	73.6	190.1	2.385	8.05	60.0	S0409	.05410	9.8456	0.8	A
1277 5001	19862.07	53 40N	83 58E	78.9	190.9	1.810	-24.15	57.1	S0130	.02260	9.1436	0.4	F
5002	19867.67	53 40N	83 59E	78.4	190.8	2.033	-23.45	57.1	S0130	.02260	9.2858	0.6	A
9001	19823.87	56 30N	85 1E	78.7	191.6	1.810	-24.50	54.8	S0409	.07190	9.3013	0.6	V
9002	19826.67	56 30N	85 1E	79.4	191.6	1.810	-24.15	54.8	S0409	.07190	9.1447	0.6	A
9003	19836.27	55 40N	84 54E	75.9	191.4	1.810	-19.25	55.5	S0409	.07190	9.8559	0.4	V
9004	19839.07	55 40N	84 54E	76.6	191.3	2.033	-19.25	55.6	S0409	.07190	9.4745	0.4	A
9005	19878.07	52 31N	85 7E	78.2	190.5	2.033	18.90	58.6	S0409	.07190	9.2931	1.0	F
9006	19883.67	52 31N	85 8E	78.6	190.5	2.033	19.95	58.6	S0409	.07190	9.2106	1.0	A
9007	20008.87	43 40N	81 42E	72.3	188.9	2.733	2.40	65.3	S0409	.05410	10.0352	0.6	F
9008	20014.07	43 40N	81 42E	72.4	188.8	2.511	3.85	65.3	S0409	.05410	10.0187	0.8	A
9009	20103.67	37 10N	79 56E	71.7	188.1	2.733	-1.05	69.2	S0409	.07190	10.1095	0.6	F
9010	20108.87	37 10N	79 56E	71.9	188.0	2.733	-0.35	69.2	S0409	.07190	10.1012	0.6	A
9011	20187.27	31 47N	78 34E	73.3	187.5	3.090	-6.65	71.3	S0409	.05410	9.8951	0.8	A
9012	20232.67	28 50N	77 16E	81.7	187.3	2.872	-29.75	71.5	S0409	.05410	8.9550	0.8	V
9013	20235.67	28 52N	77 16E	82.5	187.3	2.872	-29.40	71.5	S0409	.05410	8.7383	0.8	A
9014	20247.87	27 14N	78 1E	75.8	187.2	3.090	9.45	72.5	S0409	.05410	9.5735	1.0	F
9015	20263.47	27 11N	78 1E	76.2	187.2	3.090	10.50	72.5	S0409	.05410	9.4910	0.8	A
1278 5001	25167.66	53 37N	64 32E	99.2	190.9	2.033	39.90	57.9	S0130	.02260	7.3544	2.8	F
5002	25175.26	53 34N	64 33E	103.0	190.8	1.475	42.70	58.0	S0130	.01710	7.0246	2.6	A
5003	25201.06	52 50N	61 10E	79.6	190.4	2.033	-26.25	58.5	S0130	.02260	9.1691	2.8	A
9001	25112.86	58 30N	63 44E	77.2	192.1	1.810	-19.60	53.5	S0409	.07190	9.4003	0.6	A
9002	25133.86	56 10N	63 51E	73.6	191.6	2.033	2.80	55.3	S0409	.07190	9.8373	0.4	F
9003	25139.46	56 00N	63 57E	74.0	191.5	2.033	6.30	55.4	S0409	.07190	9.7879	0.4	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1278 9004	25153.26	55 17N	62 44E	75.4	191.2	2.033	-16.45	55.9	S0409	.07190	9.6229	0.4	A
9005	25246.06	45 14N	59 19E	75.9	189.1	2.385	-19.95	63.9	S0409	.07190	9.5240	1.4	F
9006	25301.46	45 14N	59 19E	75.4	189.1	2.385	-18.90	63.9	S0409	.07190	9.6312	1.4	A
9007	25398.06	38 0N	58 14E	73.3	188.2	2.872	-5.95	68.8	S0409	.04090	9.9115	1.6	F
9008	25404.06	36 2N	58 12E	73.3	188.1	2.733	6.30	68.8	S0409	.04090	9.8868	0.8	A
9009	25516.66	29 59N	55 55E	73.2	187.4	3.090	-13.65	71.6	S0409	.07190	9.8568	0.6	F
9010	25521.86	29 59N	55 54E	73.0	187.4	3.090	-12.95	71.6	S0409	.07190	9.9363	0.6	A
9011	25715.66	16 40N	53 4E	82.3	186.7	3.211	-23.80	69.4	S0409	.05410	8.8066	0.8	A
9012	26229.66	14 54S	47 31E	97.8	186.8	3.211	3.85	42.0	S0409	.07190	7.3983	0.4	V
9013	26233.26	15 04S	47 32E	99.5	186.8	3.211	4.90	42.1	S0409	.05410	7.1491	0.4	A
1279 5001	30446.26	55 50N	40 20E	82.4	191.5	1.475	-28.70	55.3	S0130	.02260	8.7478	1.0	F
9001	30135.06	76 14N	62 43E	82.9	208.4	0.776	19.60	56.4	S0409	.09670	8.8396	0.4	V
9002	30138.06	76 14N	62 42E	83.7	208.0	0.776	19.60	56.4	S0409	.09670	8.6499	0.4	A
9003	30183.66	73 41N	54 53E	77.4	203.1	0.986	-2.45	59.4	S0409	.07190	9.3343	1.0	F
9004	30184.26	73 41N	54 53E	77.2	202.6	0.986	-2.10	59.4	S0409	.07190	9.3756	1.0	A
9005	30408.86	58 26N	41 29E	81.3	192.3	1.475	-26.60	53.1	S0409	.07190	8.8726	0.6	F
9006	30411.46	58 26N	41 29E	80.3	192.3	1.475	-26.60	53.1	S0409	.07190	9.1199	0.6	V
9007	30417.66	57 52N	41 16E	80.9	192.1	1.475	-25.90	53.6	S0409	.07190	8.9138	0.6	F
9008	30423.46	57 52N	41 15E	80.6	192.0	1.647	-25.90	53.6	S0409	.07190	9.0127	0.6	A
9009	30429.06	57 5N	40 54E	79.9	191.9	1.687	-24.85	54.3	S0409	.07190	9.0292	0.8	F
9010	30435.06	56 59N	40 35E	83.6	191.7	1.475	-31.15	54.4	S0409	.07190	8.7403	0.6	V
9011	30438.06	56 59N	40 35E	84.3	191.7	1.687	-31.15	54.4	S0409	.07190	8.6169	0.6	A
9012	30457.26	55 53N	40 53E	73.6	191.4	2.033	-12.95	55.7	S0409	.07190	9.9618	0.4	V
9013	30459.86	55 53N	40 53E	74.3	191.3	2.033	-12.60	55.7	S0409	.07190	9.7631	0.4	A
9014	30495.86	52 56N	39 42E	74.3	190.6	2.033	-13.65	58.3	S0409	.07190	9.7501	0.4	F
9015	30498.46	52 51N	39 42E	73.3	190.5	2.033	-13.30	58.3	S0409	.07190	10.0023	0.4	V
9016	30501.06	52 51N	39 42E	74.0	190.5	2.033	-12.95	58.3	S0409	.07190	9.6043	0.6	A
9017	30508.06	51 49N	39 16E	75.4	190.4	2.033	-17.50	58.9	S0409	.07190	9.5817	1.2	F
9018	30513.46	51 49N	39 16E	75.2	190.3	2.033	-17.15	58.9	S0409	.07190	9.6359	1.2	A
9019	30531.06	50 43N	39 35E	72.5	190.0	2.385	-6.30	60.3	S0409	.07190	10.1177	0.6	V
9020	30554.86	48 44N	37 39E	84.7	189.7	1.819	-33.95	61.0	S0409	.05410	8.6334	1.0	V
9021	30558.06	48 44N	37 38E	85.8	189.7	2.033	-34.30	61.0	S0409	.05410	8.4767	0.8	A
9022	30571.06	47 46N	38 51E	75.1	189.5	2.511	12.60	62.7	S0409	.07190	9.6724	0.6	F
9023	30576.46	47 46N	38 51E	75.4	189.4	2.385	13.65	62.7	S0409	.07190	9.6147	0.8	A
9024	30613.06	44 50N	38 0E	73.9	189.0	2.511	11.90	64.7	S0409	.09670	9.9445	0.4	V
9025	30615.66	44 50N	38 0E	74.8	189.0	2.511	12.25	64.7	S0409	.07190	9.6807	0.4	A
9026	30740.66	35 58N	35 47E	76.5	187.9	2.872	15.05	70.2	S0409	.07190	9.5075	0.6	F
9027	30743.46	35 57N	35 47E	75.7	187.9	2.872	15.40	70.2	S0409	.07190	9.6889	0.6	V
9028	30748.66	35 56N	35 58E	81.1	187.9	2.511	23.45	70.5	S0409	.04090	8.9226	1.0	A
9029	30759.26	34 49N	35 42E	80.6	187.8	2.733	22.40	71.0	S0409	.04090	9.0292	1.0	F
9030	30764.06	33 53N	35 30E	77.8	187.7	2.733	19.25	71.1	S0409	.05410	9.4230	0.6	V
9031	30770.86	33 53N	35 30E	79.0	187.7	2.733	19.60	71.1	S0409	.05410	9.1529	0.8	A
9032	30777.86	33 1N	35 32E	83.5	187.7	2.733	26.60	71.6	S0409	.05410	8.7151	0.6	F
9033	30744.46	32 49N	34 58E	73.9	187.6	2.872	9.45	71.3	S0409	.07190	9.9268	0.6	V
9034	30747.26	32 49N	34 58E	74.9	187.6	2.872	9.80	71.3	S0409	.07190	9.6542	1.2	A
9035	30791.46	30 7N	34 55E	76.0	187.6	2.872	12.95	71.6	S0409	.07190	9.5570	0.8	F
9036	30797.46	30 0N	34 56E	76.5	187.6	2.872	14.00	71.6	S0409	.05410	9.4500	0.8	A
9037	30801.06	31 52N	34 49E	75.9	187.5	2.872	12.25	71.7	S0409	.04090	9.5405	0.8	V
9038	30805.46	31 51N	34 48E	77.5	187.5	2.872	16.10	71.9	S0409	.05410	9.3858	1.0	F
9039	30811.06	31 51N	34 48E	78.1	187.5	2.872	17.15	72.0	S0409	.05410	9.2601	0.8	A
9040	30818.46	30 46N	34 54E	82.4	187.4	2.733	25.55	72.3	S0409	.05410	8.8973	0.4	V
9041	30821.46	30 46N	34 55E	83.8	187.4	2.511	26.25	72.4	S0409	.05410	8.6199	0.4	A
9042	30849.66	28 49N	33 13E	78.0	187.3	2.872	-21.70	71.7	S0409	.05410	9.2436	0.8	F
9043	30856.06	28 9N	33 10E	76.3	187.3	3.090	-17.50	71.8	S0409	.05410	9.5975	0.6	A
9044	30910.46	23 59N	32 50E	74.7	187.0	3.211	-4.20	72.1	S0409	.04090	9.6372	0.8	F
9045	30915.86	23 59N	32 50E	74.7	187.0	3.211	-3.15	72.1	S0409	.04090	9.6307	0.6	A
9046	31672.26	29 42S	23 27E	105.8	187.3	3.090	-0.70	53.2	S0409	.07190	6.7368	1.0	F
9047	31676.26	29 41S	23 32E	105.2	187.3	3.090	-3.10	53.2	S0409	.07190	6.8440	1.0	V
9048	31700.26	29 59S	22 47E	108.7	187.4	3.211	-10.85	51.8	S0409	.07190	6.5224	1.2	A
9049	31734.46	32 16S	22 41E	110.5	187.6	2.872	2.10	29.5	S0409	.07190	6.3986	1.2	A
9050	31754.06	33 34S	22 12E	109.9	187.7	2.872	-3.50	28.2	S0409	.07190	6.5307	1.0	V
9051	31759.66	33 59S	22 23E	111.0	187.7	2.733	3.50	27.9	S0409	.07190	6.4647	0.8	V
9052	31766.46	34 8S	22 9E	112.2	187.8	2.872	-1.05	27.7	S0409	.07190	6.2946	1.2	A
1280 5001	36545.26	1 44N	7 26E	94.8	186.4	2.733	24.50	60.4	S0130	.02260	7.5441	3.0	A
9001	35773.26	54 38N	18 48E	72.2	191.1	2.033	-2.10	56.6	S0409	.09670	10.1672	0.4	V
9002	35775.86	54 38N	18 48E	73.0	191.0	2.033	-1.75	56.6	S0409	.09670	9.9445	0.6	A
9003	35826.06	50 52N	17 25E	72.5	190.2	2.385	-2.45	59.7	S0409	.07190	9.9354	0.6	F
9004	35831.26	50 52N	17 24E	72.5	190.1	2.385	-2.10	59.7	S0409	.07190	10.0105	0.6	A
9005	35837.86	50 7N	16 29E	77.0	190.0	2.170	-22.05	60.1	S0409	.07190	9.3756	0.6	F
9006	35843.46	50 7N	16 28E	76.7	190.1	2.170	-21.70	60.1	S0409	.07190	9.4580	0.4	A
9007	35860.06	48 38N	17 23E	76.7	189.7	2.170	18.90	61.7	S0409	.07190	9.5725	0.4	V
9008	35862.86	48 53N	17 23E	77.8	189.7	2.170	19.25	61.7	S0409	.07190	9.3178	0.4	A
9009	35874.86	47 59N	16 54E	74.7	189.5	2.385	14.35	62.4	S0409	.07190	9.8208	0.6	V
9010	35877.66	47 59N	16 54E	75.7	189.5	2.385	14.70	62.5	S0409	.07190	9.5692	0.6	A
9011	35894.26	46 14N	15 17E	77.4	189.3	2.170	-23.10	63.0	S0409	.07190	9.3261	0.4	F
9012	35897.06	46 14N	15 17E	76.3	189.3	2.170	-22.75	63.1	S0409	.07190	9.6064	0.4	V
9013	35904.46	45 42N	15 39E	71.1	189.2	2.511	-6.30	63.7	S0409	.07190	10.3156	0.4	V
9014	35907.06	45 42N	15 39E	71.9	189.2	2.511	-5.95	63.7	S0409	.07190	10.0847	0.4	A
9015	35916.66	44 48N	15 52E	72.8	189.0	2.511	9.10	64.5	S0409	.07190	10.0847	0.4	V
9016	35919.26	44 48N	15 52E	73.7	189.0	2.511	9.45	64.5	S0409	.07190	9.8291	0.4	A
9017	35931.66	43 43N	15 52E	76.8	188.9	2.385	18.90	65.4	S0409	.07190	9.5570	0.4	V
9018	35934.46	43 43N	15 52E	77.9	188.9	2.385	19.25	65.4	S0409	.07190	9.2449	0.4	A

Handle via
BYEMAN Channels
BYE-8915/84

Approved for Release: 2021/01/22 C05132886

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY LAT DG MIN	LONG DG MIN	FRAME START SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1280 9019	36089.26	32 55N	13 11E	78.4	187.6	2.733	19.95	71.5	S0409	.0541U	9.3591	0.8	V
9020	36092.26	32 54N	13 10E	79.5	187.6	2.733	20.30	71.5	S0409	.0541U	9.0787	0.8	A
9021	36096.26	32 26N	13 5E	78.6	187.6	2.733	20.30	71.6	S0409	.0541U	9.3343	0.4	V
9022	36099.06	32 26N	13 5E	79.7	187.6	2.733	20.65	71.6	S0409	.0541U	9.0622	0.4	A
1281 9001	41659.46	14 55N	12 28W	85.8	186.6	2.872	21.70	69.5	S0409	.0541U	8.3778	1.2	A
9002	41730.66	9 56N	13 36W	83.5	186.5	3.211	13.30	66.1	S0409	.0409U	8.6329	1.0	F
9003	41736.66	9 37N	13 36W	84.2	186.5	3.090	14.35	66.1	S0409	.0409U	8.5345	1.0	A
1283 9001	52739.85	17 47S	63 10W	97.4	186.7	3.439	-8.75	42.9	S0409	.0719U	7.3470	1.0	F
9002	52747.05	17 47S	63 10W	97.8	186.7	3.439	-7.70	42.9	S0409	.0541U	7.2893	0.4	A
9003	52755.65	18 44S	62 18W	109.9	186.8	2.511	25.20	42.5	S0409	.0541U	6.5402	0.8	V
9004	52762.65	19 20S	62 49W	102.3	186.8	3.090	12.95	41.7	S0409	.0541U	7.0090	0.8	F
9005	52769.05	19 40S	63 5W	99.8	186.8	3.211	6.30	41.3	S0409	.0541U	7.1921	0.8	F
9006	52774.45	20 2S	63 31W	96.5	186.8	3.439	-5.60	40.9	S0409	.0719U	7.4872	0.6	V
9007	52779.25	19 59S	63 32W	99.1	186.8	3.439	-5.95	40.9	S0409	.0719U	7.1904	0.8	A
9008	52784.45	20 21S	63 24W	99.9	186.8	3.211	2.80	40.2	S0409	.0719U	7.1656	1.0	F
9009	52789.25	21 15S	63 30W	100.2	186.9	3.211	1.75	39.9	S0409	.0719U	7.1409	0.6	F
9010	52797.05	21 15S	63 24W	101.5	186.9	3.090	5.95	39.9	S0409	.0541U	6.9925	1.0	A
9011	52805.45	21 40S	63 18W	104.6	186.9	2.872	12.61	39.5	S0409	.0541U	6.7781	0.8	A
9012	52925.05	30 19S	66 15W	115.0	187.4	3.090	-23.80	31.0	S0409	.0541U	6.1761	0.6	F
9013	52933.45	30 19S	66 16W	115.0	187.5	3.211	-23.10	31.0	S0409	.0541U	6.1761	0.6	A
1284 9001	57420.65	25 0N	77 27W	74.4	187.1	3.211	-3.15	72.2	S0409	.0719U	9.7466	1.0	F
9002	57470.65	21 56N	77 53W	76.5	186.9	3.211	7.00	71.8	S0409	.0541U	9.4828	0.6	F
9003	57476.05	21 56N	77 53W	77.0	186.9	3.090	8.40	71.9	S0409	.0541U	9.3358	1.0	A
9004	57478.65	21 26N	77 55W	77.1	186.9	3.090	8.40	71.8	S0409	.0541U	9.3796	1.0	A
1285 9001	62687.25	27 05N	99 44W	82.7	187.2	2.733	-29.40	71.5	S0409	.0541U	8.7241	1.0	F
9002	62695.25	27 20N	99 34W	77.9	187.2	3.090	-21.35	71.7	S0409	.0541U	9.3261	1.0	A
9003	62704.65	26 04N	99 8W	73.6	187.2	3.090	2.80	72.3	S0409	.0719U	9.9610	1.2	V
1290 9001	2454.43	52 56N	157 31E	74.7	190.7	2.170	9.45	58.1	S0409	.0719U	9.7136	0.6	F
9002	2459.83	52 56N	157 31E	74.8	190.6	2.170	10.15	58.1	S0409	.0719U	9.6889	0.6	A
9003	2469.43	50 47N	156 13E	72.0	190.2	2.385	-5.25	59.7	S0409	.0967U	10.1937	0.4	V
9004	2492.03	50 47N	156 13E	72.9	190.1	2.385	-4.90	59.7	S0409	.0967U	9.9693	0.4	A
9005	3289.83	4 11S	143 32E	109.0	186.4	3.090	-39.90	54.4	S0409	.0409U	8.6709	0.6	V
1291 9001	7827.03	48 45N	132 59E	75.8	189.8	2.170	-18.55	61.2	S0409	.0719U	9.5422	0.6	F
9002	7829.83	48 45N	132 58E	74.7	189.7	2.170	-18.20	61.2	S0409	.0719U	9.8126	0.6	V
9003	7889.23	44 55N	132 51E	75.9	189.0	2.511	16.80	64.7	S0409	.0719U	9.6724	0.6	V
9004	7892.03	44 55N	132 51E	76.9	189.0	2.511	17.15	64.7	S0409	.0719U	9.4169	0.6	A
9005	7902.63	43 27N	132 29E	76.0	188.9	2.733	14.70	65.5	S0409	.0541U	9.5570	0.4	F
9006	7905.23	43 20N	132 28E	75.1	188.8	2.511	15.05	65.5	S0409	.0541U	9.7714	0.6	V
9007	7909.83	42 57N	132 24E	76.8	188.8	2.733	16.45	65.9	S0409	.0719U	9.4663	1.6	F
9008	7913.63	42 50N	132 22E	75.9	188.8	2.511	16.80	65.9	S0409	.0719U	9.6724	0.6	V
9009	8134.83	27 02N	128 54E	80.6	187.2	2.733	20.65	72.6	S0409	.0541U	8.9550	0.6	A
9010	8154.03	26 45N	127 40E	76.2	187.2	3.090	-16.45	71.9	S0409	.0541U	9.4910	1.4	F
1292 5001	13004.43	51 47N	113 4E	77.8	190.4	2.385	19.55	59.4	S0130	.0226U	9.3332	0.4	F
5002	13100.03	51 47N	113 3E	78.1	190.3	2.170	19.25	59.4	S0130	.0226U	9.2920	0.4	A
5003	13101.43	51 42N	113 1E	78.0	190.3	2.170	19.25	59.5	S0130	.0226U	9.3085	0.6	A
5004	13406.23	30 8N	106 45E	73.2	187.4	3.090	0.35	71.8	S0130	.0226U	9.8939	0.4	F
5005	13411.43	30 9N	106 45E	73.4	187.4	3.090	1.40	71.8	S0130	.0226U	9.8609	0.6	A
5006	13463.03	26 14N	105 49E	73.4	187.2	3.211	-5.25	72.1	S0130	.0226U	9.8527	0.6	F
5007	13468.43	26 14N	105 49E	73.5	187.1	3.211	-4.20	72.1	S0130	.0226U	9.8527	0.6	A
5008	13521.43	22 8N	105 33E	79.7	186.9	3.090	16.45	72.2	S0130	.0226U	9.1106	0.4	F
5009	13527.23	22 8N	105 33E	80.5	186.9	2.872	17.85	72.2	S0130	.0226U	8.9705	0.4	A
5010	13536.23	21 5N	105 31E	83.9	186.9	2.872	22.75	72.1	S0130	.0226U	8.6654	0.6	F
5011	13542.43	21 5N	105 31E	84.8	186.9	2.733	23.80	72.1	S0130	.0226U	8.4922	0.4	A
5012	13645.83	13 39N	105 11E	80.3	186.6	3.439	-17.15	68.0	S0130	.0226U	8.9785	0.6	F
5013	13648.83	13 38N	105 10E	79.4	186.6	3.439	-16.80	68.0	S0130	.0226U	9.2013	0.6	V
5014	13651.63	13 39N	105 10E	80.4	186.6	3.439	-16.45	68.0	S0130	.0226U	9.0034	0.6	A
9001	13073.03	52 54N	114 39E	78.4	190.7	2.170	19.60	58.2	S0409	.0719U	9.2766	1.0	F
9002	13079.83	52 53N	114 38E	78.6	190.6	2.033	20.30	58.2	S0409	.0719U	9.2106	0.8	A
9003	13094.43	51 47N	114 3E	77.8	190.4	2.385	19.55	59.4	S0409	.0719U	9.3343	0.4	F
9004	13100.03	51 47N	114 3E	78.0	190.3	2.170	19.25	59.4	S0409	.0719U	9.2951	0.4	A
9005	13101.23	51 42N	114 1E	78.0	190.3	2.170	19.25	59.4	S0409	.0719U	9.3096	0.6	A
9006	13254.63	40 40N	104 25E	72.1	188.3	2.733	8.75	67.2	S0409	.0719U	10.1754	0.6	V
9007	13364.23	33 10N	107 16E	71.9	187.7	2.872	-4.90	70.8	S0409	.0719U	10.2002	0.4	V
9008	13366.83	33 14N	107 16E	72.7	187.6	3.090	-4.90	70.8	S0409	.0719U	9.9693	0.4	A
9009	13406.23	30 8N	106 45E	73.3	187.4	3.090	0.35	71.8	S0409	.0719U	9.8951	0.4	F
9010	13411.43	30 8N	106 45E	73.4	187.4	3.090	1.40	71.8	S0409	.0719U	9.8621	0.4	A
9011	13463.03	26 14N	105 49E	73.5	187.2	3.211	-5.25	72.1	S0409	.0719U	9.8538	0.6	F
9012	13468.23	26 14N	105 49E	73.5	187.1	3.211	-4.20	72.1	S0409	.0719U	9.8538	0.6	A
9013	13521.43	22 8N	105 33E	79.7	186.9	3.090	16.45	72.2	S0409	.0541U	9.1117	0.4	F
9014	13527.03	22 8N	105 33E	80.4	186.9	2.872	17.45	72.2	S0409	.0541U	8.9715	0.6	A
9015	13536.23	21 5N	105 31E	83.9	186.9	2.872	22.75	72.1	S0409	.0541U	8.6664	0.8	F
9016	13542.23	21 5N	105 31E	84.7	186.9	2.733	23.80	72.1	S0409	.0541U	8.4932	1.0	A
9017	13566.43	19 1N	105 3E	82.7	186.8	3.090	19.60	71.3	S0409	.0409U	8.7818	0.6	F

Handle via
BYEMAN Channels
BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1292 9018	13569.43	19 0N	105 3E	82.1	186.8	2.872	20.30	71.3	S0409	.04690	8.9220	0.6	V
9019	13645.83	13 36N	103 10E	80.4	186.6	3.439	-17.15	68.0	S0409	.05410	8.9715	0.6	F
9020	13648.63	13 39N	103 10E	79.4	186.6	3.439	-16.80	68.0	S0409	.05410	9.2024	0.6	V
9021	13651.63	13 36N	103 10E	80.3	186.6	3.439	-16.45	68.0	S0409	.05410	9.0045	0.6	A
9022	13690.83	10 36N	103 32E	85.8	186.5	3.090	20.30	66.9	S0409	.05410	8.5097	0.6	V
9023	13694.03	10 36N	103 32E	87.2	186.5	2.872	21.00	66.9	S0409	.05410	8.2376	0.4	A
1293 9001	18327.82	56 33N	92 58E	78.1	191.7	2.033	17.15	55.0	S0409	.07190	9.3013	0.6	F
9002	18330.62	56 33N	92 58E	77.2	191.7	2.033	17.50	55.0	S0409	.07190	9.4992	0.6	V
9003	18334.02	56 7N	92 53E	79.3	191.6	2.033	19.60	55.4	S0409	.05410	9.1569	1.6	F
9004	18339.82	56 6N	92 54E	79.9	191.5	1.810	21.00	55.4	S0409	.05410	9.0705	1.4	A
9005	18368.62	53 30N	91 26E	74.3	190.9	2.170	7.70	57.3	S0409	.07190	9.7714	1.6	F
9006	18372.82	53 44N	91 25E	73.6	190.9	2.170	8.75	57.4	S0409	.07190	9.9693	0.8	V
9007	18510.22	44 12N	88 0E	72.1	189.0	2.733	0.00	64.8	S0409	.05410	10.0500	1.0	F
9008	18515.42	44 12N	88 0E	72.1	188.9	2.511	1.05	64.8	S0409	.05410	10.0500	1.0	A
9009	18521.82	43 47N	87 34E	72.4	188.9	2.511	-10.15	64.9	S0409	.07190	10.0270	0.6	A
9010	18526.42	43 29N	87 24E	73.6	188.8	2.511	-12.95	65.1	S0409	.07190	9.8621	0.6	A
9011	18536.82	42 30N	87 25E	71.6	188.7	2.733	-3.15	66.0	S0409	.05410	10.1259	1.0	F
9012	18542.02	42 30N	87 25E	71.6	188.7	2.733	-2.45	66.0	S0409	.05410	10.1342	1.0	A
9013	18559.82	40 47N	87 14E	72.8	188.5	2.733	5.25	67.1	S0409	.07190	9.9693	0.4	F
9014	18562.42	40 47N	87 14E	72.8	188.5	2.733	5.60	67.1	S0409	.07190	10.2002	0.4	V
9015	19054.22	6 57N	79 51E	82.9	186.5	3.439	-17.50	63.7	S0409	.05410	8.7983	0.4	V
9016	19057.22	6 57N	79 51E	83.8	186.5	3.439	-16.80	63.7	S0409	.05410	8.6169	0.4	A
1294 5001	23473.22	54 42N	68 17E	78.3	191.0	1.810	-24.15	56.5	S0130	.02260	9.3540	3.2	V
5002	23692.22	52 24N	70 7E	94.4	190.7	2.033	-66.75	58.6	S0130	.02260	7.7255	2.4	F
5003	23699.42	52 24N	70 11E	97.0	190.5	1.810	-38.85	58.7	S0130	.02260	7.4534	2.6	A
9001	23576.22	60 45N	71 27E	76.6	193.2	1.687	-15.40	51.1	S0409	.07190	9.4353	0.4	F
9002	23581.62	60 45N	71 28E	76.2	193.1	1.687	-14.70	51.1	S0409	.07190	9.5157	1.0	A
9003	23661.42	54 24N	69 17E	73.4	191.2	2.033	-4.55	56.3	S0409	.07190	9.8621	0.4	F
9004	23664.02	54 24N	69 17E	72.5	191.2	2.033	-4.20	56.3	S0409	.07190	10.1177	0.4	V
9005	23666.62	54 24N	69 17E	73.3	191.1	2.033	-3.85	56.3	S0409	.07190	9.9063	0.6	A
9006	23762.82	47 33N	67 37E	78.1	189.6	2.385	19.25	62.2	S0409	.05410	9.3096	0.6	F
9007	23765.62	47 33N	67 37E	77.4	189.6	2.385	19.60	62.2	S0409	.05410	9.4410	0.8	V
9008	23769.62	47 32N	67 36E	78.2	189.5	2.385	19.60	62.2	S0409	.05410	9.2519	0.6	A
9009	23812.22	44 30N	66 16E	74.0	189.0	2.511	9.45	64.6	S0409	.05410	9.8126	1.2	F
9010	23817.42	44 24N	66 15E	74.1	189.0	2.511	9.80	64.6	S0409	.05410	9.7879	1.4	A
9011	23893.62	39 50N	64 32E	72.6	188.3	2.872	0.70	68.1	S0409	.05410	9.9940	0.8	F
9012	23898.82	39 50N	64 32E	72.6	188.2	2.733	1.40	68.1	S0409	.05410	9.9775	0.8	A
9013	23978.62	33 26N	62 16E	83.5	187.7	2.511	-33.25	70.1	S0409	.04090	8.7554	1.0	V
9014	23981.82	33 25N	62 16E	84.3	187.7	2.733	-33.25	70.1	S0409	.04090	8.6252	0.8	A
9015	24530.62	4 36S	55 28E	94.7	186.4	3.439	-26.25	54.3	S0409	.05410	7.6769	0.6	V
9016	24534.02	4 36S	55 27E	95.8	186.4	3.439	-25.90	54.4	S0409	.05410	7.5120	0.6	A
1295 5001	28903.82	59 15N	49 26E	74.3	192.6	1.810	3.50	52.5	S0130	.03150	9.7620	0.6	F
5002	28909.22	59 14N	49 26E	74.4	192.5	1.810	4.20	52.6	S0130	.03150	9.7702	0.6	A
5003	28966.22	56 6N	47 32E	73.7	191.3	2.033	-7.35	55.2	S0130	.03150	9.8444	1.0	A
5004	29007.02	52 6N	47 10E	81.1	190.5	2.170	23.45	58.8	S0130	.02260	8.9787	0.6	F
5005	29011.02	52 4N	47 9E	80.4	190.5	2.170	23.80	58.9	S0130	.02260	9.1456	0.4	V
5006	29019.22	51 25N	46 4E	73.0	190.3	2.385	1.05	59.2	S0130	.02260	9.9351	0.6	F
5007	29024.42	51 26N	46 4E	73.1	190.3	2.385	1.75	59.2	S0130	.02260	9.9434	0.8	A
5008	29064.22	48 36N	44 29E	74.6	189.7	2.170	-17.85	61.3	S0130	.02260	9.8197	1.0	V
9001	28768.02	68 33N	56 33E	79.3	197.7	1.332	14.70	44.0	S0409	.07190	9.1282	0.6	A
9002	28903.42	59 14N	49 26E	74.3	192.6	1.810	3.50	52.5	S0409	.07190	9.7561	1.4	F
9003	28909.02	59 13N	49 27E	74.4	192.5	1.810	4.20	52.5	S0409	.07190	9.7714	0.8	A
9004	28914.22	58 40N	49 28E	76.2	192.4	1.810	14.70	53.1	S0409	.07190	9.6512	0.6	V
9005	28917.02	58 40N	49 28E	77.2	192.3	1.810	15.05	53.1	S0409	.07190	9.5920	0.6	A
9006	28943.22	56 33N	48 5E	73.6	191.7	2.033	0.70	54.9	S0409	.07190	9.8573	0.6	F
9007	28948.62	56 33N	48 4E	73.6	191.6	2.033	1.05	54.9	S0409	.07190	9.8568	0.6	A
9008	28956.22	56 6N	47 32E	73.7	191.5	2.033	-7.35	55.2	S0409	.07190	9.8456	1.0	A
9009	28999.02	53 39N	46 51E	72.2	190.8	2.170	0.35	57.4	S0409	.07190	10.1589	0.6	V
9010	28991.82	53 39N	46 51E	73.0	190.8	2.170	0.70	57.4	S0409	.07190	9.9260	0.4	A
9011	29009.82	52 0N	47 11E	80.4	190.5	2.170	23.80	58.8	S0409	.07190	9.1447	2.0	V
9012	29019.22	51 25N	46 4E	73.1	190.3	2.385	1.05	59.2	S0409	.07190	9.9363	0.6	F
9013	29024.42	51 25N	46 4E	73.0	190.3	2.385	1.75	59.2	S0409	.07190	9.9445	0.8	A
9014	29055.22	49 1N	44 35E	75.9	189.8	2.170	-18.90	60.9	S0409	.07190	9.5075	0.8	F
9015	29060.62	49 2N	44 35E	75.6	189.7	2.385	-18.55	60.9	S0409	.07190	9.6064	0.8	A
9016	29064.22	48 36N	44 29E	74.6	189.7	2.170	-17.85	61.3	S0409	.07190	9.8208	1.0	V
9017	29084.42	46 30N	44 5AE	75.2	189.4	2.511	12.60	62.9	S0409	.07190	9.6559	1.0	F
9018	29089.82	46 30N	44 5AE	75.4	189.4	2.385	13.30	62.9	S0409	.07190	9.6064	1.0	A
9019	29135.22	43 30N	43 29E	72.1	188.9	2.733	-3.50	65.2	S0409	.07190	10.0517	0.6	F
9020	29140.42	43 30N	43 29E	72.1	188.8	2.733	-2.45	65.2	S0409	.07190	10.0682	0.8	A
9021	29157.62	42 12N	42 30E	77.0	188.6	2.385	-23.80	65.8	S0409	.04090	9.5240	0.6	V
9022	29160.42	42 12N	42 30E	77.7	188.6	2.385	-23.45	65.8	S0409	.04090	9.3308	0.6	A
9023	29178.82	40 47N	43 51E	87.5	188.5	2.170	32.55	67.5	S0409	.04090	8.2541	0.8	A
9024	29237.22	36 49N	42 5E	74.0	186.0	2.872	8.40	69.4	S0409	.07190	9.7879	0.6	A
9025	29297.62	33 3N	40 17E	80.3	187.7	2.733	-27.65	70.4	S0409	.05410	8.9797	1.0	F
9026	29672.42	6 36N	35 32E	84.8	186.5	3.574	-21.00	63.6	S0409	.05410	8.5097	1.0	A
9027	29687.02	5 36N	35 49E	81.9	186.4	3.439	-1.75	63.2	S0409	.05410	8.7983	1.0	A
9028	29763.62	0 30N	35 17E	87.8	186.4	3.090	14.00	59.3	S0409	.05410	8.1551	1.0	A
9029	29806.62	2 24S	34 51E	91.2	186.4	3.090	16.10	56.9	S0409	.05410	7.8536	1.2	A
9030	30127.82	24 34S	31 1E	108.3	187.0	2.733	17.15	37.1	S0409	.05410	6.6461	1.0	V
9031	30142.02	25 39S	29 28E	109.6	187.1	3.211	-22.75	35.5	S0409	.05410	6.4895	1.0	F

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1295 9032	30146.82	25 59S	29 36E	106.4	187.1	3.211	-16.80	35.2	S0409	.05410	6.6356	0.8	F
9033	30151.62	25 46S	29 29E	108.9	187.1	3.439	-20.65	35.4	S0409	.05410	6.5472	1.0	A
9034	30156.82	26 22S	29 11E	111.3	187.2	3.211	-25.55	34.7	S0409	.05410	6.4750	1.0	V
9035	30162.42	26 27S	29 6E	114.1	187.2	3.439	-26.95	34.6	S0409	.05410	6.2503	1.0	A
9036	30197.82	29 0S	29 54E	109.5	187.3	2.733	10.50	32.8	S0409	.05410	6.4482	1.2	A
9037	30209.42	29 41S	28 47E	110.0	187.4	3.211	-16.80	31.8	S0409	.07190	6.4482	1.2	A
1296 9001	34044.22	69 14N	33 24E	76.4	198.2	1.113	-10.85	43.3	S0409	.07190	9.5735	0.6	V
9002	34047.02	69 14N	33 23E	77.2	198.1	1.113	-10.85	43.3	S0409	.07190	9.5756	0.6	A
9003	34078.42	68 0N	33 55E	77.5	197.5	1.332	13.30	44.4	S0409	.07190	9.4498	0.6	V
9004	34081.22	68 0N	33 56E	76.5	197.3	1.332	13.85	44.4	S0409	.07190	9.2189	0.6	A
9005	34089.62	67 59N	32 29E	74.8	196.9	1.332	-0.35	45.0	S0409	.07190	9.7479	0.6	V
9006	34092.42	67 59N	32 30E	75.7	196.8	1.332	0.00	45.0	S0409	.07190	9.5735	0.6	A
9007	34186.82	60 49N	28 46E	78.9	193.3	1.810	17.50	51.3	S0409	.07190	9.2024	0.6	F
9008	34189.62	60 49N	28 47E	79.1	193.2	1.810	17.85	51.3	S0409	.07190	9.4003	0.6	V
9009	34193.82	60 49N	28 46E	80.3	193.0	1.687	20.65	51.5	S0409	.07190	9.8127	0.6	A
9010	34206.62	59 25N	27 46E	76.1	192.7	2.033	11.20	52.4	S0409	.07190	9.5240	0.6	F
9011	34209.42	59 25N	27 46E	75.2	192.7	1.810	11.55	52.4	S0409	.07190	9.7549	0.6	V
9012	34222.22	58 26N	26 47E	73.9	192.3	2.033	0.00	53.2	S0409	.07190	9.8043	0.6	F
9013	34225.02	58 26N	26 46E	73.0	192.3	2.033	0.00	53.2	S0409	.07190	10.0517	0.6	V
9014	34227.82	58 26N	26 45E	73.7	192.2	2.033	-0.35	53.2	S0409	.07190	9.8291	0.6	A
9015	34239.22	57 14N	26 34E	74.8	192.0	2.033	8.05	54.3	S0409	.07190	9.6372	0.6	F
9016	34242.02	57 14N	26 34E	73.9	191.9	2.033	8.40	54.3	S0409	.07190	9.9198	0.6	V
9017	34248.82	56 48N	26 4E	72.8	191.7	2.033	1.05	54.7	S0409	.07190	10.0765	0.6	V
9018	34251.62	56 48N	26 4E	73.6	191.7	2.033	1.40	54.7	S0409	.07190	9.8558	0.4	A
9019	34263.22	55 56N	26 29E	79.6	191.4	2.033	20.65	55.6	S0409	.07190	9.0369	1.0	A
9020	34288.22	53 34N	25 16E	75.2	191.0	2.170	11.20	57.2	S0409	.07190	9.6559	0.4	F
9021	34293.02	53 34N	24 46E	73.2	190.9	2.170	1.05	57.4	S0409	.07190	9.9053	0.6	F
9022	34298.42	53 34N	24 46E	73.1	190.8	2.170	1.75	57.4	S0409	.07190	9.9115	0.6	A
9023	34303.22	53 49N	24 23E	73.1	190.7	2.170	-5.95	57.6	S0409	.07190	9.9288	0.6	A
9024	34310.22	53 34N	24 53E	75.7	190.6	2.170	15.40	58.4	S0409	.07190	9.7094	0.6	V
9025	34313.02	53 34N	24 53E	76.7	190.5	2.170	15.75	58.4	S0409	.07190	9.4498	0.6	A
9026	34347.42	50 5N	23 38E	72.4	190.0	2.385	5.25	60.3	S0409	.07190	10.1342	0.6	V
9027	34350.22	50 4N	23 38E	73.2	190.0	2.385	5.60	60.3	S0409	.07190	9.8951	0.6	A
9028	34374.22	48 16N	22 39E	72.0	189.6	2.385	-7.00	61.6	S0409	.07190	10.1319	0.4	V
9029	34376.82	48 16N	22 39E	72.8	189.6	2.385	-6.65	61.6	S0409	.07190	9.9593	0.6	A
9030	34413.82	45 41N	21 37E	73.4	189.2	2.385	-15.05	63.5	S0409	.07190	9.9940	0.6	V
9031	34415.62	45 40N	21 36E	74.1	189.1	2.385	-14.70	63.5	S0409	.07190	9.7961	0.4	A
9032	34422.62	44 47N	21 45E	72.2	189.1	2.511	-2.80	64.3	S0409	.07190	10.0352	0.4	F
9033	34428.82	44 26N	21 25E	73.0	189.0	2.511	-10.15	64.5	S0409	.07190	9.9115	0.4	F
9034	34431.42	44 26N	21 25E	72.1	189.0	2.511	-9.80	64.5	S0409	.07190	10.1572	0.4	V
9035	34435.02	43 57N	21 23E	72.7	188.9	2.511	-7.35	64.8	S0409	.07190	9.9610	0.6	F
9036	34440.22	43 57N	21 23E	72.5	188.9	2.511	-6.65	64.8	S0409	.07190	10.0023	0.6	A
9037	34445.22	43 36N	21 22E	72.3	188.8	2.511	-3.50	65.1	S0409	.07190	10.0270	0.6	A
9038	34475.62	41 9N	20 49E	72.1	188.5	2.733	-1.05	66.8	S0409	.07190	10.0517	0.4	F
9039	34478.22	41 9N	20 49E	71.3	188.5	2.733	-0.70	66.8	S0409	.07190	10.2909	0.4	V
9040	34483.02	40 57N	20 47E	72.4	188.5	2.733	2.80	67.2	S0409	.07190	10.0270	0.6	F
9041	34488.22	40 57N	20 47E	72.4	188.4	2.733	3.50	67.2	S0409	.07190	10.0023	0.6	A
9042	34896.02	12 6N	15 3E	80.4	186.6	3.211	8.05	67.6	S0409	.05410	9.0127	0.8	F
9043	34899.02	12 6N	15 3E	79.7	186.6	3.211	8.40	67.6	S0409	.05410	9.1694	0.8	V
1297 9001	39666.21	49 6N	1 32E	75.2	189.8	2.385	14.70	61.2	S0409	.07190	9.7651	0.6	V
9002	39669.01	49 6N	1 31E	76.1	189.8	2.170	15.05	61.2	S0409	.07190	9.5240	0.6	A
9003	39727.21	44 56N	0 41W	74.1	189.1	2.385	-14.35	64.1	S0409	.07190	9.7714	0.6	F
9004	39733.61	44 56N	0 41W	73.8	189.0	2.511	-13.65	64.1	S0409	.07190	9.8373	0.6	A
9005	39763.21	43 15N	0 16W	75.0	188.8	2.511	14.70	65.6	S0409	.05410	9.7879	0.6	V
9006	39765.01	43 15N	0 16W	76.0	188.8	2.511	15.05	65.6	S0409	.05410	9.5240	0.6	A
1298 9001	44736.61	65 17N	13 58W	75.7	195.3	1.475	-9.80	47.0	S0409	.07190	9.5652	0.6	A
1299 9001	50910.41	5 16N	52 46W	81.8	186.4	3.439	-5.25	62.7	S0409	.05410	8.8148	1.2	F
9002	50916.41	5 16N	52 46W	82.1	186.4	3.574	-4.20	62.7	S0409	.05410	8.7736	1.0	A
9003	51482.61	33 57S	59 12W	117.9	187.7	2.511	17.85	28.3	S0409	.05410	6.0524	0.6	F
9004	51486.81	33 57S	59 12W	117.1	187.7	2.511	18.20	28.3	S0409	.07190	6.1349	0.8	V
1300 9001	54900.00	81 7N	64 28E	84.4	315.0	-0.416	-0.35	19.1	S0409	.09670	8.5262	1.0	F
9002	54904.00	81 7N	64 29E	84.2	313.1	-0.275	-0.35	19.1	S0409	.09670	8.5674	1.0	A
9003	56354.80	4 11S	75 56W	93.8	186.4	3.090	17.50	55.5	S0409	.05410	7.6192	1.0	A
9004	56463.80	12 1S	77 8W	101.3	186.5	2.872	20.65	48.6	S0409	.07190	7.1152	0.8	F
9005	56471.20	12 1S	77 8W	102.6	186.6	2.733	21.70	48.7	S0409	.07190	6.9347	0.8	A
1301 5001	61035.80	38 47N	90 22W	74.4	188.2	2.733	-3.15	68.1	S0130	.02260	10.0341	0.4	A
9001	61035.80	39 46N	90 22W	72.4	188.2	2.733	-3.15	68.2	S0409	.07190	10.0352	0.4	A
1302 9001	66489.80	28 2N	114 4W	83.2	187.3	2.733	25.55	72.7	S0409	.05410	8.8366	1.0	V
9002	66498.40	27 42N	114 50W	74.1	187.2	3.090	0.00	72.1	S0409	.07190	9.7714	0.8	A
1307 9001	6268.78	53 1N	141 14E	73.1	190.7	2.170	-2.45	57.8	S0409	.05410	9.9115	0.4	F
9002	6271.38	53 1N	141 14E	72.2	190.7	2.170	-2.10	57.8	S0409	.05410	10.1572	0.4	V

Handle via
BYEMAN Channels
BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1307 9003	6273.98	53 1N	141 14E	73.0	190.6	2.170	-1.75	57.8	S0409	.05410	9.9445	0.6	A
9004	6281.78	52 14N	141 39E	76.7	190.5	2.170	17.50	58.6	S0409	.05410	9.5817	0.4	V
9005	6284.58	52 14N	141 39E	77.7	190.5	2.170	17.85	58.6	S0409	.05410	9.3261	0.4	A
9006	6293.38	49 16N	140 12E	73.3	189.9	2.385	5.95	60.9	S0409	.05410	9.8951	0.8	F
9007	6298.58	49 16N	140 12E	73.4	189.8	2.385	6.65	60.9	S0409	.05410	9.8766	1.0	A
1308 5001	11767.98	39 52N	116 12E	87.4	188.4	2.511	31.15	68.0	S0130	.02260	8.3458	1.0	F
5002	11771.18	39 51N	116 11E	86.8	188.4	2.511	31.50	68.0	S0130	.02260	8.4758	0.8	V
9001	11417.38	63 43N	125 33E	81.6	194.7	1.687	21.00	48.5	S0409	.07190	8.8890	0.8	F
9002	11423.18	63 43N	125 33E	81.7	194.5	1.475	21.70	48.5	S0409	.07190	8.8478	0.8	A
9003	11451.58	61 50N	122 25E	76.4	193.6	1.475	-17.15	50.0	S0409	.07190	9.5382	0.6	V
9004	11454.38	61 49N	122 26E	77.0	193.5	1.687	-16.80	50.0	S0409	.07190	9.4168	0.6	A
9005	11589.98	52 17N	117 44E	83.5	190.5	1.687	-30.40	58.1	S0409	.05410	8.6417	0.6	F
9006	11592.98	52 17N	117 44E	82.2	190.5	1.687	-30.45	58.1	S0409	.07190	8.9220	0.6	V
9007	11771.18	39 51N	116 11E	86.8	188.4	2.511	31.50	68.1	S0409	.05410	8.4767	0.8	V
9008	11774.38	39 51N	116 11E	88.2	188.3	2.170	32.20	68.1	S0409	.05410	8.2046	0.5	A
9009	11790.18	38 43N	114 21E	74.7	188.2	2.733	-20.65	67.9	S0409	.07190	9.8126	0.4	V
9010	11799.38	38 4N	114 23E	72.9	188.1	2.733	-13.65	68.3	S0409	.07190	10.0600	0.4	V
9011	11801.98	38 4N	114 23E	73.7	188.1	2.733	-13.30	68.3	S0409	.07190	9.8536	0.4	A
9012	11851.98	34 00N	113 2E	82.2	187.8	2.511	-31.50	69.7	S0409	.04090	8.9055	0.6	V
9013	11948.98	30 21N	112 13E	82.7	187.4	2.733	-30.10	71.0	S0409	.05410	8.7179	0.6	F
9014	11911.98	30 21N	112 13E	81.5	187.4	2.733	-29.75	71.0	S0409	.05410	8.9880	0.6	V
9015	11945.58	27 50N	112 54E	76.9	187.3	2.872	15.40	72.4	S0409	.05410	9.5405	0.6	V
9016	11948.58	27 54N	112 53E	78.0	187.2	2.872	15.75	72.4	S0409	.05410	9.2664	0.4	A
9017	12007.58	23 42N	111 20E	76.0	187.0	3.211	-13.65	71.7	S0409	.07190	9.5075	0.4	F
9018	12010.38	23 41N	111 19E	75.1	187.0	3.211	-13.30	71.7	S0409	.07190	9.7549	0.4	V
9019	12020.78	22 40N	111 37E	74.9	187.0	3.211	4.90	72.0	S0409	.07190	9.7879	0.6	V
9020	12025.38	22 37N	111 39E	76.6	186.9	3.211	8.05	72.0	S0409	.05410	9.4333	0.8	A
9021	12036.78	21 30N	111 1E	75.9	186.9	3.211	-10.85	71.4	S0409	.05410	9.5157	1.4	F
9022	12043.18	21 27N	110 58E	76.2	186.9	3.211	-11.20	71.4	S0409	.05410	9.4992	0.6	A
9023	12051.18	20 56N	110 37E	79.6	186.9	3.211	-21.35	71.0	S0409	.05410	9.1964	0.4	A
9024	12059.98	20 0N	110 35E	77.1	186.8	3.211	-16.80	70.9	S0409	.05410	9.4910	0.4	V
9025	12062.78	20 7N	110 36E	77.8	186.8	3.211	-16.10	70.9	S0409	.05410	9.3013	0.4	A
9026	12067.38	19 49N	110 25E	79.8	186.8	3.211	-21.00	70.7	S0409	.05410	9.0705	1.0	A
9027	12073.58	19 40N	110 7E	84.7	186.8	3.211	-29.05	70.4	S0409	.05410	8.5510	0.8	A
9028	12080.18	19 32N	109 60E	84.7	186.8	3.090	-28.70	70.0	S0409	.04090	8.5015	1.0	F
9029	12087.18	19 26N	110 4E	82.1	186.8	3.211	-24.50	70.1	S0409	.05410	8.8201	0.6	A
9030	12151.78	13 40N	109 14E	83.2	186.6	3.211	-24.85	67.9	S0409	.05410	8.7818	0.6	V
9031	12154.98	13 47N	109 14E	83.9	186.6	3.439	-24.50	67.9	S0409	.05410	8.6334	0.4	A
9032	12162.18	13 0N	109 21E	79.2	186.6	3.439	-15.40	67.7	S0409	.05410	9.2271	0.4	V
9033	12164.98	13 4N	109 20E	80.2	186.6	3.439	-15.05	67.7	S0409	.05410	9.0210	0.4	A
9034	12174.18	12 14N	109 13E	79.4	186.6	3.439	-14.70	67.3	S0409	.05410	9.2024	0.4	V
9035	12176.98	12 14N	109 13E	80.2	186.6	3.439	-14.00	67.3	S0409	.05410	9.0127	0.4	A
9036	12336.38	1 1N	107 34E	83.6	186.4	3.439	-2.10	59.5	S0409	.05410	8.7159	0.6	V
9037	12435.38	6 4S	106 52E	94.8	186.4	3.090	17.15	53.9	S0409	.05410	7.6109	0.6	F
9038	12438.78	6 4S	106 52E	94.3	186.5	3.090	17.85	53.9	S0409	.05410	7.7016	0.6	V
9039	12445.18	6 6S	106 49E	95.2	186.5	2.872	18.90	53.5	S0409	.05410	7.6557	0.6	V
9040	12448.78	6 6S	106 49E	96.8	186.5	2.872	19.25	53.5	S0409	.05410	7.3800	0.4	A
1309 9001	16848.58	55 57N	98 2E	73.3	191.4	2.033	-4.90	55.3	S0409	.07190	9.8951	0.6	A
9002	17230.98	29 41N	91 4E	74.4	187.4	2.872	12.95	72.1	S0409	.07190	9.7219	0.4	A
1310 5001	22172.98	54 56N	74 8E	87.0	191.1	1.475	-33.95	56.2	S0130	.02260	8.2861	3.2	F
5002	22179.78	54 29N	74 16E	83.6	191.0	1.687	-30.45	56.3	S0130	.02260	8.7066	3.4	A
5003	22299.78	46 4N	73 30E	82.1	189.2	2.170	25.90	63.6	S0130	.02260	8.8303	0.8	A
9001	22241.18	49 53N	72 47E	82.0	190.0	1.687	-29.40	60.0	S0409	.05410	8.8066	0.5	F
9002	22243.98	49 53N	72 48E	80.7	189.9	2.033	-29.40	60.0	S0409	.05410	9.0469	0.5	V
9003	22246.98	49 53N	72 48E	81.3	189.9	2.033	-29.05	60.0	S0409	.05410	8.9385	0.6	A
9004	22286.38	46 43N	72 38E	72.7	189.4	2.385	-7.00	62.7	S0409	.05410	9.9528	0.6	F
9005	22291.98	46 29N	72 52E	71.6	189.3	2.385	2.80	63.0	S0409	.07190	10.2414	1.0	V
9006	22299.78	46 4N	73 30E	82.1	189.2	2.170	25.90	63.6	S0409	.05410	8.8313	0.6	A
9007	22301.18	45 58N	73 29E	82.0	189.2	2.170	25.90	63.7	S0409	.05410	8.8231	0.8	A
9008	22337.18	43 14N	71 39E	72.4	188.8	2.385	-7.35	65.2	S0409	.07190	10.0105	0.4	F
9009	22341.78	42 57N	71 20E	74.0	188.8	2.385	-15.40	65.3	S0409	.07190	9.7714	0.4	F
9010	22342.78	42 53N	71 18E	74.0	188.8	2.385	-15.40	65.3	S0409	.07190	9.7796	0.6	F
9011	22346.98	42 57N	71 20E	73.7	188.7	2.385	-14.70	65.3	S0409	.05410	9.8538	1.6	A
9012	22368.58	41 9N	70 6E	88.0	188.5	2.170	-37.45	66.1	S0409	.04090	8.1799	0.6	F
9013	22371.78	41 9N	70 6E	86.5	188.5	2.170	-37.10	66.1	S0409	.04090	8.4603	0.6	V
9014	22380.78	40 56N	70 57E	72.4	188.4	2.733	-7.00	66.9	S0409	.07190	10.0270	1.6	A
9015	22387.78	40 9N	70 40E	73.1	188.4	2.733	-12.95	67.1	S0409	.05410	9.9280	0.6	A
9016	22463.18	34 26N	70 31E	85.2	187.8	2.511	28.70	70.9	S0409	.04090	8.5510	0.8	F
9017	22466.18	34 26N	70 31E	84.6	187.8	2.511	29.05	70.9	S0409	.04090	8.6829	0.8	V
9018	22476.98	33 58N	69 13E	72.5	187.7	2.733	-11.55	70.4	S0409	.05410	9.9775	0.6	F
9019	22482.18	33 36N	69 13E	72.4	187.7	3.090	-10.85	70.5	S0409	.05410	10.0270	0.6	A
9020	22600.78	25 6N	67 28E	75.2	187.1	3.090	-11.20	71.9	S0409	.07190	9.6229	0.8	F
9021	22606.17	25 0N	67 27E	75.1	187.1	3.090	-10.50	71.9	S0409	.07190	9.6594	0.8	A
1311 5001	27430.97	57 56N	53 17E	87.9	192.1	1.475	-34.30	53.3	S0130	.02260	8.1954	0.6	F
5002	27437.37	57 56N	53 17E	87.5	192.0	1.475	-33.95	53.3	S0130	.02260	8.3026	0.6	A
5003	28377.97	6 49S	39 19E	95.0	186.5	3.439	-22.05	52.6	S0130	.04150	7.5770	0.6	A
9001	27378.17	61 19N	56 36E	74.3	193.5	1.687	-0.35	50.6	S0409	.07190	9.7384	0.6	F

Handle via
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4354 COMMAND INFORMATION

REV	FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1311	9002	27383.37	61 19N	56 36E	74.2	193.3	1.687	0.00	50.6	S0409	.07190	9.7714	0.6	A
	9003	27393.97	60 17N	57 18E	82.7	193.0	1.687	25.90	51.7	S0409	.07190	8.6643	0.4	V
	9004	27396.97	60 17N	57 19E	83.9	193.0	1.687	26.25	51.7	S0409	.07190	8.6169	0.4	A
	9005	27430.97	57 55N	53 17E	87.9	192.1	1.475	-34.30	53.3	S0409	.05410	8.1964	0.6	F
	9006	27437.17	57 55N	53 17E	87.4	192.0	1.475	-33.95	53.3	S0409	.05410	8.3336	0.6	A
	9007	27447.17	57 4N	53 59E	74.6	191.7	1.687	-11.90	54.2	S0409	.07190	9.7501	0.6	A
	9008	27454.97	56 17N	54 16E	72.7	191.6	2.033	2.80	55.0	S0409	.07190	10.0765	0.6	V
	9009	27457.77	56 17N	54 16E	73.6	191.5	2.033	3.15	55.0	S0409	.07190	9.8436	0.6	A
	9010	27506.97	52 04N	52 51E	73.4	190.6	2.033	4.55	58.2	S0409	.07190	9.8786	0.8	F
	9011	27512.17	52 04N	52 51E	73.4	190.5	2.033	5.25	58.2	S0409	.07190	9.8703	1.0	A
	9012	27520.57	51 40N	52 19E	72.7	190.4	2.033	-1.40	58.9	S0409	.07190	9.9610	1.0	F
	9013	27525.77	51 40N	52 19E	72.6	190.3	2.033	-0.70	58.9	S0409	.07190	9.9858	1.0	A
	9014	27678.17	40 01N	49 21E	73.8	188.5	2.733	8.05	67.0	S0409	.07190	9.8538	0.8	F
	9015	27683.57	40 00N	49 21E	74.0	188.5	2.733	9.10	67.0	S0409	.07190	9.7961	0.6	A
	9016	27695.17	39 41N	49 0E	73.4	188.4	2.733	6.30	67.7	S0409	.04090	9.8858	1.0	F
	9017	27700.37	39 41N	48 60E	73.5	188.3	2.733	7.00	67.7	S0409	.04090	9.8456	1.2	A
	9018	27819.37	31 00N	47 1AE	77.1	187.5	2.733	15.05	71.7	S0409	.05410	9.3673	1.0	A
	9019	27828.17	30 26N	47 30E	86.1	187.5	2.733	28.35	72.3	S0409	.03090	8.4438	1.0	F
	9020	27835.37	30 23N	47 7E	78.3	187.4	2.733	17.15	72.0	S0409	.05410	9.2271	1.0	A
	9021	28055.97	15 0N	43 18E	79.4	186.6	3.090	-17.85	66.8	S0409	.05410	9.2024	0.6	V
	9022	28059.77	15 0N	43 18E	80.3	186.6	3.439	-17.85	68.8	S0409	.05410	9.0045	0.6	A
	9023	28076.57	13 24N	43 35E	79.5	186.6	3.439	6.30	68.4	S0409	.05410	9.0952	0.8	F
	9024	28082.37	13 23N	43 36E	80.0	186.6	3.211	7.70	68.4	S0409	.05410	9.0845	0.8	A
	9025	28313.97	2 05S	40 13E	88.9	186.4	3.439	-15.40	56.0	S0409	.05410	8.0809	0.8	F
	9026	28317.17	2 05S	40 13E	87.8	186.4	3.439	-14.70	56.0	S0409	.05410	8.2748	0.6	V
	9027	28487.57	10 42S	38 47E	94.7	186.5	3.439	-17.15	49.3	S0409	.05410	7.5514	1.0	F
1312	5001	32579.17	68 24N	38 41E	77.8	197.7	1.113	-14.00	44.0	S0130	.04150	9.2838	1.0	F
	5002	32584.77	68 24N	38 41E	77.6	197.4	1.332	-14.00	44.0	S0130	.04150	9.3497	1.0	A
	5003	32680.37	61 47N	34 28E	73.7	193.6	1.687	-6.65	50.1	S0312	.04150	9.9516	0.6	V
	5004	32683.17	61 47N	34 28E	74.5	193.5	1.687	-6.30	50.1	S0312	.04150	9.7537	0.6	A
	5005	32693.77	60 44N	34 35E	75.7	193.2	1.687	-13.65	51.0	S0312	.04150	9.5558	0.8	F
	5006	32696.57	60 44N	33 35E	74.7	193.1	1.687	-13.30	51.0	S0312	.04150	9.8114	0.6	V
	5007	32707.17	60 7N	32 20E	84.6	192.9	1.475	-31.50	51.4	S0312	.03150	8.6407	0.6	V
	5008	32710.17	60 7N	32 20E	85.3	192.8	1.475	-31.15	51.4	S0312	.03150	8.5170	0.6	A
	5009	32725.17	58 50N	33 31E	75.5	192.4	2.033	10.50	53.1	S0312	.04150	9.6053	0.6	F
	5010	32730.57	58 50N	33 31E	75.6	192.3	1.810	11.20	53.1	S0312	.04150	9.6053	0.6	A
	5011	32736.57	57 57N	32 60E	73.2	192.1	2.033	4.90	53.6	S0312	.04150	10.0176	0.6	V
	5012	32737.77	57 52N	32 57E	73.2	192.1	2.033	4.90	53.7	S0312	.04150	10.0258	0.6	V
	5013	32741.77	57 46N	32 34E	73.4	192.0	2.033	0.00	54.0	S0312	.04150	9.8692	0.4	F
	5014	32744.37	57 46N	32 34E	72.6	191.9	2.033	0.35	54.0	S0312	.04150	10.1000	1.4	V
	5015	32747.97	57 42N	32 33E	73.5	191.9	2.033	0.70	54.1	S0312	.04150	9.8856	0.4	A
	5016	32814.77	52 46N	30 54E	74.5	190.8	2.170	10.15	58.3	S0312	.03150	9.7455	0.4	F
	5017	32817.37	52 46N	30 54E	73.8	190.8	2.170	10.50	58.3	S0312	.04150	9.9514	0.4	V
	5018	32821.17	52 42N	30 52E	74.7	190.8	2.170	10.85	58.4	S0312	.03150	9.7207	0.6	A
	5019	32852.17	49 49N	30 27E	80.6	190.0	2.385	23.10	60.6	S0312	.03150	9.0282	0.6	F
	5020	32855.17	49 49N	30 26E	79.7	190.0	2.170	23.45	60.6	S0312	.03150	9.2178	0.6	V
	5021	32864.57	49 4N	30 14E	81.5	189.8	2.385	24.50	61.3	S0312	.03150	8.9292	0.6	F
	5022	32867.77	48 49N	30 4E	80.2	189.8	2.385	22.75	61.5	S0312	.03150	9.0694	0.6	F
	5023	32870.57	48 49N	30 4E	79.3	189.8	2.170	23.10	61.5	S0312	.03150	9.2530	0.6	V
	5024	32968.97	42 1N	25 20E	82.6	188.6	2.170	-31.50	65.6	S0312	.03150	8.7343	0.4	F
	5025	32971.97	42 0N	26 20E	81.4	188.6	2.170	-31.15	65.7	S0312	.03150	8.9952	0.4	V
	5026	33113.37	32 0N	23 56E	86.2	187.6	2.385	-36.05	70.4	S0312	.03150	8.1789	0.6	F
	5027	33115.57	32 0N	23 56E	86.9	187.6	2.385	-35.70	70.4	S0312	.03150	8.4595	0.6	V
	5028	33118.97	32 7N	23 58E	86.3	187.5	2.733	-34.30	70.4	S0312	.03150	8.4428	0.6	A
	5029	33497.37	5 02N	20 39E	93.7	186.4	2.733	25.90	63.8	S0312	.03150	7.6513	0.4	A
	5030	33564.37	1 17N	19 48E	94.5	186.4	2.733	23.45	60.1	S0312	.03150	7.5770	1.4	A
	5031	33577.37	0 4N	19 18E	93.0	186.4	3.439	-27.30	58.3	S0312	.03150	7.7255	1.0	F
	9001	32579.17	68 24N	38 41E	77.8	197.7	1.113	-14.00	44.0	S0409	.07190	9.2849	0.6	F
	9002	32584.77	68 24N	38 41E	77.6	197.4	1.332	-14.00	44.0	S0409	.07190	9.3508	0.6	A
	9003	32626.17	65 11N	37 3E	75.2	195.5	1.475	1.40	47.0	S0409	.07190	9.6229	0.6	F
	9004	32629.97	65 11N	37 3E	74.3	195.4	1.475	1.75	47.0	S0409	.07190	9.8703	0.6	V
	9005	32735.37	58 4N	33 2E	73.2	192.2	2.033	4.90	53.5	S0409	.07190	10.0187	1.0	V
	9006	32782.77	56 40N	32 20E	73.5	191.0	2.033	2.45	54.7	S0409	.07190	9.8538	0.8	F
	9007	32787.97	56 41N	32 20E	73.5	191.6	2.033	3.15	54.7	S0409	.07190	9.8621	1.0	A
	9008	32788.77	54 51N	32 4E	76.7	191.2	2.170	15.40	56.4	S0409	.07190	9.4653	0.8	F
	9009	32794.17	54 51N	32 4E	76.8	191.1	2.033	16.10	56.4	S0409	.07190	9.4250	0.6	A
	9010	32799.97	53 56N	30 12E	76.7	190.8	2.033	-19.95	57.1	S0409	.07190	9.4258	0.8	F
	9011	32805.37	53 56N	30 13E	76.3	190.7	2.033	-14.25	57.1	S0409	.07190	9.5240	1.0	A
	9012	32817.37	52 46N	30 54E	73.8	190.5	2.170	10.50	58.4	S0409	.07190	9.9528	0.4	V
	9013	32819.97	52 46N	30 54E	74.7	190.5	2.170	10.85	58.3	S0409	.07190	9.7054	0.4	A
	9014	32830.37	51 40N	30 7E	72.7	190.3	2.385	-1.75	59.1	S0409	.07190	9.9610	0.6	F
	9015	32835.57	51 40N	30 7E	72.6	190.3	2.385	-1.05	59.1	S0409	.07190	9.9858	0.8	A
	9016	32841.17	50 36N	30 12E	74.1	190.2	2.385	8.75	59.8	S0409	.07190	9.7961	1.0	F
	9017	32846.57	50 36N	30 12E	74.2	190.1	2.170	9.80	59.8	S0409	.07190	9.7714	0.6	A
	9018	32854.97	49 49N	30 26E	79.7	190.0	2.170	23.45	60.6	S0409	.07190	9.2189	0.6	V
	9019	32867.97	49 49N	30 26E	80.8	189.9	2.170	23.80	60.6	S0409	.07190	9.1633	0.6	A
	9020	32878.37	49 7N	29 9E	78.6	189.8	2.511	9.45	61.7	S0409	.07190	9.9858	0.6	F
	9021	32883.57	48 7N	29 9E	72.6	189.6	2.385	3.15	61.7	S0409	.07190	9.9775	0.6	A
	9022	32893.17	47 48N	28 43E	73.4	189.6	2.511	-1.75	62.5	S0409	.09670	10.0105	0.4	F
	9023	32895.77	47 48N	28 43E	71.5	189.4	2.511	-1.40	62.5	S0409	.09670	10.2579	0.4	V
	9024	32904.37	46 46N	29 12E	79.1	189.3	2.385	21.00	63.4	S0409	.07190	9.1859	0.6	F
	9025	32910.17	46 46N	29 13E	80.0	189.3	2.170	22.75	63.4	S0409	.05410	9.0540	0.6	A
	9026	32948.57	43 59N	27 54E	73.9	188.8	2.733	8.75	65.4	S0409	.09670	9.8208	0.6	F
	9027	32954.97	43 59N	27 55E	74.2	188.8	2.511	10.15	65.4	S0409	.07190	9.7631	0.6	A
	9028	32971.77	42 1N	26 20E	81.4	188.6	2.170	-31.15	65.7	S0409	.05410	8.9962	0.4	V

Handle via
BYEMAN Channels
BYE-8915/84

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1312 9029	32974.77	42 1N	26 20E	82.2	188.6	2.385	-31.15	65.7	S0409	.05410	8.8478	0.4	A
9030	33532.37	3 16N	19 47E	84.3	186.4	3.211	9.45	61.5	S0409	.05410	8.6499	1.0	V
9031	33608.77	1 30S	18 17E	87.0	186.4	3.574	-14.70	56.9	S0409	.05410	8.3695	1.0	V
1313 5001	38133.57	51 34N	8 7E	72.7	190.4	2.385	-0.35	59.0	S0312	.04150	9.9763	0.8	F
5002	38138.77	51 34N	8 7E	72.7	190.3	2.170	0.70	59.0	S0312	.04150	9.9928	0.3	A
5003	38147.97	50 34N	7 53E	72.8	190.1	2.385	3.50	59.8	S0312	.04150	9.9681	0.8	F
5004	38153.17	50 34N	7 53E	72.9	190.1	2.385	4.20	59.8	S0312	.04150	9.9681	0.8	A
5005	38161.97	49 39N	7 11E	72.8	189.9	2.385	-8.75	60.4	S0312	.03150	9.9516	0.8	F
5006	38167.17	49 39N	7 11E	72.7	189.9	2.385	-8.05	60.4	S0312	.04150	10.0011	0.8	A
5007	38218.97	45 48N	5 29E	78.1	189.2	2.170	-24.15	63.2	S0312	.03150	9.2508	1.0	F
5008	38224.57	45 48N	5 29E	77.8	189.2	2.385	-23.80	63.2	S0312	.03150	9.3580	1.0	A
5009	38242.97	44 26N	4 44E	84.1	189.0	2.033	-33.60	64.0	S0312	.03150	8.7149	0.8	V
5010	38245.97	44 26N	4 44E	84.8	188.9	2.033	-33.25	64.0	S0312	.03150	8.5747	1.0	A
5011	38349.97	36 48N	2 56E	84.7	188.0	2.385	-33.25	68.6	S0312	.01710	8.5170	0.6	F
5012	38352.97	36 48N	2 56E	83.5	188.0	2.385	-32.90	68.6	S0312	.01710	8.7808	0.8	V
5013	38359.97	36 36N	2 49E	85.5	188.0	2.385	-33.95	68.7	S0312	.01710	8.5170	1.0	A
9001	38161.97	49 39N	7 11E	72.8	189.9	2.385	-8.75	60.4	S0409	.07190	9.9528	0.6	F
9002	38167.17	49 39N	7 11E	72.7	189.9	2.385	-8.05	60.4	S0409	.07190	10.0023	0.6	A
9003	38218.97	45 47N	5 29E	78.1	189.2	2.170	-24.15	63.2	S0409	.07190	9.2518	0.8	F
9004	38224.57	45 47N	5 29E	77.7	189.2	2.385	-23.80	63.2	S0409	.07190	9.3591	0.8	A
9005	38242.77	44 26N	4 44E	84.1	189.0	2.033	-33.61	64.0	S0409	.05410	8.7159	1.0	V
9006	38245.97	44 22N	4 44E	84.7	188.9	2.033	-33.25	64.0	S0409	.05410	8.5757	0.8	A
9007	38352.97	36 48N	2 56E	83.5	188.0	2.385	-32.90	68.6	S0409	.04090	8.7818	0.6	V
9008	38355.97	36 48N	2 56E	84.1	188.0	2.385	-32.55	68.6	S0409	.04090	8.6417	0.8	A
9009	38367.77	35 34N	2 53E	79.4	187.9	2.511	-26.60	69.3	S0409	.04090	9.0787	1.0	F
9010	38369.37	35 31N	2 53E	73.6	187.7	2.872	-13.65	70.3	S0409	.07190	9.8291	0.8	F
9011	38397.77	33 50N	2 53E	73.3	187.7	2.872	-12.60	70.3	S0409	.07190	9.8951	0.8	A
9012	38781.97	7 24N	2 19W	84.3	186.5	3.574	-19.25	64.0	S0409	.05410	8.5510	1.0	A
1315 5001	49512.16	1 20S	48 29W	100.1	186.4	3.211	-33.95	57.0	S0312	.03150	7.1648	0.4	F
5002	49515.76	1 20S	48 29W	98.8	186.4	3.211	-33.60	57.0	S0312	.03150	7.3627	0.6	V
5003	49519.36	1 22S	48 30W	100.0	186.4	3.439	-33.60	57.0	S0312	.03150	7.2308	0.6	A
5004	49551.56	3 30S	49 13W	113.6	186.4	3.211	-42.35	55.0	S0312	.02260	6.3485	0.8	A
5005	49572.76	5 17S	49 9W	100.3	186.4	3.439	-32.55	53.7	S0312	.03150	7.2472	0.4	V
5006	49671.96	12 0S	48 32W	109.7	186.6	2.385	29.05	48.9	S0312	.03150	6.4887	1.0	A
5007	49684.96	13 10S	50 10W	97.4	186.6	3.439	-19.60	47.0	S0312	.03150	7.3544	0.8	F
5008	49773.16	18 52S	50 29W	99.4	186.3	3.211	5.60	42.7	S0312	.03150	7.1750	1.0	A
5009	49786.76	20 10S	52 1W	115.4	186.8	3.211	-33.95	40.4	S0312	.03150	6.1672	0.8	F
5010	49794.36	20 43S	51 41W	105.0	186.8	3.439	-22.40	40.1	S0312	.02260	6.8020	1.0	F
5011	49803.16	20 44S	52 1W	112.5	186.9	3.439	-30.45	40.0	S0312	.03150	6.3650	1.0	A
5012	49809.56	21 20S	52 1W	108.2	186.9	3.439	-26.95	39.4	S0312	.03150	6.6783	1.0	V
5013	49813.76	21 40S	52 4W	109.9	186.9	3.211	-28.65	39.1	S0312	.03150	6.5629	1.0	V
5014	49818.76	21 51S	51 53W	105.6	186.9	3.439	-20.65	39.1	S0312	.03150	6.7773	1.0	A
5015	49823.96	22 20S	52 4W	106.1	186.9	3.439	-23.10	38.5	S0312	.03150	6.8020	1.0	V
5016	49844.56	23 26S	52 21W	103.4	187.0	3.439	-22.40	37.2	S0312	.03150	6.5959	1.0	A
5017	49955.16	31 19S	54 6W	116.2	187.5	3.090	-25.55	30.2	S0312	.03150	6.1319	0.4	V
5018	49960.16	31 22S	54 6W	117.4	187.5	3.211	-24.85	30.1	S0312	.03150	6.0610	1.0	A
9001	49589.76	6 44S	49 0W	93.1	186.5	3.439	-20.30	52.7	S0409	.05410	7.7016	1.0	F
9002	49842.16	23 59S	52 21W	107.9	187.0	3.211	-22.40	37.1	S0409	.05410	6.5967	1.0	F
1316 5001	54997.56	13 36S	74 53W	108.9	186.6	3.439	-35.70	46.4	S0312	.03150	6.6536	1.0	V
9001	54645.76	10 10N	67 33W	79.9	186.5	3.439	3.50	66.4	S0409	.05410	9.0540	0.8	F
9002	54651.56	10 10N	67 33W	80.2	186.5	3.439	4.20	66.4	S0409	.05410	8.9715	0.8	A
9003	54896.36	6 37S	69 55W	100.2	186.5	2.733	23.80	53.5	S0409	.05410	7.1162	1.2	A
9004	54978.76	12 15S	70 51W	104.5	186.5	2.733	23.80	48.6	S0409	.05410	6.8028	1.0	A
1317 9001	59513.15	40 6N	82 54W	82.0	188.4	2.511	25.55	67.7	S0409	.05410	8.8808	3.0	F
9002	59626.55	32 52N	84 56W	78.1	187.6	2.733	19.60	71.4	S0409	.05410	9.3920	0.6	V
9003	59629.35	32 36N	84 56W	79.2	187.6	2.733	19.95	71.4	S0409	.05410	9.1117	0.8	A
1318 5001	64903.75	34 7N	107 18W	71.6	187.8	2.872	-4.20	70.3	S0312	.02260	10.1043	0.8	F
5002	64908.95	34 7N	107 17W	71.7	187.7	2.874	-3.15	70.4	S0312	.02260	10.1165	0.6	A
9001	64903.75	34 7N	107 18W	71.7	187.8	2.872	-4.20	70.3	S0409	.05410	10.1095	0.6	F
9002	64908.95	34 7N	107 17W	71.7	187.7	2.872	-3.15	70.4	S0409	.05410	10.1177	0.6	A
1319 5001	71020.55	21 49S	138 59W	106.0	186.9	2.733	17.85	39.7	S0312	.03150	6.8103	0.8	V
5002	71024.55	21 50S	139 59W	107.9	186.9	2.733	18.20	39.7	S0312	.03150	6.5876	0.8	A
1320 9001	75968.95	2 5N	157 27W	83.6	186.4	3.439	-2.10	60.4	S0409	.05410	8.6334	0.8	F
9002	75971.95	2 5N	157 27W	82.8	186.4	3.439	-1.75	60.4	S0409	.05410	8.8066	0.8	V
1323 5001	5706.54	12 39S	132 54E	102.1	186.6	3.439	-27.65	47.4	S0312	.03150	7.0061	0.6	F
5002	5710.34	12 39S	132 54E	101.0	186.6	3.439	-27.30	47.4	S0312	.03150	7.1913	0.6	V
1324 5001	10261.53	39 15N	122 4E	81.2	188.3	2.733	22.75	68.2	S0312	.03150	8.9622	0.6	F

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1324 5002	10264.33	39 16N	122 4E	80.4	188.3	2.511	23.10	68.2	S0312	.03150	9.1436	0.8	V
5003	10289.53	37 53N	121 26E	76.7	188.1	2.733	16.45	69.0	S0312	.03150	9.5723	0.4	V
5004	10293.33	37 33N	121 26E	77.8	186.1	2.733	16.60	69.0	S0312	.03150	9.3250	0.4	A
5005	10312.13	36 5N	120 18E	73.3	187.9	2.872	-11.90	69.3	S0312	.04150	10.0093	0.4	V
5006	10314.73	36 5N	120 18E	74.1	187.9	2.872	-11.55	69.3	S0312	.04150	9.8114	0.4	A
5007	10382.53	30 57N	120 2E	80.4	187.5	2.872	20.30	71.9	S0312	.02260	9.0364	0.4	F
5008	10387.73	30 47N	120 2E	80.7	187.5	2.733	22.40	72.0	S0312	.03150	9.0941	0.4	V
5009	10390.73	30 40N	120 2E	82.0	187.5	2.733	22.75	72.0	S0312	.03150	8.8385	0.6	A
5010	10413.33	28 58N	118 54E	74.1	187.3	3.090	-7.00	71.8	S0312	.03150	9.7367	0.4	F
5011	10417.93	28 38N	118 53E	74.2	187.3	3.090	-7.00	71.7	S0312	.03150	9.7350	0.4	A
5012	10429.73	28 7N	119 10E	76.7	187.3	3.090	11.90	72.3	S0312	.03150	9.4487	0.6	A
5013	10450.13	26 42N	117 49E	82.5	187.2	2.872	-28.35	71.5	S0312	.03150	8.7396	0.8	F
5014	10453.13	26 32N	117 49E	81.4	187.2	2.872	-28.00	71.5	S0312	.03150	8.9952	0.6	V
5015	10466.53	25 49N	118 8E	74.4	187.1	3.211	-9.10	71.9	S0312	.03150	9.7702	0.6	A
5016	10936.13	7 11S	112 45E	90.9	186.5	3.439	7.70	52.8	S0312	.04150	7.9316	0.6	F
5017	10939.33	7 10S	112 45E	90.2	186.5	3.211	8.40	52.8	S0312	.03150	8.0053	1.2	V
5018	10946.33	7 8S	112 43E	92.0	186.5	3.211	9.45	52.8	S0312	.03150	7.7914	0.6	A
5019	10950.73	7 7S	112 39E	91.0	186.5	3.211	9.80	52.2	S0312	.03150	7.9493	0.4	V
5020	10954.93	7 7S	112 39E	92.5	186.5	3.211	10.15	52.2	S0312	.03150	7.7502	0.6	A
9001	10147.93	46 1N	122 31E	76.5	189.2	2.305	-21.35	65.0	S0409	.07190	9.5300	0.6	V
9002	10178.73	46 1N	122 31E	77.2	189.2	2.595	-21.00	65.0	S0409	.07190	9.4168	0.8	A
9003	10241.93	40 40N	120 60E	79.9	188.5	2.385	-25.90	66.5	S0409	.07190	9.0375	0.8	F
9004	10247.53	40 40N	121 1E	79.1	188.4	2.511	-24.85	66.5	S0409	.07190	9.1059	1.0	A
9005	10260.73	39 46N	122 5E	81.3	188.3	2.733	22.75	64.1	S0409	.05410	8.9653	0.8	F
9006	10271.73	39 49N	121 19E	72.4	188.2	2.733	1.40	64.1	S0409	.07190	10.1342	0.4	V
9007	10274.33	39 49N	121 19E	73.3	188.2	2.733	1.75	66.1	S0409	.07190	9.8868	0.6	A
9008	10283.53	37 53N	121 26E	76.7	188.1	2.733	16.45	69.0	S0409	.07190	9.5735	0.4	V
9009	10292.33	37 33N	121 26E	77.7	188.1	2.733	16.80	69.0	S0409	.05410	9.3261	0.4	A
9010	10306.33	36 16N	120 24E	74.0	188.0	2.872	-10.85	69.2	S0409	.05410	9.7479	0.8	F
9011	10312.13	36 5N	120 18E	73.3	187.9	2.872	-11.90	69.3	S0409	.07190	10.0105	0.4	V
9012	10314.73	36 5N	120 18E	74.1	187.9	2.872	-11.55	69.3	S0409	.07190	9.8126	0.4	A
9013	10369.13	31 59N	119 14E	74.5	187.6	2.872	-18.55	70.8	S0409	.05410	9.4498	0.6	F
9014	10371.93	31 59N	119 14E	75.4	187.6	2.872	-18.20	70.8	S0409	.07190	9.7136	0.6	V
9015	10412.13	28 50N	118 54E	74.1	187.3	3.090	-7.00	71.7	S0409	.05410	9.7714	0.6	F
9016	10462.93	26 26N	117 49E	81.4	187.2	2.872	-28.00	71.5	S0409	.05410	8.9962	0.6	V
9017	10465.93	26 26N	117 49E	82.2	187.1	3.090	-28.00	71.5	S0409	.05410	8.8396	0.6	A
9018	10479.33	25 55N	117 40E	77.8	187.1	3.090	-21.00	71.6	S0409	.05410	9.4168	0.8	V
9019	10482.13	25 45N	117 39E	78.6	187.0	3.090	-20.65	71.6	S0409	.05410	9.2354	0.6	A
9020	10869.53	2 11S	113 57E	95.1	186.4	2.872	21.70	57.3	S0409	.05410	7.5202	1.0	A
9021	10939.33	7 11S	112 45E	90.2	186.5	3.211	8.40	52.8	S0409	.07190	8.0562	0.6	V
9022	10942.73	7 11S	112 45E	91.6	186.5	3.211	8.75	52.8	S0409	.07190	7.8088	0.6	A
1325 5001	15366.13	53 49N	102 36E	80.6	190.8	1.810	-25.20	57.0	S0312	.03150	8.9457	0.8	F
5002	15570.13	39 12N	100 2E	82.9	188.3	2.511	26.25	68.2	S0312	.02260	8.7973	0.6	F
5003	15578.33	39 10N	100 1E	87.1	188.3	2.170	31.15	68.3	S0312	.02260	8.3171	0.6	A
9001	15366.13	53 49N	102 36E	80.6	190.8	1.810	-25.20	57.1	S0409	.07190	8.9468	0.8	F
9002	15378.73	52 24N	104 11E	83.8	190.6	2.170	25.55	58.4	S0409	.05410	8.6582	0.8	F
9003	15381.73	52 24N	104 11E	83.0	190.5	2.170	25.90	58.4	S0409	.05410	8.8251	0.6	V
9004	15544.53	41 7N	100 17E	77.9	188.5	2.733	18.20	66.9	S0409	.07190	9.3261	0.4	F
9005	15547.33	41 7N	100 17E	77.2	188.5	2.511	18.90	66.9	S0409	.07190	9.5075	0.4	V
9006	15553.13	40 45N	99 60E	74.4	188.5	2.733	12.60	67.0	S0409	.07190	9.8558	0.4	V
9007	15555.93	40 34N	99 60E	75.5	188.4	2.511	13.30	67.1	S0409	.07190	9.5982	0.4	A
1326 5001	20603.33	58 21N	82 54E	76.9	192.5	1.810	-14.70	55.0	S0312	.03150	9.3909	0.4	F
5002	20606.13	58 21N	82 54E	75.9	192.2	1.810	-14.35	53.0	S0312	.03150	9.6465	0.4	V
5003	20645.33	55 20N	83 3E	80.8	191.4	2.170	20.65	55.9	S0312	.03150	8.9569	0.6	F
5004	20648.53	55 6N	83 0E	81.6	191.3	2.170	21.70	56.1	S0312	.03150	8.9210	1.8	F
5005	20654.33	55 7N	82 59E	81.7	191.2	2.170	22.05	56.1	S0312	.03150	8.8798	1.8	A
5006	20718.53	50 34N	79 12E	85.3	190.1	1.810	-31.85	59.3	S0312	.02260	8.4510	0.6	F
5007	20721.53	50 34N	79 13E	84.0	190.1	1.810	-31.50	59.3	S0312	.02260	8.7149	0.8	V
5008	20808.93	44 31N	77 59E	74.5	189.0	2.385	-17.50	64.1	S0312	.03150	9.8362	0.6	V
5009	20811.73	44 31N	77 59E	75.3	189.0	2.385	-17.15	64.1	S0312	.03150	9.6630	0.4	A
9001	20434.73	69 57N	90 23E	79.7	198.7	1.112	-13.30	42.7	S0409	.07190	9.0375	0.8	F
9002	20440.53	69 36N	90 23E	79.4	198.4	1.113	-12.95	42.7	S0409	.07190	9.1034	0.8	A
9003	20605.93	58 21N	82 56E	75.9	192.2	1.810	-14.35	53.0	S0409	.05410	9.6477	0.6	V
9004	20608.73	58 21N	82 53E	76.7	192.2	1.810	-14.35	53.0	S0409	.05410	9.4498	0.6	A
9005	20648.73	55 5N	82 59E	81.5	191.3	2.170	21.70	56.1	S0409	.07190	8.9260	0.6	F
9006	20654.73	55 5N	82 59E	81.6	191.2	2.170	22.05	56.1	S0409	.07190	8.8408	0.4	A
9007	20669.73	53 49N	81 10E	75.2	190.9	2.033	-11.55	56.9	S0409	.05410	9.6147	1.0	F
9008	20675.13	53 49N	81 10E	74.9	190.8	2.170	-10.85	56.9	S0409	.05410	9.8407	1.0	A
9009	20702.33	51 0N	81 13E	76.7	190.4	2.305	13.30	59.1	S0409	.07190	9.4498	0.6	F
9010	20705.13	51 0N	81 13E	75.9	190.3	2.170	13.65	59.1	S0409	.07190	9.6807	0.6	V
9011	20726.53	50 5N	79 1E	86.1	190.0	1.810	-32.90	59.7	S0409	.05410	8.3616	1.2	F
9012	20731.73	50 5N	79 1E	85.5	189.9	2.033	-32.55	59.7	S0409	.05410	8.5015	1.2	A
9013	20799.53	45 7N	78 29E	72.3	189.1	2.511	-7.00	63.8	S0409	.05410	10.1424	0.4	V
9014	20802.13	45 6N	78 29E	73.0	189.1	2.511	-6.65	63.8	S0409	.05410	9.9260	0.4	A
9015	21068.73	26 42N	74 44E	79.4	187.2	3.090	17.15	72.5	S0409	.05410	9.1447	1.2	F
9016	21074.53	26 26N	74 45E	80.1	187.1	2.872	18.55	72.5	S0409	.05410	9.0045	1.0	A
9017	21177.13	18 50N	72 54E	76.8	186.8	3.211	2.45	70.9	S0409	.05410	9.4333	1.0	F
9018	21182.73	18 50N	72 56E	77.1	186.8	3.211	3.50	70.9	S0409	.05410	9.3673	0.8	A
1327 5001	25839.53	63 13N	64 29E	77.2	194.4	1.475	-11.90	48.7	S0312	.04150	9.3497	1.0	F

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1327 5002	25845.13	63 10N	63 27E	77.1	194.2	1.475	-11.55	48.7	SO312	.04150	9.4157	0.8	A
5003	25929.93	57 0N	60 42E	74.6	191.9	2.033	-3.15	54.2	SO312	.04150	9.7043	0.4	F
5004	25935.33	57 0N	60 43E	74.5	191.8	2.033	-2.45	54.2	SO312	.04150	9.7455	0.4	A
5005	25962.53	55 39N	60 48E	77.1	191.4	2.033	15.05	55.6	SO312	.04150	9.5146	0.6	V
5006	25985.13	53 10N	60 26E	86.8	190.8	2.170	29.05	57.8	SO312	.03150	8.3851	0.4	F
5007	25988.13	53 10N	60 26E	86.1	190.7	2.170	29.40	57.8	SO312	.03150	8.5335	0.4	V
5008	25990.53	53 0N	60 22E	86.4	190.7	2.170	29.75	58.0	SO312	.03150	8.5087	0.6	V
5009	25993.73	52 50N	60 22E	87.7	190.6	1.810	30.45	58.0	SO312	.03150	8.2696	1.2	A
5010	26034.73	50 2N	56 59E	84.2	190.0	1.810	-30.80	59.7	SO312	.03150	8.5582	0.8	F
5011	26037.73	50 2N	56 59E	83.0	190.0	1.810	-30.45	59.8	SO312	.03150	8.8220	0.4	V
5012	26053.73	48 56N	58 3E	75.9	189.7	2.385	12.25	61.4	SO312	.03150	9.5641	1.4	F
5013	26059.13	48 56N	58 3E	76.2	189.7	2.385	12.95	61.4	SO312	.03150	9.5229	1.6	A
5014	26188.73	39 27N	54 27E	77.7	188.3	2.511	-22.05	67.3	SO312	.03150	9.3003	0.6	F
5015	26191.53	39 27N	54 27E	76.6	188.3	2.511	-21.70	67.3	SO312	.03150	9.5558	0.6	V
5016	26228.73	36 40N	53 32E	83.2	188.0	2.385	-30.45	68.6	SO312	.03150	8.6736	0.8	F
5017	26234.73	36 40N	53 33E	82.4	189.0	2.511	-29.40	65.6	SO312	.03150	8.8220	0.4	A
9001	25839.53	63 10N	63 27E	77.3	194.4	1.475	-11.90	48.7	SO409	.07190	9.3508	0.8	F
9002	25845.13	63 10N	63 27E	77.1	194.2	1.475	-11.55	48.7	SO409	.07190	9.4168	0.8	A
9003	25918.13	57 50N	60 6E	81.8	192.2	1.687	-25.55	53.2	SO409	.07190	8.8140	1.0	F
9004	25932.53	57 0N	60 43E	73.7	191.8	2.033	-2.80	54.2	SO409	.07190	9.9445	0.4	V
9005	25935.13	57 0N	60 43E	74.5	191.8	2.033	-2.45	54.2	SO409	.07190	9.7466	0.6	A
9006	25941.93	56 14N	60 39E	75.0	191.6	2.170	4.55	55.0	SO409	.07190	9.6642	0.8	F
9007	25947.33	56 14N	60 39E	74.9	191.5	2.033	5.25	55.0	SO409	.07190	9.6724	0.8	A
9008	25958.33	55 7S	60 9E	74.7	191.5	2.170	3.85	55.9	SO409	.07190	9.7054	0.4	F
9009	25960.93	55 0N	60 9E	73.8	191.2	2.170	4.20	55.9	SO409	.07190	9.9363	0.6	V
9010	26059.73	48 56N	58 3E	76.1	189.7	2.385	12.95	61.4	SO409	.07190	9.5240	0.6	A
9011	26075.73	47 9N	57 5E	73.3	189.5	2.511	-3.85	62.3	SO409	.07190	9.8786	1.0	F
9012	26081.13	47 9N	57 4E	73.2	189.4	2.511	-3.15	62.3	SO409	.07190	9.9033	0.8	A
9013	26188.73	39 27N	54 27E	77.7	188.3	2.511	-22.05	67.3	SO409	.05410	9.3013	0.6	F
9014	26191.53	39 27N	54 27E	76.6	188.3	2.511	-21.70	67.3	SO409	.07190	9.5570	0.6	V
9015	26638.33	8 26N	48 30E	82.3	186.5	3.439	-16.10	64.8	SO409	.05410	8.7471	1.0	F
1328 5001	30980.32	73 50N	54 47E	86.9	204.2	1.113	23.10	38.6	SO312	.04150	8.3191	1.0	F
5002	30983.52	73 50N	54 46E	85.8	203.9	1.113	23.10	38.6	SO312	.04150	8.5170	0.8	V
5003	31170.72	61 40N	40 23E	77.0	193.6	1.687	-13.30	50.1	SO312	.04150	9.3867	0.4	F
5004	31173.32	61 40N	40 24E	76.0	193.5	1.687	-12.95	50.0	SO312	.04150	9.6383	0.6	V
5005	31207.12	59 14N	38 50E	78.9	192.6	1.687	-19.95	52.2	SO312	.04150	9.1518	1.2	F
5006	31213.12	59 10N	38 49E	78.7	192.5	1.810	-19.60	52.2	SO312	.04150	9.2343	0.6	A
5007	31223.52	58 50N	38 49E	75.2	192.2	1.810	-8.40	53.3	SO312	.05390	9.6136	0.4	F
5008	31226.12	58 50N	38 49E	74.3	192.2	1.810	-8.40	53.3	SO312	.05390	9.8527	0.6	V
5009	31231.12	57 54N	38 22E	77.4	192.0	1.810	-17.15	53.3	SO312	.04150	9.3745	0.4	A
5010	31236.52	57 10N	37 55E	78.9	191.9	1.687	-20.65	53.9	SO312	.03150	9.1601	0.6	F
5011	31239.32	57 10N	37 55E	77.8	191.9	1.687	-20.30	53.9	SO312	.04150	9.4157	0.6	V
5012	31247.12	56 29N	38 6E	74.9	191.7	2.033	-9.10	54.6	SO312	.04150	9.6548	0.6	F
5013	31252.52	56 29N	38 5E	74.8	191.6	2.033	-8.75	54.6	SO312	.04150	9.7043	0.6	A
5014	31257.32	56 49N	37 33E	76.4	191.5	1.810	-15.40	55.2	SO312	.04150	9.4487	0.6	F
5015	31260.12	56 40N	37 33E	75.5	191.4	2.033	-15.40	55.2	SO312	.04150	9.7125	0.6	V
5016	31262.72	56 50N	37 29E	75.3	191.4	2.033	-15.05	55.3	SO312	.04150	9.7290	1.2	V
5017	31266.72	56 11N	37 14E	76.9	191.3	1.810	-17.15	55.7	SO312	.03150	9.3745	0.6	F
5018	31275.92	54 44N	37 11E	74.7	191.1	2.033	-13.65	56.1	SO312	.04150	9.8114	0.4	V
5019	31278.52	54 44N	37 11E	75.6	191.1	2.033	-13.30	56.1	SO312	.04150	9.6401	0.6	A
5020	31284.72	54 6N	37 14E	73.3	190.9	2.170	-6.30	56.7	SO312	.04150	10.0111	0.4	V
5021	31290.72	53 50N	36 30E	77.7	190.8	2.033	-19.95	57.0	SO312	.03150	9.3003	0.4	F
5022	31293.32	53 54N	36 31E	76.6	190.8	2.033	-19.60	57.0	SO312	.03150	9.5641	0.6	V
5023	31299.12	53 0N	36 3E	81.0	190.7	1.810	-25.90	57.4	SO312	.03150	8.9045	0.4	F
5024	31301.92	53 0N	36 3E	79.8	190.6	1.810	-25.55	57.4	SO312	.03150	9.1683	1.6	V
5025	31305.72	52 57N	36 2E	80.6	190.6	2.033	-25.55	57.5	SO312	.03150	9.0199	0.8	A
5026	31334.52	50 42N	35 47E	74.6	190.1	2.170	-11.55	59.6	SO312	.03150	9.7043	0.4	F
5027	31337.12	50 36N	35 47E	73.6	190.1	2.170	-11.20	59.6	SO312	.04150	9.9516	0.4	V
5028	31412.32	46 3N	35 24E	84.9	189.1	2.385	27.65	64.3	SO312	.03150	8.5664	0.6	F
5029	31415.32	46 3N	35 24E	84.4	189.1	2.170	26.35	64.3	SO312	.03150	8.7066	1.0	V
5030	31426.52	44 26N	33 59E	72.8	189.0	2.511	-9.45	64.2	SO312	.03150	10.0753	0.6	V
5031	31429.32	44 20N	33 59E	73.6	188.9	2.511	-9.10	64.3	SO312	.03150	9.8692	0.6	A
5032	31615.12	31 14N	30 3E	89.0	187.5	2.385	-36.05	70.5	SO312	.01710	8.1047	0.4	F
5033	31619.32	31 14N	30 3E	87.6	187.5	2.385	-35.70	70.5	SO312	.01710	8.3603	0.4	V
5034	31647.32	29 21N	31 12E	81.2	187.4	2.733	21.00	72.3	SO312	.03150	8.9127	0.4	A
5035	32536.32	31 26S	19 44E	110.3	187.5	2.733	7.70	80.6	SO312	.04150	6.4227	1.0	A
5036	32558.12	33 20S	18 15E	115.6	187.7	3.090	-21.00	78.4	SO312	.04150	6.1424	1.0	F
5037	32564.72	33 52S	19 30E	111.6	187.7	3.090	-11.90	78.1	SO312	.04150	6.3630	1.0	F
5038	32571.12	34 3S	18 47E	109.5	187.7	2.872	-2.80	78.0	SO312	.04150	6.5547	0.6	V
5039	32575.12	34 3S	18 47E	111.2	187.8	2.872	-2.45	78.0	SO312	.04150	6.3753	0.6	A
9001	31154.52	62 48N	40 23E	82.8	194.1	1.332	-24.85	49.0	SO409	.07190	8.7159	0.6	F
9002	31160.52	62 48N	40 23E	82.3	193.9	1.475	-24.50	49.0	SO409	.07190	8.8066	0.6	A
9003	31173.32	61 40N	40 24E	76.0	193.5	1.687	-12.95	50.1	SO409	.07190	9.6494	0.4	V
9004	31176.12	61 4N	40 24E	76.7	193.5	1.687	-12.60	50.1	SO409	.07190	9.4498	0.4	A
9005	31207.32	59 10N	38 50E	79.0	192.6	1.687	-19.95	52.2	SO409	.07190	9.1529	0.8	F
9006	31212.92	59 10N	38 50E	78.6	192.5	1.810	-19.60	52.2	SO409	.07190	9.2354	0.4	A
9007	31223.32	58 50N	38 49E	75.3	192.2	1.810	-8.40	53.3	SO409	.09670	9.6147	0.6	F
9008	31226.12	58 50N	38 48E	74.3	192.2	1.810	-8.40	53.3	SO409	.09670	9.8538	0.6	V
9009	31247.12	56 29N	38 5E	75.0	191.7	2.033	-9.10	54.7	SO409	.07190	9.6559	0.6	F
9010	31252.52	56 29N	38 5E	74.8	191.6	2.033	-8.75	54.7	SO409	.07190	9.7054	0.6	A
9011	31266.72	55 10N	37 13E	77.0	191.3	1.810	-17.15	55.7	SO409	.07190	9.3756	0.6	F
9012	31272.12	55 11N	37 13E	76.8	191.2	2.033	-17.15	55.7	SO409	.07190	9.4494	0.6	A
9013	31290.52	53 54N	36 31E	77.7	190.8	2.033	-19.95	57.0	SO409	.07190	9.3113	0.6	F
9014	31293.32	53 54N	36 31E	76.6	190.8	2.033	-19.60	57.0	SO409	.07190	9.5652	0.6	V

Handle via
BYEMAN Channels
BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1328 9015	31316.32	51 46N	36 16E	74.3	190.4	2.170	-9.45	58.6	S0409	.07190	9.7301	1.0	F
9016	31321.72	51 46N	36 16E	74.1	190.3	2.170	-8.75	58.6	S0409	.07190	9.7879	0.8	A
9017	31337.12	50 32N	35 47E	73.6	190.1	2.170	-11.20	59.6	S0409	.07190	9.9528	0.4	V
9018	31339.72	50 33N	35 47E	74.4	190.1	2.170	-10.85	59.6	S0409	.07190	9.7549	0.4	A
9019	31348.52	49 35N	35 29E	74.3	189.9	2.170	-10.85	60.3	S0409	.07190	9.7301	0.8	F
9020	31353.72	49 35N	35 29E	74.1	189.9	2.385	-10.50	60.3	S0409	.07190	9.7879	1.0	A
9021	31361.72	48 36N	35 50E	75.0	189.7	2.385	9.10	61.3	S0409	.07190	9.6642	1.0	F
9022	31367.12	48 36N	35 50E	75.1	189.7	2.385	9.80	61.3	S0409	.07190	9.6394	1.0	A
9023	31372.52	47 34N	35 20E	73.5	189.6	2.511	8.35	61.8	S0409	.07190	9.8621	0.8	F
9024	31377.92	47 35N	35 19E	73.4	189.5	2.385	1.05	61.8	S0409	.07190	9.8703	0.8	A
9025	31412.32	45 3N	35 24E	85.0	189.1	2.385	27.65	64.3	S0409	.05410	8.5674	0.6	F
9026	31415.32	45 3N	35 24E	84.4	189.1	2.170	28.35	64.3	S0409	.05410	8.7076	0.6	V
9027	31430.92	38 9N	38 55E	74.3	187.4	3.090	3.15	71.7	S0409	.04090	9.7466	0.8	F
9028	31436.32	38 8N	38 55E	74.4	187.4	3.090	3.85	71.7	S0409	.04090	9.7219	0.8	A
9029	32570.92	34 0S	18 48E	109.5	187.7	2.872	-2.60	28.0	S0409	.07190	6.5554	0.6	V
9030	32576.12	34 0S	18 47E	111.1	187.8	2.872	-2.45	28.0	S0409	.07190	6.3740	0.6	A
1329 9001	36599.92	53 36N	14 33E	76.4	190.5	2.033	-16.10	57.0	S0312	.04150	9.7207	0.6	V
9002	36601.52	53 29N	14 31E	75.3	190.6	2.033	-16.10	57.1	S0312	.04150	9.7290	1.0	V
9003	36617.12	52 42N	14 35E	72.9	190.5	2.170	-3.15	58.2	S0312	.04150	10.0505	0.6	V
9004	36641.92	50 52N	13 39E	74.5	190.1	2.170	-11.90	59.6	S0312	.03150	9.7043	0.6	F
9005	36656.12	49 49N	13 23E	73.5	189.9	2.170	-11.90	60.2	S0312	.03150	9.9681	0.4	V
9006	36658.72	49 49N	13 23E	74.3	189.9	2.385	-11.90	60.2	S0312	.03150	9.7785	0.6	A
9007	36663.52	49 50N	13 16E	74.1	189.8	2.385	-10.85	60.5	S0312	.03150	9.8114	0.6	A
9008	36691.52	47 47N	13 14E	73.9	189.5	2.385	6.30	62.2	S0312	.03150	9.8197	0.6	A
9009	36699.32	46 56N	13 51E	85.7	189.4	2.170	30.10	63.1	S0312	.03150	8.5664	0.6	V
9010	36743.52	43 40N	11 15E	77.5	188.9	2.385	-23.45	64.5	S0312	.03150	9.4652	0.6	V
9011	36746.32	43 40N	11 15E	78.2	188.8	2.385	-23.10	64.5	S0312	.03150	9.5003	0.6	A
9012	36841.12	36 01N	10 11E	73.2	188.0	2.872	-1.40	69.1	S0312	.03150	9.9104	0.4	F
9013	36846.52	36 00N	10 11E	73.3	188.0	2.872	-0.79	69.1	S0312	.03150	9.9021	0.6	A
9001	36596.32	54 14N	15 42E	76.3	191.1	2.170	7.70	56.7	S0409	.07190	9.6312	1.0	F
9002	36591.72	54 14N	15 42E	75.3	191.0	2.170	8.40	56.7	S0409	.07190	9.6147	1.0	A
9003	36606.12	53 26N	14 26E	75.4	190.7	2.033	-13.65	57.6	S0409	.07190	9.5417	0.6	F
9004	36611.52	52 52N	14 26E	75.1	190.6	2.170	-12.95	57.6	S0409	.07190	9.6477	0.8	A
9005	36620.52	51 50N	14 23E	73.8	190.5	2.170	-4.90	58.5	S0409	.07190	9.7961	0.8	F
9006	36625.72	51 50N	14 23E	73.7	190.4	2.170	-4.20	58.5	S0409	.07190	9.8373	0.8	A
9007	36631.32	51 13N	14 14E	73.5	190.3	2.385	-1.75	59.1	S0409	.07190	9.8456	1.0	F
9008	36636.72	51 14N	14 14E	73.5	190.2	2.385	-1.05	59.1	S0409	.07190	9.8703	0.8	A
9009	36647.72	50 41N	13 12E	77.4	190.0	2.033	-22.40	59.6	S0409	.07190	9.4663	0.6	V
9010	36650.52	50 41N	13 12E	78.1	190.0	2.033	-22.05	59.6	S0409	.07190	9.2931	0.6	A
9011	37165.72	14 59N	5 17E	81.5	186.6	3.439	-20.65	68.6	S0409	.05410	8.6808	1.0	A
1330 5001	41889.32	54 07N	5 56W	77.1	191.1	2.033	16.10	56.4	S0312	.03150	9.5064	0.6	V
5002	41892.12	54 07N	5 56W	78.2	191.1	2.033	16.45	56.4	S0312	.03150	9.2755	0.8	A
5003	41904.72	53 41N	6 13W	80.5	190.8	2.170	21.00	57.6	S0312	.03150	9.0282	0.4	F
5004	41910.52	53 41N	6 13W	80.8	190.7	2.033	21.70	57.6	S0312	.03150	8.9622	0.8	A
5005	42475.52	14 49N	17 14W	90.4	186.6	3.211	-33.25	68.2	S0312	.03150	8.0140	1.0	A
1331 5001	48085.51	6 11S	42 50W	96.5	186.5	3.574	-28.50	53.1	S0312	.03150	7.4534	1.0	A
5002	48131.11	9 44S	41 51W	106.2	186.5	2.511	24.40	51.8	S0312	.03150	6.8350	0.8	V
5003	48156.11	11 24S	42 30W	97.2	186.5	2.872	18.20	49.3	S0312	.03150	7.4616	0.8	V
5004	48164.51	11 49S	42 2W	115.1	186.6	2.170	33.95	49.3	S0312	.02260	6.1919	1.0	A
5005	48327.31	23 13S	45 51W	105.5	187.0	3.211	-20.65	38.0	S0312	.03150	6.7608	0.8	F
5006	48331.11	23 14S	45 51W	104.5	187.0	3.439	-20.65	38.0	S0312	.03150	6.9092	0.8	V
5007	48334.91	23 14S	45 51W	105.8	187.0	3.439	-20.30	38.0	S0312	.03150	6.7525	1.0	A
9001	48306.91	21 50S	44 58W	99.4	186.9	3.211	-1.40	39.5	S0409	.07190	7.1304	1.0	F
9002	48314.91	22 29S	44 39W	103.7	186.9	3.090	11.90	39.1	S0409	.05410	6.9018	0.8	F
9003	48318.71	22 29S	44 33W	103.0	186.9	2.872	12.60	39.1	S0409	.07190	7.0490	0.8	V
9004	48331.11	23 10S	45 51W	104.5	187.0	3.439	-20.65	38.0	S0409	.05410	6.9100	0.6	V
9005	48334.91	23 14S	45 52W	105.8	187.0	3.439	-20.30	38.0	S0409	.05410	6.7533	0.6	A
1332 5001	53541.11	16 56S	63 45W	99.9	186.7	3.090	10.50	44.5	S0312	.03150	7.2060	0.6	A
5002	53548.51	17 21S	65 48W	97.7	186.7	2.872	13.65	43.8	S0312	.03150	7.4121	0.8	V
5003	53811.51	35 27S	69 34W	111.8	187.8	2.733	6.65	26.9	S0312	.02260	6.3650	0.4	F
5004	53819.71	36 27S	69 34W	112.8	187.9	2.733	7.35	26.9	S0312	.02260	6.2578	0.6	A
5005	53865.71	38 01S	70 25W	115.2	188.2	2.733	4.20	23.9	S0312	.04150	6.1259	0.8	A
9001	53083.71	14 39N	60 60W	79.3	186.6	3.439	-17.50	68.6	S0409	.05410	9.2106	1.4	V
9002	53632.51	22 44S	67 41W	100.7	187.0	3.439	-15.05	33.5	S0409	.05410	7.0852	1.2	A
9003	53811.31	35 26S	69 34W	111.8	187.8	2.733	6.65	26.9	S0409	.07190	6.3658	0.6	F
9004	53819.51	36 26S	69 34W	112.7	187.9	2.733	7.35	26.9	S0409	.07190	6.2586	0.6	A
9005	53896.51	41 11S	70 53W	117.2	188.5	2.511	7.70	21.4	S0409	.04090	6.0524	1.0	F
9006	53905.11	41 11S	70 53W	118.3	188.6	2.385	8.75	21.5	S0409	.04090	5.9452	1.0	A
1333 5001	57970.31	43 16N	77 36W	84.0	188.8	2.170	-31.85	64.7	S0312	.03150	8.5429	2.2	F
5002	57976.31	43 16N	77 37W	83.6	188.8	2.385	-31.50	64.7	S0312	.03150	8.7149	2.2	A
5003	58053.51	37 39N	77 27W	78.9	188.1	2.511	21.00	69.0	S0312	.03150	9.3085	0.4	V
5004	58056.51	37 39N	77 27W	80.1	188.1	2.511	21.35	69.0	S0312	.03150	9.0447	0.6	A
9001	57970.11	43 17N	77 36W	84.1	188.8	2.170	-31.85	64.7	S0409	.05410	8.5839	2.4	F
9002	57976.11	43 17N	77 37W	83.6	188.8	2.385	-31.50	64.7	S0409	.05410	8.7159	2.4	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1333 9003	58053.51	37 56N	77 27W	78.9	188.1	2.511	21.00	69.0	S0409	.05410	9.3096	0.6	V
9004	58056.51	37 56N	77 27W	80.0	188.1	2.511	21.35	69.0	S0409	.05410	9.0457	0.6	A
9005	58268.91	22 56N	82 15W	93.1	187.0	2.511	-39.20	70.9	S0409	.05410	7.8500	0.4	V
9006	58272.31	22 56N	82 15W	94.0	186.9	2.733	-39.20	70.9	S0409	.05410	7.7346	0.4	A
1334 5001	63394.51	34 56N	100 52W	72.8	187.8	2.872	-4.55	69.9	S0312	.02260	9.9516	0.6	F
5002	63399.71	34 56N	100 52W	72.8	187.8	2.872	-3.85	69.9	S0312	.02260	9.9549	0.6	A
9001	63394.51	34 56N	100 52W	72.8	187.8	2.872	-4.55	69.9	S0409	.05410	9.9528	0.6	F
9002	63399.71	34 56N	100 52W	72.8	187.8	2.872	-3.85	69.9	S0409	.05410	9.9610	0.6	A
1339 5001	3038.29	68 49N	161 26E	83.5	197.9	0.986	-23.10	43.4	S0312	.04150	8.6624	0.4	F
5002	3044.29	68 49N	161 22E	83.8	197.6	1.113	-23.80	43.4	S0312	.03150	8.6571	0.6	A
9001	3358.49	47 8N	152 17E	75.0	189.4	2.385	13.30	62.4	S0409	.05410	9.7796	0.4	V
9002	3361.29	47 8N	152 17E	76.0	189.4	2.385	13.65	62.4	S0409	.05410	9.5240	0.4	A
1340 5001	8735.49	42 26N	128 9E	72.9	188.7	2.733	-0.75	65.5	S0312	.03150	9.9436	0.4	F
5002	8742.69	41 56N	128 25E	72.8	188.6	2.733	5.25	66.1	S0312	.03150	9.9681	0.6	F
5003	8747.89	41 36N	128 35E	73.1	188.6	2.733	6.30	66.1	S0312	.03150	9.9351	0.6	A
5004	8756.09	41 19N	129 1E	85.2	188.5	2.170	30.10	66.9	S0312	.03150	8.5005	0.4	A
5005	8768.09	40 14N	127 37E	72.9	188.4	2.733	-7.35	67.0	S0312	.03150	9.9351	0.6	F
5006	8773.29	40 14N	127 37E	72.9	188.4	2.733	-6.65	67.0	S0312	.03150	9.9661	0.6	A
5007	8780.29	39 56N	127 27E	72.9	188.3	2.733	-5.95	67.5	S0312	.04150	9.9434	0.4	F
5008	8782.89	39 56N	127 27E	72.8	188.3	2.733	-5.60	67.5	S0312	.04150	10.1425	0.4	V
5009	8788.89	39 9N	127 24E	72.8	188.2	2.733	-4.55	67.7	S0312	.03150	9.5346	1.4	A
5010	8794.89	38 44N	127 24E	72.4	188.2	2.872	-1.05	68.0	S0312	.03150	10.0541	0.6	A
5011	9428.09	5 7S	119 28E	91.9	186.4	3.090	15.05	54.8	S0312	.03150	7.8906	0.8	V
5012	9431.49	5 7S	119 28E	93.5	186.4	3.090	15.40	54.8	S0312	.03150	7.6513	0.8	A
9001	8769.09	40 13N	127 37E	73.0	188.4	2.733	-7.35	67.0	S0409	.07190	9.9363	0.6	F
9002	8773.29	40 13N	127 37E	72.9	188.4	2.733	-6.65	67.0	S0409	.07190	9.9693	0.6	A
9003	8782.89	39 53N	127 26E	72.8	188.3	2.733	-5.60	67.5	S0409	.09670	10.1847	0.4	V
9004	8785.49	39 53N	127 26E	72.8	188.3	2.733	-5.25	67.5	S0409	.09670	9.9610	0.4	A
9005	8802.09	39 0N	126 44E	75.4	188.1	2.733	-19.95	68.0	S0409	.07190	9.7219	0.6	V
9006	8804.89	38 56N	126 44E	76.2	188.1	2.733	-19.60	68.0	S0409	.07190	9.5322	0.4	A
9007	8819.69	36 43N	126 11E	80.5	188.0	2.511	-27.30	68.6	S0409	.05410	8.9550	1.0	F
9008	8825.49	36 43N	126 11E	80.1	188.0	2.733	-26.95	68.6	S0409	.05410	9.0705	0.8	A
1341 5001	13911.89	51 56N	107 45E	87.7	190.4	1.687	-35.70	58.1	S0312	.03150	8.3521	0.6	V
5002	13915.09	51 56N	107 45E	88.3	190.3	1.687	-35.35	58.1	S0312	.03150	8.2449	0.6	A
5003	13966.29	47 56N	106 52E	81.2	189.6	2.033	-28.70	61.3	S0312	.03150	8.8962	0.6	F
5004	13973.29	47 23N	107 2AE	72.6	189.5	2.385	-7.35	62.0	S0312	.03150	9.9846	0.6	F
5005	13978.49	47 23N	107 2AE	72.5	189.4	2.511	-6.65	62.0	S0312	.03150	10.0258	0.6	A
5006	14004.09	46 49N	106 9E	82.7	189.1	2.170	-31.15	62.9	S0312	.03260	8.8220	0.4	A
5007	14131.29	36 44N	104 35E	71.9	188.0	2.872	-9.45	68.9	S0312	.03150	10.2154	0.6	V
5008	14134.09	36 43N	104 35E	72.7	188.0	2.872	-9.10	68.9	S0312	.03150	10.0011	0.4	A
9001	13761.09	61 49N	113 9E	76.3	193.7	1.687	-10.50	49.8	S0409	.07190	9.4745	1.0	F
9002	13766.69	61 49N	113 8E	76.0	193.5	1.687	-10.15	49.8	S0409	.07190	9.5322	1.0	A
9003	13973.29	47 23N	107 2AE	72.6	189.5	2.385	-7.35	62.0	S0409	.05410	9.9368	0.6	F
9004	13978.49	47 23N	107 2AE	72.4	189.4	2.511	-6.65	62.0	S0409	.05410	10.0270	0.6	A
9005	14128.69	36 44N	104 35E	72.7	188.0	2.872	-9.80	68.9	S0409	.07190	9.9528	0.4	F
9006	14131.29	36 44N	104 35E	71.8	188.0	2.872	-9.45	68.9	S0409	.07190	10.2166	0.4	V
9007	14140.89	35 57N	104 11E	73.7	187.9	2.733	-17.50	69.2	S0409	.07190	9.9445	0.4	V
9008	14145.49	35 57N	104 11E	74.5	187.9	2.733	-17.15	69.2	S0409	.07190	9.7466	0.4	A
9009	14202.09	31 44N	104 2AE	83.8	187.5	2.511	27.65	71.7	S0409	.05410	8.7654	1.0	V
9010	14205.29	31 44N	104 2AE	85.1	187.5	2.511	28.00	71.7	S0409	.05410	8.4952	0.8	A
9011	14217.29	30 44N	103 50E	77.9	187.5	2.872	18.20	71.8	S0409	.05410	9.4168	0.6	V
9012	14220.09	30 44N	103 50E	79.0	187.5	2.872	18.55	71.8	S0409	.05410	9.1447	0.6	A
9013	14228.49	29 46N	103 29E	74.9	187.4	3.090	6.65	71.8	S0409	.05410	9.6807	0.6	F
9014	14231.29	29 46N	103 29E	74.2	187.4	3.090	7.00	71.8	S0409	.05410	9.8868	0.6	V
9015	14239.69	29 15N	103 4E	72.7	187.4	3.090	-4.90	71.7	S0409	.05410	10.0347	0.4	V
9016	14242.29	29 15N	103 4E	73.6	187.3	3.090	-4.55	71.7	S0409	.05410	9.8558	0.4	A
9017	14259.69	27 56N	102 13E	79.5	187.3	2.872	-26.95	71.4	S0409	.05410	9.2024	0.4	V
9018	14262.69	27 56N	102 13E	80.3	187.2	3.090	-26.95	71.4	S0409	.05410	9.0375	0.4	A
9019	14286.89	25 57N	102 50E	76.5	187.1	3.090	13.30	72.4	S0409	.07190	9.7136	0.6	V
9020	14289.69	25 57N	102 49E	76.2	187.1	3.090	12.95	72.4	S0409	.05410	9.4745	0.6	A
9021	14298.29	24 57N	102 48E	79.7	187.1	3.090	18.90	72.5	S0409	.05410	9.1199	0.4	F
9022	14301.09	24 57N	102 48E	79.0	187.1	2.872	19.60	72.5	S0409	.05410	9.2766	0.6	V
9023	14305.49	24 56N	102 52E	82.0	187.1	2.872	23.80	72.6	S0409	.07190	8.9385	0.8	V
9024	14308.49	24 56N	102 52E	83.3	187.0	2.872	24.15	72.6	S0409	.07190	8.6684	0.8	A
1342 5001	19158.48	55 56N	89 42E	86.5	191.5	2.033	27.65	55.6	S0312	.04150	8.6087	0.4	F
5002	19161.48	55 26N	89 40E	86.3	191.4	2.033	28.70	55.8	S0312	.03150	8.4263	0.4	F
5003	19163.48	55 10N	89 39E	86.3	191.4	2.033	28.70	55.9	S0312	.03150	8.4263	0.4	F
5004	19166.48	55 10N	89 38E	85.4	191.3	1.810	20.05	55.9	S0312	.03150	8.6077	0.6	V
5005	19169.88	55 0N	89 25E	83.9	191.3	2.033	27.30	56.0	S0312	.03150	8.7396	0.4	V
5006	19172.88	55 0N	89 26E	85.3	191.2	1.810	28.00	56.0	S0312	.03150	8.4922	0.6	A
5007	19188.48	53 49N	87 15E	75.3	190.9	2.033	-14.00	56.8	S0312	.04150	9.6053	0.8	F
5008	19194.88	53 47N	87 2E	77.0	190.8	2.033	-13.55	56.8	S0312	.03150	9.4569	0.6	A
5009	19586.88	26 26N	80 26E	74.4	187.2	3.211	-3.85	72.0	S0312	.04150	9.7372	0.6	F
5010	19592.08	26 27N	80 25E	74.6	187.2	3.211	-3.15	72.0	S0312	.03150	9.7290	0.8	A

Handle via
BYEMAN Channels
BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1342 9001	19169.88	55 5N	89 25E	83.9	191.3	2.033	27.30	56.1	S0409	.07190	8.7406	0.4	V
9002	19172.88	55 5N	89 26E	85.3	191.2	1.810	26.00	56.1	S0409	.05410	8.4932	0.4	A
9003	19188.48	53 49N	87 15E	75.4	190.9	2.033	-14.00	56.8	S0409	.07190	9.6064	1.0	F
9004	19436.48	36 40N	82 53E	72.7	188.0	2.872	6.60	69.1	S0409	.07190	9.9858	0.6	F
9005	19441.68	36 40N	82 53E	72.9	188.0	2.872	6.65	69.2	S0409	.07190	9.9863	0.6	A
9006	19586.68	26 27N	80 25E	74.5	187.2	3.211	-3.85	72.0	S0409	.07190	9.7384	0.8	F
9007	19592.08	26 27N	80 24E	74.5	187.2	3.211	-3.15	72.0	S0409	.07190	9.7301	0.8	A
9008	19721.48	17 24N	78 31E	76.4	186.7	3.211	-10.15	70.0	S0409	.07190	9.5755	0.6	V
9009	19724.28	17 24N	78 31E	77.3	186.7	3.439	-10.15	70.0	S0409	.05410	9.3508	0.6	A
9010	19781.68	13 1N	77 39E	79.6	186.6	3.439	-14.35	67.8	S0409	.05410	9.0795	0.6	F
9011	19787.48	13 1N	77 39E	79.5	186.6	3.439	-13.30	67.8	S0409	.05410	9.0952	0.6	A
9012	19849.08	8 54N	76 52E	81.1	186.5	3.439	-13.65	65.0	S0409	.05410	9.0045	0.6	V
9013	19852.08	8 54N	76 52E	82.0	186.5	3.439	-12.95	65.0	S0409	.05410	8.8066	0.6	A
1343 5001	24429.48	59 14N	68 21E	79.6	192.3	2.033	18.20	53.2	S0312	.03150	9.1189	0.4	F
5002	24435.08	58 10N	68 17E	79.0	192.2	1.810	17.50	53.2	S0312	.04150	9.1348	0.8	A
5003	24449.08	57 7N	65 43E	84.5	191.9	1.475	-29.75	53.8	S0312	.03150	8.5335	0.6	F
5004	24452.08	57 7N	65 42E	83.5	191.8	1.475	-29.75	53.8	S0312	.03150	8.7643	0.6	V
5005	24455.68	56 59N	65 39E	83.7	191.7	1.475	-30.10	54.0	S0312	.03150	8.7496	0.6	V
5006	24458.68	56 59N	65 39E	84.8	191.7	1.687	-30.45	54.0	S0312	.03150	8.5829	0.6	A
5007	24472.88	55 49N	65 20E	80.4	191.4	1.687	-24.50	55.2	S0312	.03150	8.9952	0.6	F
5008	24475.68	55 49N	65 20E	79.2	191.3	1.687	-24.15	55.2	S0312	.03150	9.2506	0.6	V
5009	24525.88	51 51N	64 13E	77.1	190.4	2.033	-19.60	58.3	S0312	.03150	9.3827	0.8	F
5010	24531.48	51 51N	64 13E	76.9	190.3	2.170	-19.25	58.3	S0312	.03150	9.4569	0.8	A
5011	24605.28	46 10N	63 54E	81.4	189.3	2.511	23.45	63.2	S0312	.03150	8.9457	0.6	F
5012	24608.28	46 10N	63 54E	80.7	189.3	2.511	23.80	63.2	S0312	.03150	9.1024	0.4	V
5013	24733.08	37 40N	61 56E	91.0	188.1	2.385	34.65	69.2	S0312	.02260	8.0635	1.0	V
5014	24736.48	37 39N	61 54E	92.3	188.1	2.170	35.00	69.2	S0312	.02260	7.8491	0.8	A
5015	24753.08	36 38N	59 35E	83.5	188.0	2.511	-31.85	68.7	S0312	.03150	8.6407	0.5	F
5016	24756.08	36 38N	59 35E	82.3	187.9	2.511	-31.50	68.7	S0312	.03150	8.4962	0.5	V
5017	25008.28	19 54N	56 16E	82.4	186.8	3.090	-26.25	70.2	S0312	.03150	8.8798	0.8	V
9001	24475.68	55 49N	65 20E	79.2	191.3	1.687	-24.15	55.3	S0409	.07190	9.2519	0.6	V
9002	24478.68	55 49N	65 20E	79.9	191.2	1.687	-23.80	55.3	S0409	.07190	9.0952	0.4	A
9003	24525.88	51 51N	64 13E	77.1	190.4	2.033	-19.60	58.3	S0409	.07190	9.3858	0.8	F
9004	24531.28	51 52N	64 13E	76.8	190.3	2.170	-19.25	58.3	S0409	.07190	9.4560	1.0	A
9005	24615.08	46 4N	63 19E	74.6	189.2	2.511	9.45	63.2	S0409	.07190	9.7136	0.6	A
9006	24978.28	21 7N	56 58E	77.6	186.9	3.211	-15.05	71.2	S0409	.05410	9.3343	0.8	A
1344 5001	29766.88	56 26N	43 53E	77.9	191.6	1.810	-17.50	54.5	S0312	.04150	9.3909	1.6	F
5002	29772.28	56 24N	43 53E	76.8	191.5	1.810	-17.15	54.5	S0312	.04150	9.4569	1.6	A
5003	29774.48	56 23N	43 49E	76.3	191.5	1.810	-17.15	54.7	S0312	.04150	9.4652	0.4	A
5004	29886.48	48 20N	41 48E	72.9	189.7	2.385	5.25	61.4	S0312	.03150	10.0548	0.6	V
5005	29895.28	47 59N	42 24E	83.9	189.5	2.170	24.00	62.2	S0312	.03150	9.7561	0.4	V
5006	29898.28	47 59N	42 24E	85.2	189.5	2.170	28.35	62.2	S0312	.03150	9.5170	1.0	A
5007	30103.48	33 50N	36 42E	87.5	187.7	2.385	-36.40	69.7	S0312	.01710	9.3686	1.0	V
5008	30106.68	33 50N	36 42E	88.2	187.7	2.385	-36.05	69.7	S0312	.01710	9.2551	1.0	A
5009	30618.88	1 50S	30 4E	104.6	186.4	3.090	-37.80	56.5	S0312	.02260	8.9587	0.8	V
5010	30622.68	1 50S	30 4E	105.1	186.4	3.439	-37.45	56.5	S0312	.02260	8.8762	0.8	A
5011	30971.08	26 11S	27 44E	119.0	187.1	2.385	26.95	56.0	S0312	.03150	9.0435	0.6	V
5012	30975.48	26 11S	27 45E	121.4	187.2	2.170	27.65	56.0	S0312	.03150	9.8291	0.6	A
9001	29467.48	76 14N	62 42E	78.7	207.6	0.776	-5.95	56.0	S0409	.09670	9.2849	0.4	V
9002	29470.28	76 13N	62 42E	79.5	207.4	0.776	-5.95	56.0	S0409	.09670	9.0952	0.4	A
9003	29549.48	70 51N	54 10E	77.9	200.0	1.113	-6.30	41.4	S0409	.07190	9.2684	1.0	F
9004	29555.08	70 51N	54 10E	77.7	199.8	1.113	-5.95	41.4	S0409	.07190	9.3261	1.0	A
9005	29697.08	61 4N	46 53E	75.1	193.4	1.687	0.70	50.6	S0409	.07190	9.6394	0.8	F
9006	29702.48	61 4N	46 53E	75.0	193.2	1.687	1.05	50.6	S0409	.07190	9.6642	0.8	A
9007	29767.28	56 41N	43 53E	77.0	191.6	1.810	-17.50	54.6	S0409	.07190	9.3920	1.0	F
9008	29772.88	56 41N	43 52E	76.8	191.5	1.810	-17.15	54.6	S0409	.07190	9.4580	0.8	A
9009	29781.08	55 46N	43 53E	74.7	191.4	2.033	-10.85	55.1	S0409	.07190	9.7054	1.2	A
9010	29789.08	54 53N	43 16E	76.9	191.2	1.810	-17.85	55.8	S0409	.07190	9.3920	1.0	F
9011	29794.68	54 52N	43 16E	76.5	191.1	2.033	-17.50	55.8	S0409	.07190	9.4428	0.8	A
9012	29839.68	51 26N	41 57E	77.2	190.3	2.033	-19.95	58.6	S0409	.07190	9.3591	0.6	F
9013	29842.48	51 26N	41 57E	76.1	190.3	2.033	-19.60	58.7	S0409	.07190	9.6312	0.6	V
9014	29920.48	45 59N	40 7E	74.8	189.2	2.170	-24.15	62.9	S0409	.07190	9.1529	1.0	F
9015	29926.08	45 59N	40 7E	78.4	189.2	2.385	-23.80	62.9	S0409	.07190	9.2684	1.0	A
9016	29958.48	43 16N	40 17E	73.6	188.8	2.733	4.90	65.2	S0409	.09670	9.8538	0.6	F
9017	29963.68	43 14N	40 17E	73.7	188.8	2.733	5.60	65.2	S0409	.09670	9.8291	0.8	A
9018	30085.48	34 30N	37 39E	74.3	187.8	2.872	-13.30	69.8	S0409	.04090	9.7384	0.8	F
9019	30090.68	34 29N	37 39E	74.1	187.8	2.872	-12.60	69.9	S0409	.04090	9.7879	1.0	A
9020	30097.88	33 57N	36 52E	84.7	187.7	2.511	-33.95	69.7	S0409	.04090	8.6334	0.8	V
9021	30119.68	32 42N	37 10E	74.2	187.6	2.872	-12.25	70.8	S0409	.04090	9.7384	1.0	F
9022	30125.08	32 41N	37 9E	74.9	187.6	3.090	-11.55	70.8	S0409	.04090	9.7981	0.8	A
9023	30130.68	31 56N	36 57E	74.3	187.5	2.872	-15.40	70.9	S0409	.07190	9.6538	1.0	V
1345 5001	34908.87	67 37N	30 32E	82.3	197.0	1.332	20.30	44.6	S0312	.04150	8.8056	0.4	A
5002	35086.27	55 25N	22 32E	76.1	191.4	2.170	11.55	55.6	S0312	.04150	9.5394	0.6	F
5003	35089.07	55 25N	22 32E	75.3	191.3	2.170	11.90	55.6	S0312	.04150	9.7372	0.4	V
5004	35091.07	55 17N	22 29E	75.3	191.3	2.170	11.90	55.7	S0312	.04150	9.7372	0.4	V
5005	35093.67	55 17N	22 27E	76.1	191.2	2.170	11.55	55.7	S0312	.04150	9.5394	0.6	A
5006	35108.87	54 26N	20 33E	82.0	191.0	1.810	-27.65	56.1	S0312	.03150	8.8556	0.6	A
5007	35123.47	52 51N	21 51E	79.8	190.7	2.170	20.30	57.9	S0312	.03150	9.0941	0.6	F
5008	35126.27	52 51N	21 51E	79.0	190.7	2.170	20.65	57.9	S0312	.03150	9.2673	0.6	V
5009	35131.87	52 49N	21 12E	74.8	190.6	2.385	8.40	58.2	S0312	.03150	9.7043	1.4	F

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1345 5010	35137.27	52 20N	21 12E	75.0	190.5	2.170	9.45	58.2	S0312	.03150	9.6795	1.4	A
5011	35146.07	51 42N	21 28E	81.0	190.3	2.033	22.75	59.9	S0312	.03150	8.9457	0.6	A
5012	35151.87	50 57N	20 52E	76.1	190.2	2.385	13.30	59.4	S0312	.03150	9.5394	0.4	F
5013	35158.47	50 54N	20 39E	74.7	190.1	2.170	8.75	59.4	S0312	.03150	9.7207	1.0	A
5014	35183.07	49 7N	19 19E	73.4	189.8	2.170	-13.30	60.6	S0312	.03150	9.9763	0.6	V
5015	35187.67	48 50N	19 23E	73.1	189.7	2.385	-7.00	61.0	S0312	.03150	9.9021	0.6	F
5016	35193.07	48 50N	19 23E	73.1	189.7	2.385	-6.30	61.1	S0312	.03150	9.9434	0.6	A
5017	35200.07	47 47N	18 45E	76.0	189.6	2.170	-18.20	61.5	S0312	.03150	9.5146	0.6	F
5018	35202.87	47 46N	18 45E	75.0	189.5	2.170	-17.85	61.5	S0312	.03150	9.7702	0.4	V
5019	35227.67	46 4N	18 14E	75.0	189.2	2.385	-18.55	62.8	S0312	.03150	9.7702	0.6	V
5020	35236.47	45 22N	19 1E	74.8	189.1	2.511	12.95	63.7	S0312	.03150	9.8032	0.6	V
5021	35239.27	45 22N	19 1E	75.9	189.1	2.511	13.30	63.7	S0312	.03150	9.5641	0.6	A
5022	35243.47	44 50N	18 50E	74.3	189.1	2.511	11.55	64.1	S0312	.03150	9.8692	0.6	V
5023	35246.27	44 50N	18 50E	75.3	189.0	2.511	11.90	64.1	S0312	.03150	9.6301	0.4	A
5024	35255.27	44 11N	17 39E	75.6	188.9	2.385	-20.65	64.1	S0312	.03150	9.6960	0.6	V
5025	35258.07	44 11N	17 39E	76.4	188.9	2.385	-20.30	64.1	S0312	.03150	9.5229	0.6	A
5026	35263.87	43 26N	17 49E	73.2	188.8	2.511	-8.40	64.9	S0312	.03150	9.8774	0.4	F
5027	35269.07	43 26N	17 50E	73.1	188.8	2.511	-7.35	64.9	S0312	.03150	9.9186	0.6	A
5028	35278.47	42 41N	18 6E	74.2	188.7	2.511	6.05	65.6	S0312	.04150	9.7785	0.6	A
5029	35508.67	26 50N	13 10E	90.2	187.2	2.511	-36.75	71.2	S0312	.01710	7.9728	0.6	F
5030	35512.07	26 34N	13 10E	88.9	187.2	2.511	-36.40	71.2	S0312	.01710	8.2202	0.4	V
9001	34678.07	81 10N	64 27E	84.2	228.7	0.417	16.45	30.1	S0409	.07190	8.6829	0.8	V
9002	34681.07	81 10N	64 31E	85.3	227.7	0.417	16.80	30.1	S0409	.07190	8.4767	0.8	A
9003	34875.67	69 40N	31 55E	77.9	194.8	1.332	10.50	42.6	S0409	.09670	9.4003	0.4	V
9004	34878.47	69 40N	31 55E	78.7	194.8	1.332	10.50	42.6	S0409	.09670	9.1941	0.4	A
9005	35030.87	59 20N	24 4E	74.2	192.6	1.810	4.55	52.1	S0409	.07190	9.8786	0.8	V
9006	35033.67	59 22N	24 4E	75.0	192.5	1.810	4.90	52.1	S0409	.07190	9.6559	0.4	A
9007	35070.27	56 59N	23 19E	77.5	191.7	2.033	16.80	54.6	S0409	.07190	9.4663	0.8	V
9008	35073.07	56 59N	23 18E	78.5	191.7	2.033	17.15	54.6	S0409	.07190	9.2189	0.8	A
9009	35103.47	54 36N	20 36E	80.9	191.1	1.810	-27.30	56.0	S0409	.07190	9.0457	0.8	V
9010	35106.47	54 36N	20 36E	82.0	191.0	1.810	-27.65	56.0	S0409	.07190	8.8696	0.8	A
9011	35131.87	52 20N	21 11E	74.8	190.6	2.385	8.40	58.2	S0409	.07190	9.7054	0.8	F
9012	35137.27	52 20N	21 12E	75.0	190.5	2.170	9.45	58.2	S0409	.07190	9.6807	0.4	A
9013	35165.47	50 7N	19 47E	73.7	190.0	2.385	-9.45	59.8	S0409	.07190	9.8126	0.8	F
9014	35170.67	50 7N	19 48E	73.5	190.0	2.385	-8.75	59.8	S0409	.07190	9.6621	0.8	A
9015	35187.67	48 50N	19 23E	73.2	189.7	2.385	-7.00	61.0	S0409	.07190	9.9033	0.6	F
9016	35193.87	48 50N	19 23E	73.0	189.7	2.385	-6.30	61.0	S0409	.07190	9.9445	0.6	A
9017	35202.87	47 46N	18 45E	75.0	189.5	2.170	-17.85	61.6	S0409	.07190	9.7714	0.4	V
9018	35205.67	47 46N	18 45E	75.7	189.5	2.385	-17.85	61.6	S0409	.07190	9.5817	0.4	A
9019	35216.87	46 50N	18 52E	73.0	189.4	2.511	-4.20	62.6	S0409	.07190	9.9115	0.8	F
9020	35221.87	46 50N	18 52E	72.9	189.3	2.511	-3.50	62.6	S0409	.07190	9.9445	0.6	A
9021	35264.27	43 21N	17 49E	73.3	188.6	2.511	-8.40	64.9	S0409	.05410	9.8786	0.8	F
9022	35269.47	43 21N	17 49E	73.1	188.6	2.511	-7.35	64.9	S0409	.05410	9.9198	1.0	A
9023	35511.87	26 50N	13 10E	88.9	187.2	2.511	-36.40	71.2	S0409	.03090	8.2201	0.4	V
9024	35515.07	26 34N	13 10E	89.4	187.2	2.733	-36.05	71.2	S0409	.03090	8.1304	0.6	A
1346 5001	40476.67	49 42N	1 52W	74.4	196.0	2.385	7.70	60.3	S0312	.03150	9.7937	0.6	F
5002	40482.07	49 42N	1 53W	74.5	189.9	2.385	8.40	60.3	S0312	.03150	9.7990	0.6	A
1347 5001	46589.26	5 54S	35 16W	97.2	186.4	3.090	21.00	54.2	S0312	.03150	7.4204	0.6	F
5002	46592.66	5 54S	35 16W	96.7	186.5	2.872	21.70	54.3	S0312	.04150	7.5143	0.6	V
9001	46592.66	5 54S	35 16W	96.7	186.5	2.872	21.70	54.3	S0409	.05410	7.5202	0.6	V
9002	46596.26	5 54S	35 16W	98.4	186.5	2.872	22.05	54.3	S0409	.05410	7.2563	0.6	A
1348 5001	51836.26	1 20S	56 45W	92.3	186.4	2.872	18.20	57.9	S0312	.03150	7.7664	0.8	A
5002	51844.86	2 4S	56 39W	97.8	186.4	2.733	24.85	57.6	S0312	.03150	7.5050	1.0	A
5003	52000.26	12 40S	59 55W	99.8	186.6	3.439	-25.90	47.4	S0312	.03150	7.2535	0.8	V
5004	52012.06	13 34S	60 6W	101.4	186.6	3.439	-25.55	46.5	S0312	.03150	7.0494	1.0	F
5005	52044.86	15 52S	60 19W	98.6	186.7	3.439	-19.95	44.9	S0312	.03150	7.3379	1.0	V
5006	52083.66	18 40S	60 55W	103.1	186.8	3.439	-22.40	42.1	S0312	.03150	6.9257	1.0	F
5007	52217.26	27 14S	62 57W	116.8	187.2	3.211	-28.70	34.2	S0312	.03150	6.1012	1.0	A
5008	52229.86	28 0S	63 12W	119.1	187.5	3.211	-30.10	33.3	S0312	.03150	5.9858	1.0	A
5009	52284.26	32 26S	63 11W	108.9	187.5	3.090	-6.30	29.6	S0312	.04150	6.5299	0.6	F
5010	52288.26	32 26S	63 12W	107.9	187.6	3.090	-5.95	29.7	S0312	.04150	6.6556	0.6	V
5011	52299.06	33 0S	64 15W	120.0	187.7	3.090	-28.35	28.7	S0312	.03150	5.9775	1.0	V
5012	52303.46	33 0S	64 15W	121.2	187.7	3.090	-27.65	28.7	S0312	.03150	5.8703	1.0	A
9001	51852.26	2 04S	56 45W	97.8	186.4	2.733	24.50	57.1	S0409	.05410	7.2893	1.2	A
9002	51856.06	3 19S	57 42W	87.3	186.4	3.574	-7.00	56.0	S0409	.05410	8.2129	1.0	A
9003	52371.86	38 41S	62 16W	156.6	188.1	1.687	40.60	24.6	S0409	.05410	4.5434	1.0	F
9004	52377.66	38 42S	62 14W	156.5	188.2	1.475	41.30	24.6	S0409	.05410	4.5764	0.8	V
9005	52383.46	38 41S	62 17W	158.0	188.2	1.113	41.30	24.6	S0409	.05410	4.4444	1.0	A
9006	52575.96	51 04S	69 18W	129.5	190.4	2.385	-18.55	11.1	S0409	.09670	5.4917	1.0	V
9007	52580.86	51 05S	69 18W	131.2	190.4	2.385	-18.20	11.1	S0409	.09670	5.3515	1.0	A
9008	52604.66	53 43S	67 43W	135.2	190.4	1.687	19.25	9.7	S0409	.05410	5.2526	1.4	V
9009	52609.86	53 44S	67 44W	137.3	190.9	1.475	19.60	9.7	S0409	.05410	5.0476	1.4	A
9010	52615.86	54 46S	68 21W	134.1	191.0	1.687	15.40	8.7	S0409	.09670	5.2526	1.2	F
9011	52625.86	54 46S	68 22W	135.1	191.2	1.687	15.75	8.7	S0409	.09670	5.1701	1.2	A
1349 5001	55720.66	81 7N	64 27E	87.5	315.6	-0.416	-15.85	18.3	S0312	.05390	9.3273	1.0	V
5002	55723.86	81 7N	64 29E	88.6	314.6	-0.416	-15.40	18.3	S0312	.05390	8.1460	1.0	A
5003	56813.06	20 36N	75 42W	76.6	186.9	3.211	-15.05	71.1	S0312	.04150	9.5476	0.6	V

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1349 5004	56815.86	20 56N	75 42W	77.5	186.9	3.211	-14.70	71.1	S0312	.03150	9.3497	0.6	A
5005	56823.86	19 54N	75 46W	76.9	186.8	3.211	-11.55	70.9	S0312	.03150	9.4157	0.4	F
5006	56826.66	19 53N	75 47W	75.9	186.8	3.211	-11.20	70.9	S0312	.03150	9.6388	0.4	V
5007	57160.86	3 14S	79 57W	88.3	186.4	3.574	-14.35	55.9	S0312	.03150	8.1377	0.6	F
5008	57163.86	3 26S	79 58W	88.0	186.4	3.574	-13.65	55.8	S0312	.03150	8.1707	0.4	F
5009	57166.26	3 31S	79 57W	87.1	186.4	3.574	-12.25	55.7	S0312	.03150	8.3458	0.6	V
5010	57171.86	3 42S	80 3W	88.9	186.4	3.574	-15.05	55.7	S0312	.03150	8.0965	0.4	A
5011	57186.66	4 32S	81 13W	116.5	186.4	3.090	-44.45	54.2	S0312	.01710	6.2341	0.8	V
5012	57188.86	4 31S	81 13W	117.7	186.4	3.090	-44.10	54.2	S0312	.01710	6.1542	1.0	A
9001	56819.86	20 59N	75 41W	76.9	186.8	3.211	-12.25	71.1	S0409	.05410	9.4005	0.8	A
9002	56824.66	19 59N	75 47W	75.9	186.8	3.211	-11.20	70.9	S0409	.07190	9.6394	0.4	V
9003	56829.46	19 59N	75 46W	76.8	186.8	3.211	-10.50	70.9	S0409	.05410	9.4250	0.4	A
1350 5001	61867.26	37 54N	93 59W	72.9	188.1	2.872	-4.90	68.3	S0312	.03150	9.9599	0.8	F
5002	61872.66	37 53N	93 59W	72.8	188.1	2.872	-4.20	68.3	S0312	.03150	9.9763	0.6	A
9001	61867.26	37 53N	93 59W	72.8	188.1	2.872	-4.90	68.3	S0409	.07190	9.9610	0.5	F
9002	61872.46	37 54N	93 59W	72.8	188.1	2.872	-4.20	68.3	S0409	.07190	9.9775	0.8	A
1351 5001	67247.85	32 50N	117 1W	74.4	187.6	3.090	6.30	71.0	S0312	.03150	9.7702	0.6	F
5002	67253.25	32 49N	117 1W	74.7	187.6	2.872	7.35	71.0	S0312	.03150	9.7267	0.6	A
1355 5001	1574.64	67 53N	166 10E	90.3	196.9	0.986	-32.20	44.0	S0312	.03150	8.0305	0.8	A
5002	2693.24	9 27S	147 9E	97.5	186.5	3.090	17.50	51.1	S0312	.04150	7.3957	0.6	F
5003	2699.64	9 26S	147 14E	100.4	196.5	2.872	21.00	51.2	S0312	.03150	7.1256	1.0	A
9001	1722.04	57 54N	161 38E	74.7	192.0	1.210	-5.25	56.7	S0409	.07190	9.6889	1.0	F
9002	1727.44	57 54N	161 37E	74.5	191.9	1.210	-4.90	56.7	S0409	.07190	9.7391	1.0	A
9003	1791.44	52 50N	158 49E	83.2	190.6	1.210	-30.45	57.2	S0409	.07190	8.7983	0.4	V
9004	1796.44	52 50N	158 48E	84.1	190.6	1.210	-30.45	57.2	S0409	.07190	8.6334	0.4	A
9005	1801.44	52 49N	158 27E	85.7	190.5	1.647	-33.25	57.7	S0409	.07190	8.5510	0.8	V
9006	1804.64	52 49N	158 27E	86.3	190.4	1.647	-32.90	57.7	S0409	.07190	8.4190	0.4	A
1356 5001	7163.24	44 50N	135 23E	81.9	189.7	2.033	-28.35	60.7	S0312	.03150	8.8220	0.4	F
5002	7164.64	44 49N	135 22E	81.8	189.7	2.033	-27.65	60.8	S0312	.03150	8.8220	0.4	F
5003	7167.44	43 50N	135 21E	80.9	189.7	2.033	-28.35	60.8	S0312	.02240	9.0611	0.6	V
5004	7171.64	43 49N	135 4E	84.8	189.6	2.033	-33.25	60.9	S0312	.03150	8.6407	0.6	V
5005	7174.84	43 49N	135 4E	85.5	189.6	2.033	-32.90	60.9	S0312	.03150	8.5170	0.4	A
5006	7179.64	43 50N	134 58E	85.7	189.5	2.170	-33.25	61.2	S0312	.03150	8.4640	0.6	A
5007	7231.84	43 46N	135 17E	75.0	188.9	2.733	10.50	64.8	S0312	.04150	9.6795	0.6	F
5008	7237.24	43 46N	135 17E	75.3	188.9	2.511	11.55	64.8	S0312	.04150	9.6483	0.6	A
5009	7414.84	31 17N	131 5E	83.9	187.5	2.511	-31.15	70.5	S0312	.03150	8.5747	0.8	F
5010	7417.84	31 17N	131 5E	82.7	187.5	2.511	-30.80	70.6	S0312	.03150	8.8468	0.8	V
5011	8019.44	10 6S	123 35E	100.3	186.5	3.439	-28.35	49.8	S0312	.03150	7.2390	0.8	V
5012	8023.24	10 8S	123 35E	101.2	186.5	3.439	-27.65	49.8	S0312	.03150	7.1153	0.6	A
9001	7199.44	51 1N	136 51E	73.2	190.2	2.170	-9.45	59.0	S0409	.05410	10.0187	0.4	V
9002	7135.24	50 42N	137 12E	74.4	190.1	2.305	6.30	59.7	S0409	.05410	9.7486	0.8	F
9003	7149.44	50 43N	137 12E	74.4	190.0	2.305	7.00	59.7	S0409	.05410	9.7384	1.0	A
9004	7171.64	43 49N	135 4E	84.5	189.6	2.033	-33.25	60.9	S0409	.05410	8.6417	0.4	V
9005	7174.84	43 49N	135 4E	85.5	189.6	2.033	-32.90	60.9	S0409	.05410	8.5180	0.4	A
9006	7231.84	43 46N	135 17E	75.1	188.9	2.733	10.50	64.8	S0409	.07190	9.6807	0.6	F
9007	7237.24	43 46N	135 17E	75.3	188.9	2.511	11.55	64.8	S0409	.07190	9.6394	0.6	A
9008	7250.04	42 50N	133 43E	82.0	188.7	2.170	-30.45	64.8	S0409	.05410	8.9468	0.4	V
9009	7252.84	42 51N	133 43E	82.8	188.7	2.305	-30.45	64.8	S0409	.05410	8.7736	0.6	A
9010	7414.84	31 17N	131 5E	84.0	187.5	2.511	-31.15	70.5	S0409	.05410	8.5757	0.8	F
9011	7417.84	31 17N	131 5E	82.7	187.5	2.511	-30.80	70.6	S0409	.05410	8.8478	0.8	V
9012	7427.24	30 26N	130 59E	82.4	187.4	2.733	-29.05	70.8	S0409	.05410	8.7489	0.8	F
9013	7433.04	30 26N	130 59E	81.8	187.4	2.872	-28.35	70.8	S0409	.05410	8.8643	0.8	A
9014	8015.84	10 9S	123 40E	99.5	186.5	3.439	-26.25	49.8	S0409	.04040	7.1904	0.8	F
1357 5001	12432.24	51 8N	116 13E	85.5	190.3	2.170	28.70	59.3	S0312	.03150	8.5170	0.4	F
5002	12433.44	51 9N	116 11E	85.6	190.3	2.170	28.70	59.4	S0312	.03150	8.5087	0.4	F
5003	12435.04	50 57N	116 9E	85.7	190.3	2.170	28.70	59.4	S0312	.03150	8.5005	1.2	F
5004	12437.24	50 48N	116 6E	85.7	190.2	2.170	28.70	59.6	S0312	.03150	8.5005	0.6	F
5005	12440.44	50 47N	116 5E	85.0	190.2	2.170	29.05	59.6	S0312	.03150	8.6407	0.4	V
5006	12443.84	50 46N	116 4E	85.9	190.1	2.170	29.05	59.6	S0312	.03150	8.4180	0.8	A
5007	12447.04	50 35N	116 1E	86.6	190.1	2.170	29.75	59.8	S0312	.03150	8.3851	0.6	A
9001	12129.04	71 40N	128 56E	78.9	200.6	1.113	9.80	40.5	S0409	.09670	9.2766	0.6	V
9002	12132.04	71 40N	128 56E	79.8	200.6	1.113	10.15	40.5	S0409	.09670	9.0622	0.6	A
9003	12440.44	50 47N	116 5E	85.0	190.2	2.170	29.05	59.6	S0409	.05410	8.4417	0.4	V
9004	12443.44	50 47N	116 5E	86.0	190.1	2.170	29.05	59.6	S0409	.05410	8.4130	0.4	A
9005	12476.84	48 10N	114 40E	76.9	189.7	2.511	15.75	61.5	S0409	.05410	9.4498	1.0	F
9006	12482.44	48 10N	114 39E	77.1	189.6	2.385	16.45	61.5	S0409	.05410	9.3458	0.8	A
9007	12585.84	40 47N	112 1E	72.4	188.3	2.733	-1.05	66.6	S0409	.07190	10.0105	0.8	F
9008	12591.04	40 47N	112 1E	72.4	188.4	2.733	0.00	66.6	S0409	.07190	10.0105	0.8	A
9009	12612.84	39 55N	111 36E	72.4	188.3	2.872	1.05	67.8	S0409	.07190	10.0147	0.8	F
9010	12619.04	39 56N	111 36E	72.4	188.2	2.733	2.10	67.9	S0409	.07190	10.0023	1.0	A
9011	12675.64	34 56N	110 8E	75.2	187.8	2.872	-16.45	69.7	S0409	.05410	9.6147	1.0	F
9012	12681.04	34 56N	110 8E	74.8	187.8	2.872	-15.40	69.7	S0409	.05410	9.6889	1.0	A
9013	12809.44	25 26N	109 29E	84.4	187.1	2.511	31.50	72.8	S0409	.05410	8.2046	0.8	V

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1357 9014	12812.64	25 26N	109 29E	90.9	187.1	2.511	31.85	72.8	S0409	.05410	7.9325	1.0	A
9015	12846.64	22 56N	108 28E	77.8	187.0	3.090	13.65	72.1	S0409	.05410	9.4085	0.6	V
9016	12849.64	22 57N	108 28E	79.1	187.0	3.090	14.35	72.2	S0409	.05410	9.1149	0.6	A
9017	12872.64	21 14N	107 35E	75.3	186.9	3.211	-9.10	71.3	S0409	.07190	9.7156	0.6	V
9018	12875.44	21 14N	107 34E	76.2	186.9	3.439	-9.10	71.3	S0409	.07190	9.4910	0.6	A
1358 9001	17550.43	64 9N	99 35E	76.8	194.9	1.687	7.70	47.7	S0409	.07190	9.4168	1.0	F
9002	17556.03	64 9N	99 35E	76.8	194.7	1.475	8.40	47.7	S0409	.07190	9.4433	0.8	A
9003	17602.83	60 50N	97 28E	75.1	193.2	1.810	6.30	50.7	S0409	.07190	9.7651	0.6	V
9004	17605.63	60 50N	97 29E	76.0	193.1	1.810	6.65	50.7	S0409	.07190	9.5322	0.6	A
9005	17670.83	56 24N	93 42E	83.8	191.5	1.687	-30.45	54.3	S0409	.07190	8.7406	0.8	V
9006	17674.03	56 24N	93 41E	84.7	191.5	1.687	-30.45	54.3	S0409	.07190	8.5674	0.8	A
9007	17897.03	40 50N	89 49E	71.7	188.5	2.733	-3.50	66.5	S0409	.05410	10.2561	0.6	V
9008	17899.83	40 49N	89 49E	72.5	188.5	2.733	-3.15	66.5	S0409	.05410	10.0023	0.4	A
9009	18159.83	22 41N	86 21E	79.1	187.0	3.090	16.10	72.2	S0409	.05410	9.2601	0.6	V
9010	18162.83	22 41N	86 21E	80.3	186.9	2.872	16.80	72.2	S0409	.05410	8.9960	0.4	A
9011	18183.63	20 56N	85 11E	78.8	186.9	3.211	-18.90	71.0	S0409	.05410	9.1447	0.6	F
9012	18189.43	20 56N	85 11E	73.6	186.9	3.211	-17.85	71.0	S0409	.05410	9.2106	0.6	A
1359 5001	22906.23	61 16N	76 45E	87.4	193.4	1.475	23.70	50.4	S0312	.03150	8.3026	0.4	A
5002	22947.63	55 26N	73 18E	79.8	191.4	2.170	19.25	55.5	S0312	.03150	9.1106	0.6	F
5003	22950.63	55 26N	73 18E	79.0	191.3	2.170	19.60	55.5	S0312	.03150	9.2920	0.6	V
5004	22957.63	54 54N	73 30E	85.6	191.2	1.810	29.05	56.1	S0312	.03150	8.5829	0.8	V
5005	23001.03	54 50N	73 30E	86.9	191.1	1.810	29.40	56.1	S0312	.03150	8.3456	0.4	A
5006	23034.43	52 26N	72 3E	79.1	190.5	2.170	19.30	58.1	S0312	.03150	9.4074	0.6	V
5007	23037.23	52 26N	72 3E	79.2	190.5	2.170	19.25	58.1	S0312	.03150	9.1683	0.6	A
5008	23175.23	43 46N	67 26E	81.5	188.8	2.170	-28.35	64.9	S0312	.02260	8.8550	1.0	F
5009	23181.03	42 49N	67 26E	81.1	188.7	2.385	-28.00	64.9	S0312	.02260	8.9787	1.0	A
5010	23198.83	41 44N	68 49E	84.8	188.5	2.385	29.05	66.8	S0312	.03150	8.5571	0.6	V
5011	23201.83	41 42N	68 48E	86.2	188.5	2.170	29.75	66.8	S0312	.03150	8.4098	0.6	A
5012	23221.23	39 36N	66 57E	75.9	188.3	2.511	-19.25	67.0	S0312	.03150	9.5229	0.6	F
9001	22782.23	69 15N	81 29E	77.7	198.5	1.332	4.20	42.9	S0409	.07190	9.3013	0.8	F
9002	22787.83	69 15N	81 29E	77.6	198.2	1.332	4.55	42.9	S0409	.07190	9.3261	0.8	A
9003	22947.83	54 50N	73 30E	85.6	191.2	1.810	29.05	56.1	S0409	.07190	8.5839	0.4	V
9004	23001.03	54 50N	73 30E	86.9	191.1	1.810	29.40	56.1	S0409	.05410	8.3448	0.4	A
9005	23175.23	43 46N	67 26E	81.5	188.8	2.170	-28.35	64.9	S0409	.05410	8.8561	1.0	F
9006	23181.03	43 46N	67 26E	81.1	188.7	2.385	-28.00	64.9	S0409	.05410	8.9797	1.0	A
9007	23219.83	39 49N	66 59E	76.0	188.4	2.511	-19.25	67.0	S0409	.05410	9.5075	0.6	F
9008	23237.23	28 47N	64 54E	73.6	187.6	3.090	-6.30	71.6	S0409	.05410	9.8456	0.4	F
9009	23240.83	28 47N	64 54E	72.7	187.5	3.090	-5.95	71.7	S0409	.05410	10.0947	0.4	V
1360 5001	28246.23	58 50N	52 14E	75.5	192.5	2.033	7.00	52.5	S0312	.04150	9.5471	0.8	F
5002	28251.63	58 50N	52 14E	75.7	192.4	1.810	8.05	52.5	S0312	.04150	9.5868	0.8	A
5003	28282.63	56 19N	51 34E	79.8	191.7	2.033	19.25	54.8	S0312	.03150	9.0941	0.4	F
5004	28332.43	52 54N	49 48E	75.5	190.7	2.170	10.15	57.5	S0312	.03150	9.5436	0.6	F
5005	28337.83	52 54N	49 48E	75.7	190.6	2.170	10.85	57.5	S0312	.03150	9.5288	0.6	A
5006	28350.63	51 50N	48 35E	74.7	190.4	2.170	-12.25	58.3	S0312	.03150	9.6795	0.6	F
5007	28356.03	51 50N	48 34E	74.6	190.3	2.170	-11.90	58.3	S0312	.04150	9.7372	0.8	A
5008	28400.23	48 40N	48 26E	78.1	189.7	2.385	17.50	61.4	S0312	.03150	9.3085	0.4	F
5009	28403.03	48 40N	48 26E	77.3	189.7	2.385	17.85	61.4	S0312	.03150	9.4899	0.4	V
5010	28424.03	46 50N	48 4E	79.0	189.4	2.385	21.00	62.6	S0312	.03150	9.2858	0.6	V
5011	28427.83	46 46N	47 54E	79.3	189.4	2.385	19.95	62.9	S0312	.03150	9.1083	0.8	F
5012	28433.43	46 46N	47 54E	79.7	189.3	2.385	20.65	62.9	S0312	.03150	9.0341	1.0	A
5013	28475.43	43 41N	45 3E	91.3	188.8	1.810	-38.50	64.3	S0312	.01710	7.8904	0.8	F
5014	28480.63	43 42N	45 11E	85.4	188.8	2.033	-34.30	64.5	S0312	.01710	8.5747	0.6	V
5015	28483.83	43 42N	45 11E	86.1	188.8	2.033	-33.95	64.5	S0312	.01710	8.4593	0.6	A
5016	28505.43	41 41N	44 57E	82.8	188.6	2.385	-30.45	65.5	S0312	.01710	8.7331	1.0	A
5017	28521.43	40 14N	44 25E	87.1	188.4	2.033	-35.35	66.4	S0312	.01710	8.2779	1.0	F
5018	28527.83	40 10N	44 30E	84.2	188.4	2.385	-32.55	66.5	S0312	.03150	8.6489	0.8	A
5019	28570.63	36 50N	45 17E	78.2	188.0	2.733	20.65	69.2	S0312	.04150	9.3827	0.8	V
5020	28573.63	36 50N	45 17E	79.4	188.0	2.511	21.35	69.3	S0312	.03150	9.1271	0.4	A
5021	28985.83	8 30N	39 9E	80.4	186.0	3.439	1.05	65.3	S0312	.03150	8.9705	0.6	A
5022	29122.43	1 16S	36 50E	92.4	186.4	3.439	-24.85	57.4	S0312	.03150	7.7749	0.6	F
5023	29125.63	1 15S	36 50E	91.1	186.4	3.439	-24.15	57.4	S0312	.03150	7.9893	0.8	V
5024	29485.83	25 30S	32 12E	112.0	187.1	3.439	-24.50	55.9	S0312	.03150	6.3753	0.8	A
5025	29512.43	27 26S	32 27E	105.7	187.2	3.090	-4.20	53.9	S0312	.03150	6.7443	0.8	F
5026	29516.43	27 29S	32 27E	104.9	187.3	3.090	-3.85	53.9	S0312	.04150	6.8680	0.8	V
9001	28161.43	65 14N	57 18E	85.9	195.5	1.475	26.95	46.7	S0409	.07190	8.5427	0.6	V
9002	28164.43	65 14N	57 19E	87.1	195.4	1.475	27.30	46.7	S0409	.07190	8.3201	0.8	A
9003	28166.43	64 12N	55 17E	76.5	194.9	1.687	5.95	47.6	S0409	.07190	9.4498	0.8	F
9004	28171.83	64 12N	55 17E	76.5	194.7	1.687	6.30	47.6	S0409	.07190	9.4663	0.8	A
9005	28246.23	58 50N	52 14E	75.6	192.5	2.033	7.00	52.5	S0409	.07190	9.5982	0.6	F
9006	28251.63	58 50N	52 14E	75.6	192.4	1.810	8.05	52.5	S0409	.07190	9.5900	0.8	A
9007	28260.43	57 50N	53 18E	95.1	192.2	1.687	37.10	53.5	S0409	.05410	7.7099	0.6	V
9008	28263.83	57 50N	53 17E	96.3	192.1	1.475	37.45	53.5	S0409	.05410	7.5120	0.8	A
9009	28295.23	55 50N	49 7E	86.2	191.4	1.687	-33.25	54.7	S0409	.07190	8.4352	0.6	V
9010	28298.23	55 54N	49 8E	86.8	191.4	1.687	-32.90	54.7	S0409	.05410	8.3613	0.6	A
9011	28316.83	54 44N	48 39E	84.7	191.0	1.687	-31.85	55.9	S0409	.07190	8.6499	1.0	V
9012	28320.03	54 44N	48 39E	85.6	190.9	1.687	-31.85	55.9	S0409	.05410	8.4830	0.8	A
9013	28331.83	53 1N	49 49E	75.5	190.7	2.170	10.15	57.5	S0409	.07190	9.6147	0.8	F
9014	28337.23	53 1N	49 49E	75.6	190.6	2.170	10.85	57.5	S0409	.07190	9.5900	0.8	A
9015	28350.63	51 50N	48 34E	74.8	190.4	2.170	-12.25	58.3	S0409	.07190	9.6307	0.6	F
9016	28356.03	51 50N	48 34E	74.6	190.3	2.170	-11.90	58.3	S0409	.07190	9.7484	0.6	A

Handle via
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4354 COMMAND INFORMATION

REV	FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1360	9017	28385.03	49 27N	48 10E	73.4	189.9	2.385	-0.70	60.3	S0409	.07190	9.8621	0.6	F
	9018	28390.23	49 27N	48 10E	73.4	189.8	2.385	0.00	60.3	S0409	.07190	9.8786	0.8	A
	9019	28410.03	47 54N	47 53E	73.2	189.5	2.385	6.30	61.6	S0409	.07190	10.0105	0.4	V
	9020	28412.63	47 54N	47 53E	74.1	189.5	2.385	6.65	61.6	S0409	.07190	9.7714	0.6	A
	9021	28502.03	41 40N	44 58E	82.0	188.6	2.170	-30.45	65.5	S0409	.04090	8.9303	1.2	V
	9022	28505.43	41 41N	44 57E	82.7	188.6	2.385	-30.45	65.5	S0409	.04090	8.7901	0.8	A
	9023	28569.03	36 7N	45 41E	80.5	188.6	2.733	22.75	68.6	S0409	.05410	9.0292	1.0	F
	9024	28604.03	34 59N	43 48E	74.3	187.8	2.872	-15.40	69.7	S0409	.07190	9.8621	1.0	V
	9025	28619.63	33 45N	43 36E	74.5	187.7	2.872	-12.25	70.2	S0409	.04090	9.7054	1.0	F
	9026	28625.03	33 45N	43 36E	74.4	187.7	2.872	-11.55	70.3	S0409	.04090	9.7486	0.6	A
	9027	28972.63	9 0N	38 44E	83.5	186.5	3.439	-21.70	65.2	S0409	.05410	8.6252	1.0	F
	9028	28979.63	9 0N	38 44E	83.1	186.5	3.439	-20.30	65.2	S0409	.05410	8.6994	1.0	A
1361	9001	33400.82	63 0N	36 7E	74.3	194.3	1.113	-11.20	42.9	S0312	.04150	9.2260	0.4	F
	9002	33403.62	63 0N	36 6E	77.3	193.2	1.113	-11.20	42.9	S0312	.04150	9.4564	0.4	V
	9003	33460.22	64 59N	34 36E	82.3	195.5	1.687	20.65	46.9	S0312	.04150	8.8056	0.6	F
	9004	33509.42	62 0N	32 20E	79.1	193.7	1.687	16.10	49.5	S0312	.04150	9.1683	0.6	A
	9005	33521.42	61 7N	30 9E	78.2	194.4	1.687	-17.45	50.3	S0312	.04150	9.2425	0.6	F
	9006	33524.62	61 0N	30 10E	76.8	193.6	1.687	-16.80	50.3	S0312	.04150	9.5311	0.8	V
	9007	33529.42	60 59N	30 8E	75.8	193.1	1.687	-14.00	50.6	S0312	.04150	9.6630	0.6	V
	9008	33532.22	60 59N	30 8E	76.6	193.1	1.687	-13.65	50.6	S0312	.04150	9.4899	0.6	A
	9009	33537.82	59 59N	30 16E	74.8	192.9	1.810	-2.10	51.4	S0312	.04150	9.6630	1.0	F
	9010	33543.22	59 59N	30 16E	74.9	192.8	1.810	-1.40	51.4	S0312	.04150	9.6968	1.0	A
	9011	33545.62	59 59N	29 51E	75.0	192.6	1.810	-7.35	51.7	S0312	.04150	9.6795	0.6	A
	9012	33562.22	58 59N	30 21E	80.1	192.3	2.033	19.25	53.1	S0312	.03150	9.0511	0.6	F
	9013	33565.22	58 59N	30 20E	79.2	192.2	1.810	19.60	53.1	S0312	.04150	9.2590	0.4	V
	9014	33577.02	57 59N	29 25E	76.8	192.0	1.810	-16.45	53.6	S0312	.04150	9.4074	0.6	F
	9015	33579.82	57 59N	29 25E	75.8	191.9	1.810	-16.10	53.6	S0312	.04150	9.6650	0.6	V
	9016	33594.02	56 59N	27 20E	85.9	191.5	1.687	-21.85	54.1	S0312	.03150	8.4675	0.6	A
	9017	33626.22	53 57N	27 39E	73.7	191.0	2.170	-1.05	56.6	S0312	.04150	9.8362	0.4	F
	9018	33628.82	53 57N	27 38E	72.8	190.9	2.170	-1.05	56.6	S0312	.05390	10.0478	0.4	V
	9019	33631.02	53 58N	27 38E	72.8	190.9	2.170	-1.05	56.7	S0312	.04150	10.0670	0.4	V
	9020	33633.82	53 58N	27 38E	73.7	190.8	2.170	-0.70	56.8	S0312	.04150	9.8527	0.4	A
	9021	33640.42	53 59N	27 42E	74.7	190.7	2.170	7.70	57.2	S0312	.04150	9.7125	0.4	A
	9022	33685.02	48 47N	27 17E	86.3	190.0	2.170	29.40	60.4	S0312	.03150	9.4345	1.0	F
	9023	33688.42	48 48N	27 16E	85.3	190.0	2.170	29.40	60.4	S0312	.03150	9.6077	1.4	V
	9024	33703.82	48 50N	24 48E	83.8	189.8	2.033	-32.20	60.3	S0312	.03150	9.7396	0.4	V
	9025	33706.82	48 50N	24 45E	84.5	189.7	2.033	-31.85	60.3	S0312	.03150	9.5994	0.4	A
	9026	33710.03	48 50N	24 36E	83.9	189.7	2.033	-32.55	60.6	S0312	.03150	9.7343	0.6	V
	9027	33713.02	48 50N	24 37E	84.6	189.6	2.033	-32.20	60.6	S0312	.03150	9.5994	0.6	A
	9028	33729.42	47 49N	24 31E	78.2	189.4	2.170	-24.85	61.8	S0312	.03150	9.3500	0.4	V
	9029	33732.42	47 49N	24 31E	79.0	189.4	2.385	-24.85	61.8	S0312	.03150	9.2096	0.6	A
	9030	33774.02	43 48N	23 47E	76.3	188.9	2.385	-18.25	64.3	S0312	.03150	9.4816	0.6	F
	9031	33781.42	43 47N	23 47E	78.0	188.9	2.511	-18.55	64.3	S0312	.03150	9.3641	0.4	A
	9032	33746.82	43 49N	23 35E	75.7	188.8	2.385	-20.30	64.7	S0312	.03150	9.6878	0.6	V
	9033	33947.62	32 49N	20 36E	85.0	187.8	2.511	-33.60	70.2	S0312	.03150	8.6242	0.4	V
	9034	34471.62	4 16S	15 19E	94.1	186.4	3.090	17.85	55.7	S0312	.03150	7.6760	0.6	F
	9035	34475.02	4 16S	15 19E	93.7	186.4	3.090	18.55	55.7	S0312	.03150	7.7594	0.6	V
	9036	34542.02	8 44S	13 19E	97.6	186.3	3.439	-26.25	51.1	S0312	.03150	7.4266	1.0	V
	9037	34545.62	8 44S	13 19E	98.9	186.3	3.439	-25.90	51.1	S0312	.03150	7.2302	1.0	A
	9001	33205.62	81 40N	64 28E	81.7	225.4	0.286	-10.50	30.4	S0409	.07190	8.9385	0.8	V
	9002	33208.62	81 40N	64 28E	82.5	224.5	0.286	-10.50	30.4	S0409	.07190	8.7469	0.8	A
	9003	33403.62	63 0N	36 6E	77.3	193.2	1.113	-11.20	42.9	S0409	.07190	9.4580	0.4	V
	9004	33406.42	63 0N	36 7E	78.1	193.0	1.113	-10.85	42.9	S0409	.07190	9.2766	0.4	A
	9005	33419.42	63 2N	34 25E	82.0	192.4	1.113	-21.70	43.9	S0409	.07190	8.7901	0.8	F
	9006	33421.42	63 1N	34 26E	80.7	192.2	1.113	-21.35	43.9	S0409	.07190	9.0540	0.8	V
	9007	33438.42	66 57N	34 14E	76.7	196.4	1.332	-6.65	45.3	S0409	.04670	9.4166	0.6	F
	9008	33444.02	66 56N	34 15E	76.5	196.1	1.475	-5.95	45.3	S0409	.09670	9.4663	0.8	A
	9009	33464.02	64 57N	34 18E	79.1	195.3	1.475	16.80	46.9	S0409	.05410	9.2584	0.4	V
	9010	33467.02	64 57N	34 17E	80.0	195.2	1.475	16.80	47.0	S0409	.05410	9.0590	0.8	A
	9011	33537.42	59 59N	30 17E	74.9	192.9	1.810	-2.10	51.4	S0409	.07190	9.6642	1.6	F
	9012	33542.82	59 59N	30 17E	74.7	192.8	1.810	-1.40	51.4	S0409	.07190	9.6972	1.4	A
	9013	33562.22	58 59N	30 21E	80.2	192.3	2.033	19.25	53.1	S0409	.07190	9.0622	0.6	F
	9014	33565.02	58 59N	30 20E	79.2	192.2	1.810	19.60	53.1	S0409	.07190	9.2601	0.6	V
	9015	33577.02	57 59N	29 25E	76.9	192.0	1.810	-16.45	53.6	S0409	.07190	9.4085	0.6	F
	9016	33579.82	57 59N	29 25E	75.8	191.9	1.810	-16.10	53.6	S0409	.07190	9.6642	0.6	V
	9017	33605.02	55 59N	28 28E	74.1	191.4	2.033	2.10	55.1	S0409	.07190	9.7714	1.0	A
	9018	33612.22	54 59N	28 47E	77.7	191.2	2.033	17.85	55.9	S0409	.07190	9.4250	0.6	V
	9019	33615.02	54 59N	28 48E	78.8	191.2	2.033	18.20	55.9	S0409	.07190	9.1777	0.6	A
	9020	33655.62	52 59N	27 49E	80.5	190.5	2.033	21.70	58.3	S0409	.07190	8.9797	0.6	A
	9021	33668.22	50 59N	27 49E	89.0	190.3	2.170	31.85	59.5	S0409	.05410	8.1716	0.8	F
	9022	33671.42	50 59N	27 49E	88.2	190.2	2.170	32.20	59.5	S0409	.05410	8.3201	0.8	V
	9023	33675.62	50 57N	27 40E	87.1	190.2	2.170	31.15	59.7	S0409	.05410	8.4273	0.6	V
	9024	33678.82	50 57N	27 40E	88.4	190.1	2.170	31.50	59.7	S0409	.05410	8.1799	0.6	A
	9025	33645.22	49 46N	27 17E	86.3	190.0	2.170	29.40	60.4	S0409	.05410	8.4355	0.6	F
	9026	33688.42	48 46N	27 16E	85.3	190.0	2.170	29.40	60.4	S0409	.05410	8.6087	0.4	V
	9027	33703.62	48 50N	24 45E	83.8	189.8	2.033	-32.20	60.3	S0409	.05410	8.7406	0.6	V
	9028	33706.82	48 50N	24 45E	84.4	189.7	2.033	-31.85	60.3	S0409	.05410	8.6004	0.4	A
	9029	33746.22	45 52N	25 31E	76.6	189.2	2.385	17.50	63.3	S0409	.07190	9.5735	0.4	V
	9030	33749.02	45 52N	25 31E	77.7	189.2	2.385	17.85	63.3	S0409	.07190	9.3096	0.4	A
	9031	33758.22	45 0N	25 41E	84.6	189.1	2.170	29.05	64.1	S0409	.05410	8.6829	0.4	V
	9032	33761.22	45 0N	25 40E	85.6	189.1	2.170	29.05	64.1	S0409	.05410	8.4520	1.0	A
	9033	33774.02	43 48N	23 47E	74.4	188.9	2.385	-19.25	64.3	S0409	.07190	9.4628	0.6	F
	9034	33781.42	43 48N	23 47E	76.0	188.9	2.511	-18.55	64.3	S0409	.07190	9.5652	0.6	A
	9035	33702.82	42 48N	23 36E	74.1	188.7	2.511	-16.80	65.0	S0409	.07190	9.8368	0.6	V
	9036	33705.62	42 47N	23 35E	74.8	188.7	2.511	-16.45	65.0	S0409	.07190	9.6372	0.6	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1361 9037	33803.02	41 55N	23 39E	72.8	188.6	2.733	-7.70	65.8	S0409	.05410	9.9963	0.6	F
9038	33808.22	41 55N	23 38E	72.7	188.6	2.733	-7.00	65.8	S0409	.05410	9.9775	0.6	A
9039	33863.82	37 56N	23 56E	91.8	188.1	2.170	34.65	68.9	S0409	.03090	7.8665	0.8	A
9040	33936.62	32 49N	21 59E	74.8	187.6	2.872	11.55	70.9	S0409	.04090	9.8043	0.8	V
9041	34471.42	4 10S	15 19E	94.1	186.4	3.090	17.95	55.7	S0409	.05410	7.6769	0.6	F
9042	34474.82	4 10S	15 20E	93.7	186.4	3.090	16.55	55.7	S0409	.05410	7.7593	0.6	V
1362 9001	39014.62	48 59N	2 41E	81.3	189.7	2.033	-29.05	60.6	S0409	.07190	9.0127	0.6	V
9002	39017.62	48 59N	2 41E	82.0	189.7	2.033	-28.70	60.6	S0409	.05410	8.8643	0.6	A
9003	39202.22	35 48N	0 41W	83.1	187.9	2.385	-31.50	64.8	S0409	.07190	8.8148	1.0	V
9004	39205.42	35 48N	0 41W	83.8	187.9	2.385	-31.15	64.8	S0409	.07190	8.6744	0.8	A
9005	39511.62	14 04N	4 13W	78.5	186.6	3.439	-8.75	68.8	S0409	.04090	9.2024	0.8	A
9006	39586.82	11 12N	4 19W	81.3	186.3	3.211	11.90	67.3	S0409	.05410	8.9480	1.0	V
9007	39586.82	9 26N	5 36W	87.9	186.3	3.439	-27.30	65.4	S0409	.05410	8.2241	1.2	A
1364 5001	50603.81	18 59S	54 52W	105.1	186.8	3.439	-24.85	42.0	S0312	.03150	6.7938	1.0	F
5002	50610.81	19 20S	54 41W	100.8	186.8	3.439	-17.15	41.8	S0312	.03150	7.0886	0.8	F
5003	50619.41	19 41S	54 45W	100.2	186.5	3.439	-16.80	41.5	S0312	.03150	7.2143	0.8	V
5004	50639.41	20 43S	55 21W	109.6	186.3	3.439	-27.65	40.3	S0312	.03150	6.5299	0.8	A
5005	50644.81	21 0S	55 24W	109.5	186.3	3.439	-27.30	40.0	S0312	.03150	6.5382	0.8	A
5006	50652.81	22 10S	55 42W	112.6	186.3	3.211	-30.10	38.9	S0312	.03150	6.3238	0.8	F
5007	50656.81	22 10S	55 39W	109.9	186.3	3.211	-28.35	39.0	S0312	.03150	6.5629	0.8	V
5008	50661.81	22 14S	55 38W	110.5	187.0	3.439	-27.30	38.9	S0312	.03150	6.4805	0.8	A
5009	50665.81	22 21S	55 41E	110.4	187.0	3.439	-26.95	38.7	S0312	.03150	6.4805	0.8	A
5010	50669.61	22 47S	55 39W	108.7	187.0	3.439	-24.50	38.5	S0312	.03150	6.5794	1.0	A
5011	50676.21	23 16S	55 56W	113.9	187.0	3.439	-29.75	38.0	S0312	.03150	6.2826	1.0	A
5012	50699.21	25 01S	54 37W	112.7	187.1	2.872	20.65	36.6	S0312	.04150	6.3568	0.6	F
5013	50705.61	25 24S	54 27W	117.5	187.1	2.511	25.20	36.8	S0312	.03150	6.0352	1.0	A
5014	50708.21	25 34S	54 29W	117.6	187.1	2.511	25.20	36.7	S0312	.03150	6.0276	0.8	A
5015	50715.61	26 4S	54 31W	119.3	187.2	2.170	26.60	36.2	S0312	.03150	5.9445	1.0	A
5016	50762.61	29 48S	55 47W	110.2	187.4	2.733	11.90	32.5	S0312	.03150	6.4805	0.4	F
5017	50772.01	29 42S	57 6W	114.7	187.4	3.439	-23.80	32.0	S0312	.03150	6.2084	0.6	A
5018	50780.01	30 21S	56 26W	107.8	187.5	3.211	-2.45	31.8	S0312	.04150	6.5876	0.4	A
9001	50578.01	16 06S	54 26W	101.6	186.7	3.439	-23.80	45.9	S0409	.05410	7.1244	1.2	V
9002	50685.41	23 06S	55 3W	102.4	187.0	3.211	0.70	37.8	S0409	.07190	6.9347	1.2	A
1365 5001	53802.81	52 26N	103 53E	133.7	349.3	-1.321	43.05	-19.0	S0312	.29710	5.4004	0.4	A
5002	54249.41	81 7N	64 34E	86.8	312.6	-0.416	11.20	19.0	S0312	.05390	8.5005	1.2	V
5003	54252.81	81 7N	64 29E	86.7	311.4	-0.416	11.20	19.0	S0312	.05390	8.3356	0.6	A
5004	55364.81	18 29N	69 53W	77.5	186.3	3.090	-11.90	70.4	S0312	.03150	9.3332	0.6	F
5005	55367.61	18 30N	69 54W	76.8	186.3	3.090	-12.25	70.4	S0312	.03150	9.5511	0.6	V
5006	55370.61	18 29N	69 54W	77.8	186.3	3.439	-12.25	70.4	S0312	.03150	9.5250	0.4	A
5007	55449.21	13 32N	70 1W	89.6	186.6	2.872	25.20	68.4	S0312	.03150	8.1212	0.8	F
5008	55452.61	13 32N	70 0W	89.7	186.6	2.872	26.25	68.4	S0312	.03150	8.1707	0.8	V
5009	55459.61	11 49N	70 9W	89.9	186.5	2.872	25.20	67.9	S0312	.03150	8.0462	1.0	F
5010	55464.41	11 48N	70 13W	88.3	186.6	2.872	24.15	67.9	S0312	.03150	8.2944	0.6	V
5011	55467.61	11 49N	70 12W	90.1	186.5	2.872	24.85	67.9	S0312	.03150	8.0052	0.6	A
5012	55495.01	10 24N	71 24W	80.5	186.5	3.439	-14.70	66.2	S0312	.03150	9.0359	1.0	V
5013	55636.41	0 41S	72 17W	95.1	186.4	2.872	23.45	59.0	S0312	.03150	7.6183	0.6	F
5014	55693.61	3 05S	74 45W	112.6	186.4	3.090	-41.65	55.2	S0312	.02240	6.4145	0.8	A
9001	55552.81	5 04N	71 53W	82.0	186.4	3.439	-1.05	63.4	S0409	.05410	8.7318	0.8	A
9002	55598.01	2 06N	72 38W	83.0	186.4	3.439	-9.10	60.8	S0409	.05410	8.7813	1.0	V
9003	55843.01	15 24S	74 46W	109.5	186.7	2.511	26.25	46.0	S0409	.05410	6.8495	1.4	A
1366 5001	59140.81	55 4N	82 59E	97.6	348.7	-2.028	7.00	-8.1	S0312	.29710	7.3627	0.4	A
5002	59156.01	56 05N	84 53E	121.4	348.4	-1.812	-35.70	-7.3	S0312	.29710	5.9610	0.4	V
5003	60734.01	14 06N	91 48W	85.4	186.6	2.872	22.75	69.6	S0312	.03150	9.4428	1.0	A
1367 5001	64454.41	56 2N	60 44E	95.2	348.5	-1.812	2.10	-7.2	S0312	.29710	7.5935	0.8	V
5002	64472.61	57 10N	60 7E	94.7	348.1	-1.812	3.85	-6.0	S0312	.29710	7.6430	1.0	V
5003	64476.41	57 10N	60 5E	95.8	348.0	-1.812	3.85	-5.8	S0312	.29710	7.4946	1.0	A
5004	64491.61	58 02N	59 39E	94.1	347.7	-1.812	1.40	-4.8	S0312	.29710	7.7007	1.0	V
5005	64496.21	58 07N	59 47E	95.4	347.6	-1.812	-2.45	-4.8	S0312	.29710	7.5276	0.8	A
1371 9001	276.99	55 13N	165 58E	81.2	191.2	1.687	-27.30	55.2	S0409	.09670	9.0210	0.4	V
9002	279.79	55 14N	165 58E	81.9	191.2	1.687	-26.95	55.2	S0409	.07190	8.8726	0.4	A
1372 9001	5770.19	42 22N	140 58E	73.9	188.7	2.733	4.65	65.6	S0409	.09670	9.8208	0.8	F
9002	5777.99	42 16N	140 17E	74.6	188.6	2.511	-15.05	65.3	S0409	.07190	9.7301	0.8	A
1373 5001	11235.79	32 14N	115 2E	91.7	187.5	2.511	-38.85	70.0	S0312	.02260	7.9263	0.8	A
5002	11293.99	27 07N	115 58E	84.2	187.3	2.733	25.20	72.4	S0312	.03150	8.5912	0.6	A
5003	11329.59	25 04N	114 58E	75.5	187.1	3.090	6.65	72.1	S0312	.03150	9.5971	0.6	A
5004	11367.39	22 59N	114 8E	75.4	187.0	3.211	-5.60	71.6	S0312	.03150	9.6053	0.6	F
5005	11370.19	22 59N	114 7E	74.6	186.9	3.211	-5.25	71.6	S0312	.03150	9.8197	0.6	V
5006	11373.99	22 16N	114 10E	74.7	186.9	3.211	-1.40	71.7	S0312	.03150	9.8032	0.6	V
5007	11376.79	22 13N	114 9E	75.7	186.9	3.211	-1.05	71.7	S0312	.03150	9.8723	0.6	A
5008	11796.19	6 40S	103 16E	98.4	186.5	3.439	-29.05	52.9	S0312	.03150	7.3674	0.6	V

Handle via
BYEMAN Channels
BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1373 5009	11799.79	6 40S	108 15E	99.5	186.3	3.439	-28.70	52.9	S0312	.03150	7.2472	0.6	A
9001	11099.19	41 4N	117 59E	73.5	188.5	2.733	-11.20	66.2	S0409	.05410	9.8436	0.6	F
9002	11104.99	41 2N	117 55E	73.8	188.5	2.733	-12.60	66.2	S0409	.05410	9.8373	0.6	A
9003	11121.79	39 50N	116 25E	99.2	188.3	1.810	-44.80	66.2	S0409	.05410	7.3655	0.6	V
9004	11125.39	39 50N	116 25E	100.0	188.3	2.033	-44.80	66.3	S0409	.05410	7.2728	0.6	A
9005	11269.39	29 30N	115 42E	73.5	187.4	3.090	3.15	71.6	S0409	.05410	9.9593	0.6	V
9006	11272.19	29 29N	115 42E	74.4	187.4	3.090	3.50	71.6	S0409	.05410	9.7219	0.6	A
9007	11278.19	29 29N	115 56E	79.5	187.3	2.872	18.20	72.1	S0409	.05410	9.1447	0.6	F
9008	11280.99	29 29N	115 56E	78.9	187.3	2.872	18.55	72.1	S0409	.05410	9.3096	0.6	V
9009	11340.39	24 40N	114 13E	76.1	187.1	3.090	-17.50	71.6	S0409	.07190	9.6229	0.4	V
9010	11343.19	24 39N	114 14E	76.8	187.0	3.090	-16.80	71.6	S0409	.05410	9.4415	0.4	A
9011	11359.59	23 4N	114 36E	77.4	187.0	3.211	10.15	72.0	S0409	.05410	9.3756	0.4	F
1374 9001	16454.59	37 40N	95 28E	71.6	186.1	2.872	3.50	68.3	S0409	.07190	10.1424	0.6	F
9002	16459.79	37 40N	95 28E	71.7	186.1	2.872	4.20	68.3	S0409	.07190	10.1177	0.6	A
1375 5001	21539.5A	53 4N	78 38E	81.4	190.7	2.170	22.75	57.5	S0312	.02260	8.9127	0.6	F
5002	21544.5A	53 4N	78 39E	82.0	190.6	2.033	23.80	57.5	S0312	.02260	8.8488	0.4	A
5003	21581.7A	50 4N	77 50E	86.6	190.1	2.170	29.75	60.1	S0312	.03150	8.3851	1.0	F
5004	21584.9A	50 4N	77 50E	85.9	190.0	2.170	30.10	60.1	S0312	.03150	8.5252	0.6	V
5005	21635.1A	46 50N	74 32E	84.1	189.4	2.033	-31.85	62.0	S0312	.02260	8.5829	0.6	F
5006	21638.1A	46 50N	74 31E	83.2	189.3	2.033	-31.85	62.0	S0312	.02260	8.8138	0.6	V
5007	21641.3A	46 50N	74 30E	84.2	189.3	2.033	-31.85	62.0	S0312	.02260	8.6489	0.6	A
5008	21919.3A	27 0N	71 43E	87.5	187.2	2.511	29.75	72.6	S0312	.03150	8.3851	1.0	V
5009	21922.5A	27 0N	71 43E	89.0	187.2	2.511	30.10	72.6	S0312	.02260	8.1242	1.0	A
9001	21557.1A	52 17N	77 3E	74.4	190.4	2.170	-11.55	57.8	S0409	.07190	9.7631	0.6	A
9002	21584.9A	50 4N	77 49E	85.9	190.0	2.170	30.10	60.1	S0409	.05410	8.5252	0.6	V
9003	21587.9A	50 2N	77 50E	87.2	190.0	2.170	30.45	60.1	S0409	.05410	8.2758	0.6	A
9004	21677.1A	43 56N	75 14E	76.6	188.9	2.511	16.10	64.8	S0409	.05410	9.4428	0.4	F
9005	21679.9A	43 56N	75 14E	75.9	188.9	2.511	16.45	64.8	S0409	.05410	9.6307	0.4	V
9006	21690.5A	42 49N	73 51E	77.4	188.8	2.385	-22.75	64.8	S0409	.05410	9.3343	0.8	F
9007	21696.1A	42 48N	73 51E	76.9	188.7	2.511	-22.05	64.8	S0409	.05410	9.4333	0.8	A
1376 5001	26624.3A	67 54N	64 45E	77.2	197.3	1.332	10.50	43.9	S0312	.04150	9.4816	0.4	V
5002	26629.1A	67 50N	64 44E	76.1	197.2	1.332	10.50	43.9	S0312	.04150	9.2058	0.4	A
5003	26829.3A	54 41N	55 37E	76.3	191.0	2.033	-17.15	55.7	S0312	.04150	9.5229	0.6	A
5004	27090.7A	36 49N	51 18E	76.7	188.0	2.733	17.15	69.3	S0312	.03150	9.5558	0.8	V
5005	27093.7A	36 48N	51 17E	77.7	188.0	2.733	17.15	69.3	S0312	.03150	9.3250	0.6	A
5006	27100.1A	35 40N	51 29E	83.8	187.9	2.511	28.35	69.8	S0312	.03150	8.7643	0.6	V
5007	27103.1A	35 40N	51 29E	85.2	187.9	2.511	28.70	69.8	S0312	.03150	8.5087	0.6	A
5008	27106.1A	35 39N	51 26E	85.5	187.9	2.511	28.70	69.9	S0312	.03150	8.4758	0.6	A
5009	27187.9A	29 57N	48 27E	85.7	187.4	2.511	-33.60	70.7	S0312	.03150	8.5335	0.4	V
5010	27190.9A	29 57N	48 27E	86.3	187.4	2.733	-33.25	70.7	S0312	.03150	8.4345	0.6	A
5011	27196.1A	29 56N	48 19E	86.5	187.4	2.511	-33.25	70.9	S0312	.03150	8.3273	1.4	F
5012	27201.7A	28 48N	44 26E	81.5	187.3	2.733	-26.95	71.1	S0312	.04150	8.8653	0.8	F
5013	27231.9A	26 50N	47 51E	85.7	187.2	2.733	-33.25	71.2	S0312	.03150	8.5417	1.0	V
5014	27470.7A	10 26N	44 59E	87.1	186.5	3.211	-27.65	66.0	S0312	.01710	8.3768	0.6	V
5015	27473.9A	10 26N	44 60E	87.9	186.5	3.439	-27.30	66.0	S0312	.01710	8.2449	0.6	A
5016	27624.1A	0 20S	42 34E	111.6	186.4	2.872	-42.35	57.8	S0312	.02260	8.3980	0.8	F
5017	27628.1A	0 20S	42 34E	110.2	186.4	3.090	-42.35	57.8	S0312	.02260	8.6041	0.8	V
9001	26630.9A	67 7N	62 38E	77.6	196.7	1.332	-11.90	44.7	S0409	.07190	9.3096	0.4	F
9002	26644.5A	67 7N	62 39E	77.3	196.5	1.332	-11.20	44.7	S0409	.07190	9.3756	0.8	A
9003	26777.7A	58 6N	56 35E	80.5	192.1	1.687	-25.90	52.8	S0409	.07190	9.0952	0.6	V
9004	26780.7A	58 6N	56 34E	81.4	192.0	1.687	-25.90	52.8	S0409	.07190	8.9138	0.8	A
9005	26820.1A	54 54N	56 6E	74.1	191.2	2.033	-7.00	55.6	S0409	.07190	9.7691	1.6	F
9006	26823.9A	54 49N	56 5E	73.1	191.1	2.033	-6.65	55.7	S0409	.07190	10.0270	0.6	V
9007	26841.5A	53 24N	55 56E	74.1	190.8	2.170	4.20	57.0	S0409	.07190	9.7379	1.0	F
9008	26845.7A	53 7N	55 51E	74.0	190.7	2.170	4.55	57.3	S0409	.07190	9.7379	1.0	F
9009	26851.1A	53 6N	55 51E	74.0	190.7	2.170	5.25	57.3	S0409	.07190	9.7479	0.8	A
9010	26856.3A	52 42N	55 44E	74.9	190.6	2.170	4.90	57.9	S0409	.07190	9.6889	1.0	F
9011	26861.7A	52 42N	55 44E	75.0	190.5	2.170	4.90	57.9	S0409	.07190	9.6642	1.0	A
9012	26868.7A	51 48N	54 57E	72.7	190.4	2.170	-6.30	58.3	S0409	.07190	10.0847	0.4	V
9013	26872.3A	51 21N	54 43E	74.0	190.3	2.170	-9.10	58.6	S0409	.07190	9.7796	0.8	F
9014	26877.5A	51 21N	54 44E	73.8	190.2	2.170	-8.40	58.6	S0409	.07190	9.8291	0.6	A
9015	26919.5A	48 7N	53 45E	73.4	189.6	2.385	-7.00	61.2	S0409	.07190	9.8621	1.4	F
9016	26924.7A	48 7N	53 45E	73.2	189.6	2.385	-6.30	61.2	S0409	.07190	9.9033	1.4	A
9017	27042.3A	36 57N	50 42E	73.7	188.0	2.733	-9.45	64.6	S0409	.07190	9.8291	1.2	F
9018	27175.3A	30 34N	49 5E	76.3	187.5	2.872	-17.15	71.0	S0409	.05410	9.4663	0.6	F
9019	27221.3A	27 20N	48 58E	75.2	187.2	3.090	-4.90	72.0	S0409	.07190	9.6394	1.0	F
9020	27239.9A	26 32N	48 4E	79.8	187.2	3.090	-23.80	71.4	S0409	.05410	9.0952	1.0	A
9021	27419.1A	13 59N	45 41E	82.8	186.6	3.211	-25.55	68.1	S0409	.05410	8.8231	0.6	V
9022	27422.1A	13 59N	45 41E	83.7	186.6	3.439	-25.55	68.1	S0409	.05410	8.6499	1.0	A
1377 5001	31939.3A	67 42N	40 59E	76.8	197.0	1.332	-12.25	44.1	S0312	.04150	9.5311	0.4	V
5002	31942.1A	67 42N	40 60E	77.6	196.9	1.332	-11.90	44.1	S0312	.04150	9.3580	0.4	A
5003	31980.3A	64 34N	40 33E	82.6	195.2	1.687	21.70	47.2	S0312	.04150	8.7808	1.2	F
5004	32060.7A	59 10N	37 8E	80.6	192.7	2.033	20.30	52.1	S0312	.03150	9.0034	0.4	F
5005	32092.7A	57 34N	36 22E	79.2	191.5	1.810	-22.40	55.2	S0312	.04150	9.1766	0.4	A
5006	32109.7A	56 42N	36 9E	80.1	191.6	1.410	31.85	55.0	S0312	.03150	8.3458	0.4	V
5007	32112.9A	56 42N	36 8E	80.1	191.5	1.810	31.85	55.0	S0312	.03150	8.1677	0.6	A
5008	32171.1A	51 46N	33 45E	78.5	190.4	2.170	18.55	54.5	S0312	.03150	9.2590	0.6	F

Handle via
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BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1377 5009	32173.98	51 45N	33 44E	77.6	190.4	2.170	18.55	58.5	S0312	.03150	9.4652	0.6	V
5010	32257.78	46 22N	30 40E	76.6	189.3	2.385	-19.95	62.3	S0312	.04150	9.4899	1.0	A
5011	32800.78	8 3N	22 25E	90.3	186.5	3.211	-29.75	64.4	S0312	.03150	7.9563	1.0	F
9001	31985.18	64 24N	40 45E	85.3	195.0	1.475	26.95	47.4	S0409	.05410	8.6087	0.6	V
9002	31998.38	64 24N	40 45E	86.5	194.9	1.475	27.30	47.4	S0409	.05410	8.3778	0.6	A
9003	32004.58	63 48N	40 24E	97.9	194.3	1.687	37.45	48.9	S0409	.05410	7.4213	0.6	F
9004	32011.58	63 48N	40 25E	98.3	194.1	1.475	38.15	48.9	S0409	.05410	7.3635	0.6	A
9005	32082.18	57 30N	35 4E	75.4	192.2	1.810	-12.25	53.8	S0409	.07190	9.5817	0.6	F
9006	32084.98	57 30N	35 4E	74.4	192.1	1.810	-11.90	53.8	S0409	.07190	9.8456	0.6	V
9007	32134.38	54 17N	34 26E	75.6	191.1	2.170	10.85	56.3	S0409	.07190	9.5982	0.6	F
9008	32139.78	54 16N	34 26E	75.7	191.0	2.033	11.55	56.3	S0409	.07190	9.5652	0.6	A
9009	32147.98	53 19N	34 25E	79.5	190.8	2.170	19.95	57.2	S0409	.07190	9.1364	0.8	F
9010	32153.58	53 19N	34 25E	79.8	190.7	2.033	20.65	57.2	S0409	.07190	9.0705	1.0	A
9011	32176.78	51 45N	33 44E	78.6	190.4	2.170	18.90	58.5	S0409	.07190	9.2106	0.6	A
9012	32189.78	50 56N	32 19E	73.9	190.1	2.170	-10.15	59.2	S0409	.07190	9.7736	0.6	F
9013	32194.98	50 57N	32 19E	73.8	190.1	2.385	-9.80	59.2	S0409	.07190	9.8373	0.6	G
9014	32217.58	48 48N	32 31E	75.0	189.8	2.385	13.30	60.8	S0409	.07190	9.7796	0.6	V
9015	32220.38	48 48N	32 30E	76.0	189.7	2.385	13.65	60.9	S0409	.07190	9.5280	0.9	A
9016	32241.58	46 58N	31 54E	76.4	189.4	2.385	14.35	62.3	S0409	.07190	9.5075	0.6	F
9017	32246.98	46 59N	31 54E	76.6	189.4	2.385	15.05	62.3	S0409	.07190	9.4498	0.6	A
9018	32469.78	31 24N	27 12E	75.5	187.5	2.872	-15.05	70.8	S0409	.07190	9.5735	1.0	F
9019	32475.18	31 24N	27 12E	75.3	187.5	3.090	-14.70	70.8	S0409	.07190	9.6312	1.0	A
137A 5001	37444.37	54 14N	12 8E	73.7	191.0	2.170	7.00	56.3	S0312	.03150	9.9599	0.6	V
5002	37447.17	54 14N	12 8E	74.6	190.9	2.170	7.35	56.3	S0312	.04150	9.7290	0.6	A
5003	37465.17	52 44N	12 1E	77.8	190.6	2.170	18.55	57.7	S0312	.03150	9.4404	0.4	V
5004	37467.97	52 43N	12 1E	78.9	190.6	2.170	18.90	57.7	S0312	.03150	9.2013	0.4	A
5005	37471.97	52 16N	11 56E	79.1	190.5	2.170	21.00	58.1	S0312	.03150	9.2338	0.4	V
5006	37474.77	52 16N	11 56E	80.2	190.5	2.170	21.35	58.1	S0312	.03150	9.0447	0.6	A
5007	37485.37	51 32N	11 37E	85.1	190.3	2.170	28.00	58.8	S0312	.03150	8.5252	0.6	A
5008	37490.57	51 1N	11 19E	76.9	190.2	2.170	17.50	59.1	S0312	.03150	9.5476	0.4	V
5009	37494.37	50 45N	11 20E	78.4	190.2	2.170	20.30	59.3	S0312	.03150	9.3662	0.8	V
5010	37497.37	50 44N	11 20E	79.5	190.1	2.170	20.65	59.4	S0312	.03150	9.1271	0.6	A
5011	37697.57	36 33N	6 57E	74.0	188.0	2.872	9.10	68.9	S0312	.03150	9.9269	0.6	V
5012	38156.17	5 30N	0 10W	92.9	186.4	3.439	-30.45	62.7	S0312	.03150	7.7914	0.8	A
9001	37436.77	54 30N	12 33E	76.9	191.1	2.170	14.00	56.1	S0409	.09670	9.4498	0.6	F
9002	37439.57	54 30N	12 33E	76.0	191.1	2.170	14.35	56.2	S0409	.09670	9.6559	0.6	V
9003	37448.37	54 7N	12 6E	74.6	190.9	2.170	7.35	56.4	S0409	.07190	9.7156	0.6	A
9004	37452.17	53 40N	11 54E	73.5	190.9	2.170	6.30	56.8	S0409	.07190	9.9775	0.6	V
9005	37455.37	53 27N	11 51E	73.7	190.8	2.170	7.35	57.0	S0409	.07190	9.9528	0.6	V
9006	37458.17	53 27N	11 51E	74.6	190.7	2.170	7.70	57.0	S0409	.07190	9.7156	0.6	A
9007	37479.97	51 45N	11 40E	83.3	190.4	2.170	26.95	58.6	S0409	.07190	8.8231	0.8	V
9008	37481.97	51 45N	11 40E	84.5	190.4	2.170	27.30	58.6	S0409	.05410	7.5757	1.0	A
9009	37506.57	50 1N	10 12E	72.4	190.0	2.385	-4.90	59.7	S0409	.07190	10.1259	0.6	V
9010	37510.37	49 45N	10 7E	72.2	189.9	2.385	-4.55	59.9	S0409	.07190	10.1549	0.4	V
9011	37512.97	49 45N	10 7E	73.0	189.9	2.385	-4.20	59.9	S0409	.07190	9.9363	0.4	A
9012	37531.37	48 3N	10 1AE	76.8	189.7	2.385	16.10	61.5	S0409	.04090	9.4498	1.6	F
9013	37538.37	47 45N	10 29E	81.0	189.6	2.170	25.20	61.8	S0409	.04090	9.0705	0.4	V
9014	37541.37	47 45N	10 29E	82.2	189.5	2.170	25.55	61.8	S0409	.04090	8.8066	0.4	A
9015	37694.57	36 54N	6 56E	74.5	188.0	2.872	7.70	68.9	S0409	.07190	9.7549	0.4	F
9016	37702.37	36 25N	6 37E	73.0	188.0	2.872	8.70	69.0	S0409	.07190	9.9280	0.6	F
9017	37707.37	36 24N	6 38E	73.1	188.0	2.872	1.75	69.0	S0409	.07190	9.9053	0.8	A
9018	37714.57	35 54N	6 12E	73.0	187.9	2.872	-8.05	69.3	S0409	.07190	9.9198	0.6	F
9019	37719.77	35 55N	6 12E	72.9	187.9	2.872	-7.35	69.3	S0409	.07190	9.9045	0.6	A
9020	38073.17	11 5N	1 0E	84.1	186.5	3.211	-23.45	66.5	S0409	.05410	8.6829	1.0	V
9021	38148.97	5 59N	0 1E	88.8	186.5	3.211	-25.20	62.8	S0409	.05410	8.0374	0.6	F
13A0 5001	46942.97	48 9N	135 2E	109.6	350.3	-2.028	25.20	-14.6	S0312	.29710	6.5547	0.6	A
5002	49091.77	16 39S	48 36W	113.6	186.7	3.439	-35.00	44.0	S0312	.03150	6.3156	1.0	A
5003	49139.37	20 31S	48 29W	99.7	186.6	3.439	-10.50	40.9	S0312	.03150	7.1750	1.0	F
5004	49178.77	23 11S	49 15W	104.5	187.0	3.211	-17.85	38.3	S0312	.03150	6.8268	1.0	F
5005	49185.77	23 0S	49 43W	114.6	187.0	3.439	-30.45	38.2	S0312	.03150	6.2414	1.0	A
9001	49070.97	15 50S	47 54W	99.7	186.7	3.439	-20.65	45.0	S0409	.05410	7.1739	1.0	F
9002	49076.37	15 53S	47 58W	99.4	186.7	3.439	-21.70	44.9	S0409	.05410	7.2811	0.6	V
9003	49079.17	15 53S	47 57W	100.4	186.7	3.439	-21.00	44.9	S0409	.05410	7.1244	0.4	A
9004	49130.17	19 60S	47 37W	103.3	186.8	3.090	-18.00	41.7	S0409	.05410	6.9450	1.2	F
9005	49153.97	21 8S	47 46W	106.2	186.9	2.733	16.80	40.8	S0409	.05410	6.6709	1.0	A
9006	49164.97	21 51S	47 54W	106.7	186.9	2.733	16.80	40.1	S0409	.05410	6.6379	1.0	A
9007	49169.77	22 10S	48 1W	105.9	186.9	2.733	15.05	39.7	S0409	.05410	6.6956	0.8	A
13A1 5001	54275.76	8 46S	67 24W	104.6	186.5	2.511	26.60	52.1	S0312	.03150	6.8268	1.0	A
5002	54316.76	11 20S	69 35W	106.3	186.6	3.574	-32.55	48.8	S0312	.03150	6.7773	0.8	A
9001	54010.96	3 27N	64 28W	88.7	186.5	2.872	22.05	56.4	S0409	.05410	8.0492	0.8	A
9002	54064.96	5 57N	66 7W	83.9	186.4	3.439	-18.20	53.0	S0409	.05410	8.6911	0.6	V
9003	54070.36	5 26N	66 7W	84.7	186.4	3.574	-17.15	52.9	S0409	.05410	8.5097	1.0	A
9004	54269.36	8 36S	67 23W	102.0	186.5	2.733	25.55	52.2	S0409	.05410	7.1079	1.0	V
9005	54412.36	19 26S	70 18W	98.5	186.4	3.439	-14.70	42.7	S0409	.05410	7.1739	1.2	F
9006	54417.96	18 19S	70 19W	100.0	186.8	3.574	-15.05	42.8	S0409	.05410	7.1326	1.0	A
13A2 5001	59265.36	12 25N	86 11W	83.7	186.6	3.090	16.10	68.1	S0312	.04150	8.6654	1.0	F

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1382 9001	59271.16	11 6ON	86 18W	82.8	186.6	3.211	14.00	67.8	S0409	.05410	8.7571	0.8	F
9002	59276.96	12 0N	86 18W	83.5	186.6	3.090	15.05	67.9	S0409	.05410	8.6169	1.0	A
1387 9001	85038.75	64 46N	177 54E	76.7	195.2	1.475	-9.45	46.8	S0409	.07190	9.4085	0.6	F
9002	85041.55	64 46N	177 55E	75.7	195.1	1.475	-9.10	46.8	S0409	.07190	9.6724	0.6	V
9003	85044.35	64 47N	177 56E	76.5	195.0	1.475	-8.75	46.8	S0409	.07190	9.4745	0.6	A
1388 5001	4240.74	44 57N	147 37E	72.8	189.1	2.511	-3.15	63.5	S0312	.04150	9.9434	0.4	F
5002	4243.34	44 57N	147 37E	72.0	189.1	2.511	-2.80	63.5	S0312	.04150	10.1907	0.4	V
5003	4257.34	43 51N	146 56E	74.7	188.9	2.511	-15.75	64.1	S0312	.04150	9.6713	0.4	F
5004	4260.14	43 51N	146 56E	73.8	188.9	2.511	-15.40	64.1	S0312	.04150	9.9351	0.4	V
9001	3857.34	70 39N	162 24E	80.0	194.3	1.332	12.25	41.3	S0409	.05410	9.0375	0.6	F
9002	3860.14	70 39N	162 25E	79.0	194.7	1.113	12.60	41.3	S0409	.05410	9.2684	0.6	V
9003	4240.74	44 57N	147 37E	72.9	189.1	2.511	-3.15	63.5	S0409	.05410	9.9445	0.4	F
9004	4243.34	44 57N	147 37E	72.0	189.1	2.511	-2.80	63.5	S0409	.05410	10.1919	0.4	V
9005	4245.94	44 57N	147 37E	72.8	189.0	2.511	-2.45	63.5	S0409	.05410	9.9610	0.6	A
9006	4259.94	43 51N	146 56E	73.8	188.9	2.511	-15.40	64.1	S0409	.09670	9.9363	0.4	V
9007	4262.74	43 51N	146 56E	74.5	188.9	2.511	-15.05	64.1	S0409	.09670	9.7384	0.4	A
9008	4955.74	3 44S	138 41E	101.1	186.4	2.511	27.65	56.4	S0409	.04090	7.0564	0.6	A
9009	5059.34	10 59S	136 46E	93.6	186.5	3.439	6.85	49.8	S0409	.05410	7.6274	0.6	A
1389 5001	9740.94	31 20N	121 34E	80.1	187.5	2.733	-25.90	70.5	S0312	.04150	9.0117	0.8	F
5002	9752.14	31 16N	121 34E	78.9	187.5	2.733	-25.20	70.5	S0312	.04150	9.2920	0.4	V
5003	9759.10	31 12N	121 24E	82.1	187.5	2.733	-28.70	70.5	S0312	.03150	8.8633	0.4	A
5004	9761.54	30 44N	121 19E	82.5	187.4	2.733	-29.05	70.6	S0312	.03150	8.8220	0.6	A
5005	9806.94	27 49N	120 43E	83.3	187.2	2.672	-29.40	71.1	S0312	.03150	8.7313	0.4	A
5006	10309.94	7 2S	113 56E	114.4	186.5	3.090	-41.65	52.4	S0312	.02260	6.3485	0.6	V
5007	10315.14	7 4S	113 56E	112.7	186.5	3.090	-39.55	51.9	S0312	.02260	6.3485	0.4	F
5008	10332.14	8 9S	116 6E	117.1	186.5	2.033	36.40	52.5	S0312	.02260	6.0502	0.4	A
9001	9459.54	51 12N	128 28E	81.3	190.3	2.170	24.50	58.9	S0409	.05410	9.0292	0.6	V
9002	9462.54	51 12N	128 28E	82.5	190.2	2.170	24.85	58.9	S0409	.05410	8.7418	0.6	A
9003	9541.14	45 57N	126 40E	82.7	189.2	2.385	26.60	63.4	S0409	.05410	9.8808	0.6	V
9004	9544.14	45 57N	126 41E	84.0	189.2	2.170	27.30	63.4	S0409	.05410	8.6169	0.6	A
9005	9566.74	43 45N	125 33E	74.6	188.9	2.733	9.80	64.5	S0409	.07190	9.7301	0.6	F
9006	9569.54	43 45N	125 33E	73.8	188.9	2.511	10.15	64.5	S0409	.07190	9.9528	0.6	V
9007	9594.94	41 59S	125 12E	75.3	188.6	2.511	15.05	65.8	S0409	.07190	9.7641	0.4	V
9008	9597.54	41 54N	125 13E	76.3	188.6	2.511	15.40	65.8	S0409	.07190	9.4892	0.6	A
9009	9621.74	40 0N	125 14E	86.1	188.4	2.385	30.45	67.3	S0409	.05410	8.5262	0.6	V
9010	9624.94	40 0N	125 14E	87.6	188.4	2.170	31.15	67.3	S0409	.05410	8.2623	0.6	A
9011	9748.34	31 22N	121 34E	80.2	187.5	2.733	-25.90	70.5	S0409	.05410	9.0127	0.8	F
9012	9752.14	31 16N	121 34E	78.9	187.5	2.733	-25.20	70.5	S0409	.07190	9.2951	0.4	V
9013	9754.94	31 16N	121 34E	79.6	187.5	2.733	-24.85	70.5	S0409	.07190	9.1282	0.4	A
9014	9770.14	29 49N	121 43E	74.3	187.4	3.090	-9.10	71.2	S0409	.07190	9.7466	0.4	F
9015	9772.74	29 50N	121 43E	73.4	187.4	3.090	-8.75	71.3	S0409	.07190	9.9940	0.6	V
9016	9777.94	29 17N	121 42E	73.9	187.4	3.090	-8.90	71.4	S0409	.07190	9.8043	0.4	F
9017	9783.34	29 0N	121 35E	73.4	187.3	3.090	-7.70	71.4	S0409	.07190	9.9940	0.4	V
9018	9787.34	28 46N	121 31E	74.3	187.3	3.090	-7.35	71.5	S0409	.07190	9.7466	0.4	F
9019	9790.74	28 35N	121 26E	73.7	187.3	3.090	-9.45	71.5	S0409	.05410	9.9445	0.6	V
9020	9793.54	28 30N	121 26E	74.5	187.3	3.090	-9.10	71.5	S0409	.05410	9.7301	0.6	A
9021	9798.94	27 51N	121 AE	76.2	187.3	3.090	-16.45	71.4	S0409	.05410	9.4910	0.4	F
9022	9840.74	24 53N	121 16E	77.9	187.1	3.090	12.95	72.2	S0409	.05410	9.3178	0.6	F
9023	9846.54	24 52N	121 16E	76.4	187.1	3.090	14.00	72.2	S0409	.05410	9.2106	0.4	A
9024	9847.34	23 50N	120 23E	76.0	187.0	3.211	-11.20	71.6	S0409	.05410	9.5405	1.0	A
9025	9870.54	22 43N	120 25E	76.4	187.0	3.211	-4.55	71.6	S0409	.07190	9.6064	1.0	F
9026	9877.94	22 43N	120 25E	76.4	186.9	3.211	-3.50	71.7	S0409	.07190	9.6900	1.0	A
9027	10219.14	1 19S	116 50E	94.9	186.4	3.090	21.70	58.4	S0409	.05410	7.6192	0.6	F
9028	10223.54	1 19S	116 50E	94.4	186.4	2.872	22.40	58.4	S0409	.05410	7.7181	0.6	V
9029	10234.74	2 14S	115 26E	93.1	186.4	3.439	-24.85	58.8	S0409	.05410	7.7161	0.8	F
1390 5001	14541.54	66 29N	112 25E	78.4	196.6	1.332	-15.05	45.2	S0312	.04150	9.2178	0.6	F
5002	14544.34	66 29N	112 25E	77.3	196.1	1.332	-14.70	45.2	S0312	.04150	9.4652	0.6	V
5003	14749.74	50 29N	106 10E	84.9	190.0	2.170	27.65	59.6	S0312	.03150	8.5500	0.6	A
9001	14544.34	66 29N	112 25E	77.3	196.1	1.332	-14.70	45.2	S0409	.07190	9.4663	0.4	V
9002	14547.14	66 29N	112 24E	78.1	196.0	1.332	-14.70	45.2	S0409	.07190	9.2764	0.6	A
9003	14561.74	66 27N	112 21E	75.8	195.8	1.332	-9.10	45.7	S0409	.07190	9.6642	0.6	V
9004	14564.54	66 27N	112 20E	76.6	195.7	1.332	-8.10	45.7	S0409	.07190	9.4580	0.4	A
9005	14775.34	50 42N	106 5E	79.7	190.2	2.170	22.75	59.3	S0409	.05410	9.2106	0.4	V
9006	14778.14	50 43N	106 5E	80.9	190.1	2.170	23.10	59.3	S0409	.05410	8.9550	0.4	A
9007	14974.14	37 0N	100 47E	76.4	188.0	2.511	-23.10	68.2	S0409	.05410	9.4496	0.8	F
9008	14979.54	37 0N	100 48E	75.9	188.0	2.733	-22.40	68.2	S0409	.05410	9.5735	1.0	A
1391 5001	20050.74	53 0N	83 19E	75.7	190.7	2.033	-18.55	56.9	S0312	.04150	9.6795	0.4	V
5002	20053.34	53 0N	83 19E	76.5	190.6	2.033	-18.20	56.9	S0312	.03150	9.5064	0.6	A
5003	20103.54	49 16N	81 53E	78.2	189.9	2.033	-23.10	59.9	S0312	.03150	9.2425	0.6	F
5004	20106.33	49 16N	81 53E	77.1	189.8	2.033	-22.75	59.9	S0312	.03150	9.5064	0.6	V
5005	20109.14	49 16N	81 53E	77.8	189.8	2.033	-22.40	59.9	S0312	.03150	9.3497	0.6	A
5006	20149.54	46 13N	80 50E	80.3	189.3	2.033	-26.95	62.2	S0312	.02260	8.9869	1.0	F
5007	20154.34	46 13N	80 51E	79.8	189.2	2.170	-26.25	62.2	S0312	.02260	9.1106	1.0	A
5008	20186.34	43 59N	81 42E	79.4	188.9	2.385	22.75	64.7	S0312	.02260	9.2543	0.6	V
5009	20189.33	43 59N	81 42E	80.6	188.9	2.385	23.10	64.7	S0312	.02260	8.9869	0.6	A

Handle via
BYEMAN Channels
BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1391 5010	20377.54	30 40N	76 48E	89.2	187.4	2.511	-37.45	70.3	S0312	.02260	8.1954	1.0	V
5011	20380.93	30 42N	76 48E	90.0	187.4	2.511	-37.10	70.4	S0312	.02260	8.0800	0.8	A
5012	20542.33	19 0N	74 46E	87.6	186.8	2.872	-32.20	70.1	S0312	.03150	8.2037	1.0	F
5013	20545.53	19 0N	74 46E	86.4	186.8	2.872	-31.85	70.1	S0312	.03150	8.4510	1.0	V
9001	19994.13	56 40N	84 56E	75.7	191.7	1.810	-13.65	53.9	S0409	.07190	9.5405	2.0	F
9002	19999.54	56 40N	84 56E	75.4	191.6	2.033	-13.30	53.9	S0409	.07190	9.6147	2.0	A
9003	20008.34	56 40N	84 54E	73.9	191.5	2.033	-4.20	54.8	S0409	.07190	9.7879	0.6	F
9004	20013.74	55 40N	84 54E	73.8	191.3	2.033	-3.50	54.9	S0409	.07190	9.8208	0.6	A
9005	20040.13	53 30N	83 48E	74.4	190.9	2.033	-10.85	56.6	S0409	.07190	9.7136	0.6	F
9006	20045.54	53 30N	83 48E	74.2	190.8	2.170	-10.15	56.6	S0409	.07190	9.7714	0.4	A
9007	20058.94	52 10N	83 33E	73.4	190.5	2.170	-4.55	57.7	S0409	.07190	9.8558	0.6	F
9008	20061.74	52 10N	83 33E	72.5	190.5	2.170	-4.20	57.7	S0409	.07190	10.1012	0.4	V
9009	20064.34	52 10N	83 33E	73.3	190.4	2.170	-3.85	57.7	S0409	.07190	9.8868	0.4	A
9010	20179.74	43 50N	81 20E	73.9	188.9	2.511	6.40	64.3	S0409	.05410	9.8204	0.6	F
9011	20225.33	41 10N	80 16E	72.2	188.3	2.733	-2.10	66.8	S0409	.07190	10.0352	0.6	A
9012	20278.34	37 0N	79 56E	79.2	188.1	2.733	21.00	68.9	S0409	.05410	9.1777	0.6	F
9013	20281.13	37 0N	79 55E	78.3	188.1	2.511	21.35	68.9	S0409	.05410	9.3756	0.6	V
1392 5001	25305.13	56 30N	61 50E	86.9	191.7	1.475	-32.90	53.9	S0312	.03150	8.2944	1.4	F
5002	25308.93	56 20N	61 50E	85.4	191.6	1.687	-32.55	53.9	S0312	.03150	8.5829	2.0	V
5003	25313.33	56 20N	61 49E	85.7	191.5	1.687	-31.85	54.0	S0312	.03150	8.4922	1.2	A
5004	25320.73	56 20N	61 46E	81.2	191.3	1.687	-26.25	54.9	S0312	.03150	8.8962	2.0	F
5005	25327.73	56 10N	61 44E	82.7	191.2	1.687	-29.75	55.1	S0312	.03150	8.8633	0.8	V
5006	25330.73	56 10N	61 29E	83.0	191.2	1.687	-29.40	55.1	S0312	.03150	8.7251	0.8	A
5007	25355.13	54 0N	60 58E	79.6	190.7	1.810	-24.50	56.9	S0312	.03150	9.0611	0.4	F
5008	25357.93	53 0N	60 58E	78.6	190.7	2.033	-24.50	56.9	S0312	.03150	9.3332	0.6	V
5009	25363.73	52 40N	60 25E	85.5	190.6	1.810	-33.60	57.0	S0312	.03150	8.5582	0.6	V
5010	25366.93	52 40N	60 25E	86.2	190.5	1.810	-33.25	57.0	S0312	.03150	8.4345	0.6	A
5011	25368.53	52 30N	60 23E	86.1	190.5	1.810	-33.25	57.1	S0312	.03150	8.4428	0.4	A
5012	25377.13	51 30N	60 5E	85.8	190.4	1.687	-32.90	58.0	S0312	.03150	8.4015	0.6	F
5013	25381.53	51 10N	60 18E	80.1	190.3	2.033	-25.90	58.3	S0312	.03150	9.0194	0.4	F
5014	25384.33	51 10N	60 19E	78.9	190.2	2.033	-25.55	58.3	S0312	.03150	9.2838	0.6	V
5015	25387.33	51 0N	60 14E	79.1	190.2	2.033	-25.30	58.5	S0312	.03150	9.2598	0.6	V
5016	25390.33	51 0N	60 13E	80.1	190.2	2.033	-25.90	58.5	S0312	.03150	9.0859	0.6	A
5017	25394.33	50 40N	60 14E	78.4	190.1	2.033	-23.10	58.7	S0312	.03150	9.2838	0.4	A
5018	26403.53	18 30S	47 32E	108.1	186.8	2.733	23.10	43.0	S0312	.03150	6.6366	0.4	V
5019	26407.53	18 30S	47 32E	110.2	186.8	2.511	23.80	43.0	S0312	.03150	6.4557	0.6	A
9001	25339.33	54 9N	61 33E	77.4	191.0	2.033	-19.95	56.8	S0409	.05410	9.3343	0.8	F
9002	25344.93	54 9N	61 33E	77.0	190.9	2.033	-19.25	56.8	S0409	.05410	9.4333	0.8	A
9003	25347.33	51 0N	60 14E	79.1	190.2	2.033	-25.90	58.5	S0409	.07190	9.2601	0.4	V
9004	25390.33	51 0N	60 13E	80.0	190.2	2.033	-25.90	58.5	S0409	.07190	9.0869	0.4	A
9005	25469.73	45 10N	59 20E	73.1	189.1	2.511	0.35	63.3	S0409	.07190	9.9198	1.4	F
9006	25474.93	45 11N	59 19E	73.0	189.1	2.511	1.05	63.3	S0409	.07190	9.9198	1.4	A
9007	25571.93	39 1N	58 22E	87.4	188.2	2.511	30.45	68.6	S0409	.03090	8.3283	1.0	F
9008	25575.13	38 1N	58 22E	86.3	188.2	2.511	30.40	68.6	S0409	.03090	8.4685	1.0	V
9009	26301.73	11 31S	47 18E	102.3	186.9	3.574	-27.30	48.8	S0409	.05410	7.8098	1.0	A
1393 5001	30618.53	55 59N	40 18E	76.1	191.5	1.810	-16.10	54.5	S0312	.04150	9.4899	0.4	F
5002	30623.93	55 59N	40 18E	75.9	191.4	2.033	-15.75	54.5	S0312	.04150	9.5723	0.4	A
5003	30629.33	55 17N	39 32E	82.0	191.3	1.810	-27.65	55.0	S0312	.03150	8.7373	0.6	F
5004	30634.53	54 57N	39 3E	87.9	191.2	1.475	-34.30	55.2	S0312	.03150	8.1789	0.8	F
5005	30637.73	54 57N	39 3E	86.6	191.1	1.687	-34.30	55.2	S0312	.03150	8.4510	0.8	V
5006	30647.93	54 10N	37 59E	83.9	190.8	1.810	-30.80	98.2	S0312	.03150	8.5312	0.6	F
5007	30693.73	51 20N	37 51E	86.2	190.2	2.033	-33.60	58.2	S0312	.03150	8.4428	0.8	A
5008	30713.73	49 40N	37 48E	78.5	189.9	2.033	-24.45	59.6	S0312	.03150	9.3415	0.6	V
5009	30716.53	49 40N	37 43E	79.2	189.9	2.033	-24.50	59.6	S0312	.03150	9.1848	0.6	A
5010	30759.33	46 40N	36 47E	80.0	189.3	2.170	-26.25	61.8	S0312	.03150	9.1106	1.0	A
5011	30773.93	45 48N	36 30E	78.7	189.2	2.170	-24.15	62.9	S0312	.04250	9.1683	0.8	F
5012	30777.53	45 20N	36 30E	77.4	189.1	2.170	-23.45	62.9	S0312	.03150	9.4652	0.6	V
5013	30780.33	45 20N	36 20E	78.2	189.1	2.385	-23.45	62.9	S0312	.03150	9.3003	0.8	A
5014	30942.73	32 14N	34 49E	86.7	187.8	2.733	28.70	71.3	S0312	.03150	8.3933	0.6	F
5015	30965.93	32 15N	34 49E	85.8	187.8	2.511	29.05	71.3	S0312	.03150	8.5252	0.6	V
5016	30972.53	31 40N	34 43E	86.3	187.8	2.511	29.40	71.5	S0312	.03150	8.5170	0.8	V
5017	31926.93	33 34S	22 12E	113.5	187.7	2.511	12.60	29.2	S0312	.04150	6.3258	1.0	V
5018	31932.33	33 30S	22 23E	117.9	187.7	2.385	14.55	28.9	S0312	.03150	6.0447	1.0	V
5019	31939.33	34 7S	22 9E	117.0	187.8	2.511	14.35	28.7	S0312	.03150	6.0352	1.2	A
9001	30354.93	73 22N	54 52E	78.3	203.2	0.986	4.20	38.6	S0409	.07190	9.2271	1.2	F
9002	30360.53	73 22N	54 52E	78.1	202.7	0.986	4.55	38.6	S0409	.07190	9.2601	1.2	A
9003	30543.73	58 10N	41 41E	74.5	192.3	1.810	-7.35	52.6	S0409	.07190	9.7054	0.4	F
9004	30546.33	58 10N	41 40E	73.6	192.2	1.810	-7.35	52.6	S0409	.07190	9.9528	0.4	V
9005	30590.33	57 50N	41 16E	75.5	192.1	1.810	-12.60	52.9	S0409	.07190	9.5735	0.6	F
9006	30595.73	57 50N	41 15E	75.2	192.0	1.810	-12.25	52.9	S0409	.07190	9.6394	0.6	A
9007	30598.53	57 41N	41 11E	75.1	192.0	1.810	-11.90	53.1	S0409	.07190	9.6477	0.6	A
9008	30602.93	57 1N	40 60E	74.7	191.9	1.810	-9.80	53.7	S0409	.07190	9.6724	1.0	F
9009	30608.33	57 1N	40 59E	74.6	191.7	2.033	-9.80	53.7	S0409	.07190	9.7219	0.6	A
9010	30617.53	56 3N	40 20E	76.2	191.5	1.810	-16.10	54.4	S0409	.07190	9.4910	1.0	F
9011	30623.13	56 2N	40 20E	75.9	191.4	2.033	-15.75	54.5	S0409	.07190	9.5735	0.8	A
9012	30634.73	54 50N	39 3E	88.0	191.2	1.475	-34.30	55.2	S0409	.05410	8.1799	0.6	F
9013	30637.93	54 50N	39 3E	86.7	191.1	1.687	-34.30	55.2	S0409	.05410	8.4520	0.6	V
9014	30646.33	54 40N	39 57E	74.1	191.0	2.170	-9.10	55.9	S0409	.07190	9.7961	0.4	A
9015	30749.93	47 10N	37 35E	72.3	189.4	2.385	-6.30	61.8	S0409	.07190	10.1507	0.4	V
9016	30752.53	47 10N	37 35E	73.0	189.4	2.385	-5.95	61.8	S0409	.07190	9.9260	0.4	A
9017	30922.93	35 9N	33 58E	79.3	187.9	2.511	-24.85	69.1	S0409	.05410	9.0952	0.8	F

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1393 9018	30925.93	35 0N	33 57E	79.2	187.8	2.733	-24.85	69.1	S0409	.05410	9.3673	0.8	V
9019	30952.53	32 54N	35 6E	90.1	187.7	2.511	32.20	71.1	S0409	.03090	8.0562	0.6	F
9020	30955.73	32 54N	35 6E	89.4	187.6	2.511	32.55	71.2	S0409	.03090	8.1799	0.6	V
9021	30965.73	32 14N	34 49E	85.8	187.6	2.511	29.05	71.3	S0409	.05410	8.5252	0.8	V
9022	30968.93	32 14N	34 50E	87.5	187.6	2.511	29.75	71.3	S0409	.05410	8.2541	0.6	A
9023	30971.93	31 40N	34 44E	86.2	187.6	2.511	29.40	71.5	S0409	.03090	8.3180	1.0	V
9024	30980.53	31 7N	33 51E	74.2	187.5	3.090	3.15	71.1	S0409	.04630	9.7651	0.8	F
9025	30985.93	31 7N	33 50E	74.3	187.5	3.090	3.85	71.1	S0409	.04090	9.7301	0.8	A
9026	30993.73	30 14N	33 25E	73.8	187.4	3.090	-6.30	71.2	S0409	.04090	9.8043	0.8	F
9027	30998.93	30 14N	33 25E	73.8	187.4	3.090	-5.25	71.2	S0409	.04090	9.8126	1.0	A
9028	31082.73	24 0N	32 59E	81.8	187.0	3.090	19.95	72.3	S0409	.04090	8.8726	1.0	F
9029	31088.73	23 60N	32 49E	82.5	187.0	2.872	21.00	72.4	S0409	.04090	8.7489	0.8	A
1394 5001	35712.13	70 0N	29 45E	82.5	199.2	1.332	21.35	41.8	S0312	.04150	8.8798	0.8	V
5002	35968.53	53 11N	16 46E	78.9	190.7	1.810	-24.85	56.8	S0312	.03150	9.2755	0.6	V
5003	35971.33	53 11N	16 46E	79.7	190.6	2.033	-24.85	56.8	S0312	.03150	9.1189	0.6	A
5004	35989.93	51 40N	18 11E	83.7	190.3	2.033	26.60	58.5	S0312	.03150	8.6571	0.4	A
5005	36009.33	50 0N	17 27E	81.3	190.0	2.170	23.80	59.9	S0312	.03150	8.9540	0.4	F
5006	36012.13	50 1N	17 27E	80.6	190.0	2.170	24.15	59.9	S0312	.03150	9.1139	0.4	V
5007	36025.13	49 19N	17 24E	85.3	189.8	2.033	28.70	60.5	S0312	.03150	8.4322	0.6	A
5008	36031.53	48 50N	17 9E	83.2	189.7	2.033	26.25	60.8	S0312	.03150	8.7149	0.6	A
5009	36035.13	48 40N	17 7E	84.5	189.7	2.033	29.05	61.2	S0312	.03150	8.6319	0.8	V
5010	36038.13	48 30N	17 4E	86.2	189.7	2.033	29.75	61.2	S0312	.03150	8.4015	0.8	A
5011	36041.53	48 11N	17 9E	88.3	189.6	2.033	31.85	61.4	S0312	.03150	8.1954	0.6	A
5012	36049.33	47 41N	16 35E	80.3	189.5	2.170	22.40	61.7	S0312	.03150	9.0364	0.4	A
5013	36053.53	45 17N	14 34E	74.7	189.1	2.385	-17.85	63.0	S0312	.04150	9.0052	0.4	V
5014	36086.33	45 17N	14 34E	75.5	189.1	2.385	-17.50	63.0	S0312	.04150	9.6301	0.4	A
5015	36649.33	6 47N	7 31E	89.6	186.5	2.872	20.65	64.4	S0312	.03150	8.0148	0.4	A
9001	35946.13	54 54N	19 34E	74.0	191.1	2.033	8.40	55.9	S0409	.09670	9.9115	0.8	V
9002	35949.93	54 54N	18 34E	74.8	191.0	2.033	8.75	55.9	S0409	.03670	9.6642	0.6	A
9003	35982.13	51 54N	17 47E	76.7	190.5	2.170	14.70	58.2	S0409	.07190	9.9498	0.8	F
9004	35984.93	51 54N	17 47E	75.9	190.4	2.170	15.05	58.2	S0409	.07190	9.6559	0.4	V
9005	36000.13	50 54N	17 26E	76.1	190.2	2.170	15.75	59.1	S0409	.07190	9.6477	0.8	V
9006	36002.93	50 54N	17 26E	77.1	190.1	2.170	16.10	59.1	S0409	.07190	9.4003	0.6	A
9007	36017.73	49 54N	17 45E	89.7	189.9	2.033	33.95	60.3	S0409	.05410	9.1799	0.4	V
9008	36020.93	49 53N	17 44E	91.3	189.9	1.310	34.65	60.3	S0409	.05410	7.9525	0.4	A
9009	36055.33	47 10N	16 38E	84.0	189.4	2.170	27.30	62.1	S0409	.05410	8.6169	0.4	A
9010	36064.73	46 47N	15 50E	76.1	189.3	2.385	16.45	62.6	S0409	.07190	9.6312	0.6	V
9011	36067.53	46 47N	15 50E	77.2	189.3	2.385	16.80	62.6	S0409	.07190	9.3756	0.6	A
9012	36077.53	45 50N	15 7E	72.8	189.2	2.511	-4.90	62.8	S0409	.07190	9.9610	0.8	A
9013	36095.73	44 0N	15 22E	77.9	189.0	2.511	17.85	64.3	S0409	.07190	9.3178	1.0	F
9014	36101.33	44 0N	15 22E	78.3	188.9	2.385	18.90	64.3	S0409	.07190	9.2436	1.0	A
9015	36263.53	32 40N	12 30E	78.0	187.6	2.733	18.20	70.8	S0409	.05410	9.4003	0.4	V
9016	36266.33	32 39N	12 30E	79.1	187.6	2.733	18.55	70.9	S0409	.05410	9.1282	0.4	A
1395 9001	41445.32	41 11N	8 37W	75.6	188.3	2.511	-18.20	65.8	S0409	.07190	9.5497	0.8	F
9002	41450.92	41 10N	8 37W	75.4	188.3	2.511	-17.50	65.8	S0409	.07190	9.6229	0.6	A
9003	41480.72	39 40N	9 8W	74.4	188.2	2.733	-15.75	67.3	S0409	.07190	9.6542	0.6	F
9004	41485.92	39 40N	9 8W	74.6	188.2	2.733	-15.05	67.4	S0409	.07190	9.7219	0.8	A
9005	41818.12	19 38N	13 10W	78.1	186.7	3.211	6.65	69.6	S0409	.05410	9.5991	1.2	V
1396 5001	47681.12	22 21S	43 24W	113.7	187.0	3.211	-30.10	33.5	S0312	.03150	9.2579	0.4	F
5002	47685.32	22 20S	43 10W	107.1	187.0	3.439	-27.80	38.6	S0312	.04150	9.7361	0.6	V
5003	47689.32	22 20S	43 10W	108.3	187.0	3.439	-23.10	38.6	S0312	.04150	9.6041	0.4	A
1397 5001	52845.32	13 4S	63 46W	109.4	186.6	3.211	-35.00	47.3	S0312	.03150	9.6124	1.0	V
5002	52853.12	13 37S	63 41W	104.7	186.6	3.439	-30.45	46.9	S0312	.03150	9.9174	1.0	V
5003	53021.52	25 3S	66 10W	118.6	187.1	3.090	-34.65	36.4	S0312	.03150	9.0765	1.2	V
5004	53078.92	28 20S	64 53W	117.3	187.3	2.385	22.05	33.8	S0312	.03150	9.0270	1.2	A
5005	53097.52	30 19S	66 16W	106.3	187.4	3.090	-8.05	32.0	S0312	.04150	9.7508	0.8	V
5006	53101.52	30 19S	66 16W	107.9	187.4	3.090	-7.70	32.0	S0312	.04150	8.5376	0.4	A
9001	52864.92	14 10S	62 59W	94.7	186.6	3.439	-2.80	46.8	S0409	.05410	7.5367	1.0	A
9002	52871.12	15 12S	63 6W	95.0	186.6	3.439	-2.45	46.0	S0409	.05410	7.5449	1.0	F
9003	52908.12	17 40S	63 10W	100.1	186.7	3.090	11.20	43.8	S0409	.05410	7.1739	0.8	F
9004	52915.32	17 40S	63 10W	101.0	186.7	2.872	12.60	43.9	S0409	.05410	7.0357	1.0	A
9005	53064.52	28 03S	65 6W	110.3	187.3	2.733	14.00	33.9	S0409	.05410	6.4730	1.2	F
9006	53206.72	37 42S	67 39W	112.3	188.1	2.733	-0.35	25.1	S0409	.07190	6.3523	1.2	V
9007	53213.12	37 30S	67 49W	114.0	188.1	2.872	-3.15	24.9	S0409	.07190	6.1926	1.2	A
9008	53416.92	51 04S	69 18W	157.1	190.4	0.986	35.00	12.5	S0409	.07190	9.4462	1.0	A
1398 5001	57837.11	8 32N	80 21W	91.5	186.5	2.872	25.20	65.9	S0312	.03150	7.9498	0.8	F
5002	57830.31	9 32N	80 22W	91.0	186.5	2.872	25.55	65.9	S0312	.03150	8.0388	0.6	V
9001	57630.71	22 12N	78 48W	76.4	186.9	3.211	-11.55	71.4	S0409	.05410	9.4745	0.8	F
9002	57636.31	21 40N	78 47W	75.9	186.9	3.211	-7.70	71.4	S0409	.05410	9.5405	0.4	F
9003	57641.31	21 21N	78 51W	76.2	186.9	3.211	-9.45	71.4	S0409	.05410	9.4992	0.6	A
9004	57838.91	8 12N	80 53W	82.8	186.5	3.211	8.75	65.4	S0409	.05410	8.6329	1.0	A
9005	57846.31	7 42N	81 1W	82.6	186.5	3.439	6.65	65.0	S0409	.05410	8.7076	0.8	A
1399 5001	61456.71	54 55N	73 23E	96.5	348.8	-2.028	7.70	-5.5	S0312	.23710	7.4451	0.4	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1399 5002	62707.71	37 41N	97 25W	72.7	188.1	2.872	-2.80	68.1	S0312	.04150	9.9681	0.6	F
5003	62712.91	37 41N	97 25W	72.8	188.1	2.872	-1.75	68.1	S0312	.04150	9.9681	0.6	A
9001	62707.71	37 41N	97 25W	72.7	188.1	2.872	-2.80	68.1	S0409	.05410	9.9693	0.6	F
9002	62712.91	37 41N	97 25W	72.7	188.1	2.872	-1.75	68.1	S0409	.05410	9.9693	0.6	A
9003	62861.31	27 19N	99 54W	74.2	187.2	3.090	-11.20	71.6	S0409	.07190	9.8786	1.0	V
1404 5001	2693.30	46 54N	154 15E	79.8	189.7	2.170	-26.95	60.1	S0312	.04150	9.1756	0.6	V
5002	2686.10	48 54N	154 15E	80.5	189.7	2.170	-26.60	60.1	S0312	.04150	9.0564	0.8	A
9001	2693.70	61 52N	160 34E	75.3	193.6	1.687	-2.45	49.3	S0409	.05410	9.6312	0.6	A
9002	2621.70	52 51N	156 16E	74.1	190.7	2.170	-8.05	57.1	S0409	.05410	9.7651	0.4	F
9003	2624.30	52 51N	156 16E	73.2	190.6	2.170	-7.70	57.1	S0409	.05410	10.0187	0.6	V
9004	2627.10	52 50N	156 16E	73.9	190.6	2.170	-7.35	57.1	S0409	.05410	9.8126	0.4	A
9005	2655.70	50 36N	156 8E	74.5	190.1	2.385	10.50	59.1	S0409	.09670	9.8558	0.4	V
9006	2658.30	50 39N	156 8E	75.4	190.1	2.385	10.85	59.1	S0409	.09670	9.6064	0.4	A
9007	2672.50	49 25N	154 48E	75.4	189.9	2.170	-16.80	59.8	S0409	.07190	9.5735	0.8	F
9008	2677.90	49 25N	154 47E	75.2	189.8	2.385	-16.45	59.8	S0409	.07190	9.6642	0.8	A
1405 5001	8826.09	9 36S	122 15E	110.7	186.5	2.385	32.90	52.5	S0312	.02250	8.5547	0.8	V
9001	8058.49	44 8N	131 49E	73.7	189.8	2.733	5.60	64.1	S0409	.05410	9.8373	0.4	F
9002	8063.89	44 7N	131 49E	73.9	188.9	2.511	6.65	64.1	S0409	.05410	9.8126	0.8	A
9003	8083.49	42 57N	131 11E	72.1	188.7	2.733	-1.40	65.0	S0409	.09670	10.1754	0.4	V
9004	8046.09	42 57N	131 11E	72.9	188.7	2.733	-1.05	65.0	S0409	.09670	9.9445	0.4	A
9005	8535.09	11 16N	125 0E	82.5	186.5	3.211	12.60	67.4	S0409	.05410	8.7301	0.6	F
9006	8553.29	10 19N	123 54E	85.1	186.5	3.439	-25.20	66.1	S0409	.05410	8.5039	0.4	V
9007	8556.29	10 20N	123 54E	86.0	186.5	3.439	-24.85	66.1	S0409	.05410	8.4108	0.6	A
9008	8541.89	8 27N	124 37E	86.4	186.5	3.090	17.50	65.7	S0409	.05410	8.3118	1.0	A
1406 5001	13255.09	51 41N	113 6E	87.4	190.4	2.170	30.45	58.4	S0312	.03150	8.3026	0.4	F
5002	13267.29	51 42N	113 2E	87.4	190.4	2.170	30.45	58.6	S0312	.03150	8.3109	0.4	F
5003	13268.69	50 59N	110 60E	76.1	190.2	2.170	-18.55	58.5	S0312	.03150	9.5064	1.0	F
5004	13274.29	50 59N	110 60E	75.8	190.1	2.170	-17.85	58.5	S0312	.03150	9.5371	0.6	A
5005	13403.09	40 41N	109 3E	76.8	188.4	2.511	16.45	66.6	S0312	.03150	9.4497	0.6	A
5006	13580.29	29 30N	106 48E	84.7	187.4	2.511	27.65	72.0	S0312	.03150	8.6654	1.0	V
5007	13543.49	29 30N	106 46E	86.1	187.4	2.511	28.00	72.0	S0312	.03150	8.4015	0.4	A
5008	13590.09	29 14N	106 42E	85.6	187.3	2.511	28.00	72.1	S0312	.03150	8.4510	0.4	A
9001	13268.69	50 59N	110 60E	76.1	190.2	2.170	-18.55	58.5	S0409	.07190	9.5075	0.8	F
9002	13274.09	50 59N	110 60E	75.8	190.1	2.170	-17.85	58.5	S0409	.07190	9.5382	1.0	A
9003	13413.29	40 50N	109 38E	87.8	188.5	2.511	30.80	66.7	S0409	.04090	8.3046	0.6	F
9004	13416.49	40 52N	109 38E	87.1	188.5	2.511	31.15	66.7	S0409	.04090	8.4355	0.6	V
9005	13516.29	33 50N	106 48E	73.0	187.7	2.872	-7.70	69.8	S0409	.07190	9.9198	0.6	F
9006	13521.49	33 50N	106 47E	72.9	187.7	2.872	-7.00	69.8	S0409	.07190	9.9445	0.6	A
9007	13535.29	33 39N	106 57E	74.0	187.6	2.872	8.05	70.5	S0409	.07190	9.7796	0.4	A
9008	13630.09	26 14N	105 49E	78.6	187.2	2.872	18.55	72.3	S0409	.05410	9.3343	0.6	V
9009	13632.89	26 14N	105 49E	79.8	187.1	2.872	18.90	72.3	S0409	.05410	9.8540	0.6	A
1407 5001	18489.69	56 41N	93 8E	88.5	191.8	2.033	30.45	54.1	S0312	.03150	8.2202	0.4	F
5002	18492.69	56 42N	93 9E	87.9	191.8	1.810	31.15	54.1	S0312	.03150	8.3603	0.6	V
5003	18498.09	56 15N	92 17E	78.8	191.6	2.033	17.85	54.4	S0312	.03150	9.2096	0.8	F
5004	18500.89	56 15N	92 17E	78.0	191.6	2.033	18.20	54.4	S0312	.04150	9.3992	1.2	V
5005	18504.49	56 10N	92 15E	79.1	191.5	2.033	18.55	54.5	S0312	.03150	9.1518	0.6	A
5006	18540.29	53 40N	91 25E	81.6	190.8	2.033	23.10	56.6	S0312	.03150	8.8798	0.8	B
5007	18683.49	43 40N	87 39E	74.0	188.9	2.511	11.55	64.3	S0312	.03150	9.9269	0.6	V
5008	18686.29	43 40N	87 39E	75.0	188.9	2.511	11.90	64.4	S0312	.03150	9.6795	0.4	A
5009	18723.89	40 49N	87 5E	78.2	188.3	2.733	18.90	66.5	S0312	.03150	9.3303	0.4	F
5010	18729.09	40 51N	87 5E	78.7	188.3	2.511	19.95	66.5	S0312	.03150	9.2096	0.4	A
5011	19087.49	15 52N	80 30E	88.1	186.7	2.872	-30.10	68.9	S0312	.03150	8.1624	0.8	F
5012	19090.89	15 53N	80 29E	87.1	186.7	3.090	-30.80	68.9	S0312	.03150	8.3933	0.8	V
9001	18466.49	58 26N	92 17E	74.8	192.4	1.810	-6.30	52.3	S0409	.05410	9.6642	0.6	F
9002	18471.89	58 26N	92 17E	74.7	192.2	1.810	-5.95	52.3	S0409	.05410	9.7136	0.6	A
9003	18501.49	56 10N	92 15E	78.0	191.6	2.033	18.20	54.5	S0409	.07190	9.4003	0.6	V
9004	18504.29	56 10N	92 16S	79.6	191.5	2.033	18.55	54.5	S0409	.07190	9.1529	0.8	A
9005	18514.89	56 43N	90 45E	73.9	191.3	2.033	-11.20	54.9	S0409	.07190	9.9198	0.6	V
9006	18517.69	56 43N	90 45E	74.6	191.2	2.033	-10.85	54.9	S0409	.07190	9.7219	0.6	A
9007	18534.49	53 42N	91 30E	82.8	190.9	2.170	24.50	56.7	S0409	.05410	8.7189	0.6	F
9008	18678.29	43 39N	87 40E	74.5	188.9	2.733	9.80	64.2	S0409	.07190	9.7584	1.0	F
9009	18681.09	43 29N	87 17E	72.4	188.8	2.733	2.45	64.5	S0409	.05410	10.0105	0.6	A
9010	18703.49	42 14N	87 21E	76.3	188.7	2.733	15.40	65.5	S0409	.05410	9.5107	1.0	F
9011	18709.89	42 14N	87 21E	76.6	188.6	2.511	16.45	65.5	S0409	.05410	9.4498	1.0	A
9012	19090.89	15 53N	80 29E	87.1	186.7	3.090	-30.80	68.9	S0409	.05410	8.3343	0.8	V
9013	19094.09	15 52N	80 30E	87.6	186.7	3.090	-30.10	68.9	S0409	.05410	8.2706	0.8	A
9014	19121.09	13 47N	80 15E	84.5	186.6	3.211	-26.25	68.0	S0409	.05410	8.6334	0.6	V
9015	19124.09	13 47N	80 14E	85.4	186.6	3.211	-25.90	68.0	S0409	.05410	8.4685	0.6	A
9016	19130.09	13 8N	80 18E	81.4	186.6	3.211	-19.95	67.8	S0409	.05410	8.9633	0.6	V
9017	19135.09	12 55N	80 11E	83.8	186.6	3.211	-21.00	67.5	S0409	.05410	8.6664	0.8	F
9018	19139.09	12 55N	80 11E	82.0	186.6	3.211	-20.65	67.5	S0409	.05410	8.9055	0.8	V
9019	19141.09	12 55N	80 11E	82.9	186.5	3.439	-20.30	67.5	S0409	.05410	8.7241	0.8	A
1408 5001	23876.28	51 30N	66 21E	86.4	190.4	1.687	-33.25	57.8	S0312	.03150	8.3521	1.6	F

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1408 5002	23879.09	51 26N	66 17E	86.3	190.3	1.687	-33.25	58.0	SO312	.03150	8.3603	0.6	F
5003	23883.09	51 10N	66 21E	83.3	190.3	1.687	-29.75	58.2	SO312	.03150	8.6571	0.8	F
5004	23884.08	51 10N	66 20E	82.3	190.2	1.687	-29.75	58.2	SO312	.03150	8.9045	0.8	V
5005	23888.49	50 60N	66 17E	82.3	190.2	1.687	-29.75	58.4	SO312	.03150	8.9045	0.4	V
5006	23891.49	50 60N	66 18E	82.7	190.1	2.033	-29.40	58.4	SO312	.03150	8.8056	0.4	A
5007	23892.68	50 55N	66 17E	82.7	190.1	2.033	-29.40	58.4	SO312	.03150	8.8056	0.4	A
5008	23926.49	47 56N	67 33E	87.9	189.6	2.170	31.15	61.5	SO312	.02260	8.2696	0.6	F
5009	23932.89	47 56N	67 34E	88.8	189.6	2.033	32.20	61.5	SO312	.02260	8.1624	0.6	A
5010	23976.88	44 42N	66 15E	83.2	189.0	2.511	25.90	64.0	SO312	.02260	8.7478	0.8	F
5011	23982.89	44 42N	66 15E	83.8	189.0	2.170	26.95	64.0	SO312	.02260	8.6407	0.8	A
9001	23692.49	68 56N	75 51E	82.3	197.9	0.986	-23.45	42.7	SO409	.07190	8.8308	0.6	V
9002	23695.49	68 56N	75 51E	83.2	197.7	0.986	-23.45	42.7	SO409	.07190	8.7076	0.6	A
9003	23825.88	54 55N	69 11E	75.1	191.2	2.170	7.70	55.5	SO409	.07190	9.6559	0.4	F
9004	23829.49	54 55N	69 11E	74.2	191.2	2.170	8.05	55.5	SO409	.07190	9.8786	0.6	V
9005	23883.08	51 9N	66 21E	83.3	190.3	1.687	-29.75	58.2	SO409	.05410	8.6582	0.8	F
9006	23886.08	51 9N	66 20E	82.3	190.2	1.687	-29.75	58.2	SO409	.07190	8.9055	0.8	V
9007	23976.88	44 42N	66 15E	83.2	189.0	2.511	25.90	64.0	SO409	.05410	8.7489	0.8	F
9008	23982.68	44 42N	66 16E	83.7	189.0	2.170	26.95	64.0	SO409	.04090	8.6417	1.0	A
1409 5001	28940.68	68 7N	53 48E	77.3	197.3	1.113	-12.60	43.5	SO312	.04150	9.4652	0.6	V
5002	28943.48	68 0N	53 48E	78.1	197.2	1.332	-12.60	43.5	SO312	.04150	9.2920	0.6	A
5003	29068.88	59 12N	49 27E	78.9	192.7	2.033	16.80	51.8	SO312	.04150	9.1951	0.8	F
5004	29074.68	58 50N	49 41E	84.5	192.5	1.810	25.90	52.3	SO312	.03150	8.6077	0.6	F
5005	29076.08	58 59N	49 38E	84.4	192.5	1.810	25.90	52.3	SO312	.03150	8.6077	0.4	F
5006	29079.08	58 59N	49 38E	83.7	192.4	1.810	26.25	52.3	SO312	.03150	8.7726	0.6	V
5007	29110.08	56 59N	47 52E	74.8	191.7	2.033	9.45	54.0	SO312	.04150	9.8032	0.6	V
5008	29112.88	56 59N	47 52E	75.8	191.6	2.033	9.80	54.0	SO312	.04150	9.5806	0.6	A
5009	29141.08	53 59N	46 52E	77.3	190.9	2.170	15.40	56.6	SO312	.03150	9.3992	0.6	F
5010	29143.88	53 59N	46 52E	76.5	190.9	2.170	15.75	56.6	SO312	.04150	9.5888	0.6	V
5011	29182.88	51 52N	46 9E	77.2	190.4	2.170	15.40	58.1	SO312	.03150	9.6909	0.4	A
5012	29189.88	51 12N	45 57E	76.7	190.3	2.170	16.45	58.7	SO312	.03150	9.5723	0.6	V
5013	29192.68	51 12N	45 57E	77.8	190.2	2.170	16.80	58.7	SO312	.03150	9.3332	0.6	A
5014	29283.28	45 1N	42 8E	88.1	189.1	2.033	-37.10	62.8	SO312	.04150	8.3026	1.0	V
5015	30315.48	26 0S	28 16E	122.0	187.1	2.872	-34.65	35.5	SO312	.03150	5.8126	0.8	F
5016	30319.88	26 7S	28 16E	120.3	187.2	3.090	-34.30	35.5	SO312	.03150	5.9858	0.8	V
9001	28940.48	68 0N	53 48E	77.3	197.3	1.113	-12.60	43.4	SO409	.07190	9.4663	0.8	V
9002	28943.48	68 7N	53 48E	78.1	197.2	1.332	-12.60	43.5	SO409	.07190	9.2931	0.6	A
9003	28948.48	67 60N	53 3E	79.8	196.9	1.113	-17.85	43.9	SO409	.07190	9.2601	0.8	V
9004	28951.48	67 60N	53 3E	79.7	196.8	1.332	-17.85	43.9	SO409	.07190	9.0869	0.6	A
9005	29075.88	58 40N	49 38E	84.5	192.5	1.810	25.90	52.3	SO409	.07190	8.6087	0.6	F
9006	29078.88	58 40N	49 38E	83.7	192.4	1.810	26.25	52.3	SO409	.07190	8.7736	0.6	V
9007	29101.28	57 0N	48 3E	75.7	191.9	2.033	9.10	53.6	SO409	.07190	9.5735	0.4	F
9008	29104.08	57 0N	48 3E	74.8	191.8	2.033	9.45	53.6	SO409	.07190	9.7961	0.4	V
9009	29107.28	56 59N	47 52E	75.6	191.8	2.033	9.10	54.0	SO409	.07190	9.5417	0.6	F
9010	29111.08	56 59N	47 52E	74.8	191.7	2.033	9.45	54.0	SO409	.07190	9.8043	0.6	V
9011	29118.28	56 0N	47 32E	74.1	191.5	2.033	7.00	54.4	SO409	.07190	9.8951	1.0	V
9012	29125.68	55 50N	46 26E	75.9	191.4	2.033	-15.05	54.8	SO409	.07190	9.5157	0.6	F
9013	29128.48	55 50N	46 26E	74.9	191.3	2.033	-14.70	54.8	SO409	.07190	9.7796	0.4	V
9014	29131.28	55 50N	46 26E	75.6	191.3	2.033	-14.35	54.8	SO409	.07190	9.5900	0.4	A
9015	29153.88	53 59N	46 52E	76.5	190.9	2.170	15.75	56.6	SO409	.07190	9.5900	0.6	V
9016	29156.68	53 59N	46 52E	77.5	190.8	2.170	16.10	56.6	SO409	.07190	9.3426	0.6	A
9017	29164.48	53 10N	46 7E	73.6	190.7	2.170	1.40	56.9	SO409	.07190	9.8456	1.4	A
9018	29175.28	52 2N	46 3E	75.5	190.5	2.365	10.50	57.9	SO409	.07190	9.6064	1.4	F
9019	29180.08	51 52N	46 9E	76.1	190.4	2.170	15.05	58.1	SO409	.07190	9.6894	0.8	V
9020	29182.88	51 52N	46 9E	77.1	190.4	2.170	15.40	58.1	SO409	.07190	9.3920	0.6	A
9021	29202.08	50 14N	45 13E	73.4	190.1	2.365	4.90	59.3	SO409	.07190	9.8043	1.0	F
9022	29207.48	50 10N	45 13E	74.0	190.0	2.365	5.60	59.4	SO409	.07190	9.7479	0.8	A
9023	29215.08	49 40N	44 32E	73.8	189.9	2.365	-9.80	59.6	SO409	.07190	9.9291	1.0	A
9024	29220.08	49 1N	44 35E	73.2	189.8	2.365	-1.75	60.2	SO409	.07190	9.8868	0.8	F
9025	29225.48	49 1N	44 35E	73.2	189.7	2.365	-1.05	60.3	SO409	.07190	9.9033	0.6	A
9026	29229.48	48 44N	44 35E	73.4	189.7	2.365	1.75	60.5	SO409	.07190	9.8786	1.4	A
9027	29232.28	48 32N	44 32E	73.4	189.7	2.365	1.75	60.7	SO409	.09670	9.8786	0.9	A
9028	29241.28	47 59N	43 7E	83.9	189.5	2.033	-31.15	60.9	SO409	.05410	8.5922	0.8	F
9029	29244.28	47 40N	43 7E	82.9	189.5	2.033	-31.15	60.9	SO409	.05410	8.8313	1.0	V
9030	29257.68	46 24N	44 13E	75.6	189.3	2.511	12.25	62.4	SO409	.07190	9.5382	1.4	F
9031	29270.48	45 52N	42 36E	82.9	189.2	2.170	-31.50	62.3	SO409	.05410	8.8561	0.6	V
9032	29273.48	45 52N	42 35E	83.8	189.2	2.170	-31.50	62.3	SO409	.05410	8.6829	0.8	A
9033	29299.68	43 29N	43 40E	79.6	188.9	2.511	21.00	64.7	SO409	.05410	9.1199	0.6	F
9034	29305.48	43 29N	43 40E	80.1	188.8	2.345	22.05	64.7	SO409	.05410	9.0292	0.6	A
9035	29319.88	42 12N	42 30E	73.1	188.7	2.733	-5.60	65.2	SO409	.04090	9.9033	1.0	F
9036	29325.08	42 12N	42 30E	73.0	188.6	2.733	-4.90	65.2	SO409	.04090	9.9280	1.0	A
9037	29588.28	23 50N	38 18E	75.0	187.0	3.211	-10.50	71.6	SO409	.07190	9.7549	0.6	V
9038	30395.88	26 40S	28 49E	109.3	187.2	3.439	-19.60	35.6	SO409	.05410	8.5142	1.0	A
1410 5001	34040.88	80 59N	58 4E	81.9	223.2	0.417	-9.80	30.6	SO312	.05390	8.7808	0.6	F
5002	34043.88	80 50N	58 5E	80.8	222.3	0.417	-9.45	30.6	SO312	.05390	9.0282	0.6	V
5003	34231.28	69 0N	33 15E	75.9	196.2	1.332	-2.45	42.6	SO312	.05390	9.6465	0.4	V
5004	34234.08	69 0N	33 15E	76.8	196.0	1.332	-2.10	42.6	SO312	.05390	9.4487	1.0	A
5005	34374.08	59 40N	27 45E	81.3	192.7	1.810	22.75	51.6	SO312	.04150	9.0282	0.6	V
5006	34377.08	59 40N	27 45E	82.5	192.6	1.810	23.10	51.6	SO312	.03150	8.7473	0.4	A
5007	34407.48	57 22N	26 46E	83.0	191.9	1.810	24.50	53.5	SO312	.03150	8.7396	0.6	A
5008	34413.48	56 49N	26 5E	76.7	191.8	2.033	15.05	53.9	SO312	.04150	9.5558	0.6	V
5009	34416.28	56 49N	26 5E	77.7	191.7	2.033	15.40	53.9	SO312	.04150	9.3250	0.6	A
5010	34509.88	50 15N	23 40E	78.6	190.1	2.170	20.65	59.5	SO312	.03150	9.3332	0.4	V

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1410 5011	34547.48	47 52N	21 11E	80.7	189.5	2.033	-28.35	60.8	S0312	.03150	9.0776	0.4	V
5012	34550.28	47 52N	21 11E	81.4	189.5	2.033	-28.00	60.8	S0312	.03150	8.9575	0.6	A
5013	34562.08	46 42N	22 22E	76.8	189.4	2.385	17.50	62.3	S0312	.03150	9.5476	0.6	V
5014	34564.88	46 42N	22 22E	77.9	189.3	2.385	17.85	62.3	S0312	.03150	9.3085	0.6	A
5015	34606.58	43 26N	21 52E	87.0	188.9	2.385	30.10	64.9	S0312	.03150	8.3686	0.4	F
5016	34609.68	43 26N	21 51E	86.0	188.8	2.170	30.45	64.9	S0312	.03150	8.5170	1.2	V
5017	34613.28	43 21N	21 51E	87.4	188.8	2.170	30.80	64.9	S0312	.03150	8.2696	0.6	A
5018	34620.88	42 41N	21 9E	76.1	188.7	2.511	16.45	65.2	S0312	.03150	9.6548	0.4	V
5019	34623.68	42 41N	21 9E	77.2	188.7	2.511	16.80	65.2	S0312	.03150	9.3992	0.4	A
5020	34629.28	42 5N	21 6E	77.7	188.7	2.511	19.60	65.6	S0312	.03150	9.4487	0.4	V
5021	34634.28	41 50N	20 58E	79.0	188.6	2.511	19.95	66.0	S0312	.03150	9.2096	0.6	F
5022	34637.08	41 50N	20 58E	78.3	188.6	2.511	20.30	66.0	S0312	.03150	9.3745	0.6	V
5023	34654.28	40 42N	19 17E	79.4	188.4	2.385	-26.95	66.0	S0312	.04150	9.2178	0.6	V
5024	34657.08	40 42N	19 17E	80.2	188.4	2.385	-26.60	66.0	S0312	.04150	9.0611	0.6	A
5025	34793.48	31 11N	16 60E	85.7	187.5	2.733	-32.90	70.2	S0312	.03150	8.4922	0.4	A
9001	34040.88	80 50N	58 2E	82.0	223.2	0.417	-9.80	30.6	S0409	.09670	8.7818	0.6	F
9002	34043.88	80 38N	58 3E	80.8	222.3	0.417	-9.45	30.6	S0409	.09670	9.0292	0.6	V
9003	34296.08	69 15N	33 24E	76.9	198.5	1.332	-2.80	42.4	S0409	.07190	9.3920	0.6	F
9004	34298.88	69 14N	33 24E	75.9	198.5	1.332	-2.45	42.4	S0409	.07190	9.6394	0.6	V
9005	34231.28	69 5N	33 15E	75.9	198.2	1.332	-2.45	42.6	S0409	.09670	9.6477	0.6	V
9006	34234.08	69 5N	33 15E	76.7	198.0	1.332	-2.10	42.6	S0409	.09670	9.4498	0.6	A
9007	34243.68	69 0N	33 32E	79.1	197.5	1.332	15.75	43.5	S0409	.05410	9.2519	0.6	V
9008	34246.48	69 0N	33 32E	80.1	197.5	1.332	16.10	43.5	S0409	.05410	9.0292	0.6	A
9009	34389.48	59 26N	26 48E	76.5	192.3	1.810	14.00	52.4	S0409	.07190	9.5300	0.6	V
9010	34392.28	59 26N	26 47E	77.3	192.2	1.810	14.00	52.4	S0409	.07190	9.3673	0.6	A
9011	34398.48	57 52N	26 14E	74.3	192.1	2.033	7.00	52.9	S0409	.07190	9.8621	0.6	V
9012	34401.28	57 51N	26 14E	75.2	192.0	2.033	7.35	52.9	S0409	.07190	9.6229	0.6	A
9013	34419.88	56 44N	25 55E	77.1	191.6	2.033	14.00	54.1	S0409	.07190	9.3920	0.6	A
9014	34443.68	54 50N	23 54E	76.5	191.2	1.810	-19.25	55.2	S0409	.07190	9.5735	0.6	V
9015	34446.48	54 50N	23 54E	77.2	191.1	2.033	-19.25	55.2	S0409	.07190	9.3920	0.6	A
9016	34460.28	53 58N	24 47E	76.9	190.9	2.033	16.80	56.6	S0409	.07190	9.5522	0.6	V
9017	34463.08	53 58N	24 46E	77.8	190.8	2.033	16.80	56.6	S0409	.07190	9.3013	0.6	A
9018	34494.28	51 16N	22 43E	75.7	190.3	2.170	-16.45	58.3	S0409	.07190	9.5487	0.6	F
9019	34499.68	51 16N	22 43E	75.4	190.2	2.170	-15.75	58.3	S0409	.07190	9.6229	0.6	A
9020	34513.48	49 47N	23 40E	82.1	190.0	2.170	24.50	59.9	S0409	.05410	9.8561	0.8	F
9021	34519.28	49 47N	23 42E	83.0	189.9	2.033	25.90	59.9	S0409	.05410	8.7076	1.0	A
9022	34525.88	49 11N	23 4E	75.3	189.8	2.385	14.35	60.3	S0409	.07190	9.7301	0.4	V
9023	34532.08	48 36N	22 23E	73.1	189.7	2.385	-1.05	60.5	S0409	.07190	9.9033	0.6	F
9024	34537.28	48 36N	22 23E	73.1	189.7	2.385	-0.35	60.6	S0409	.07190	9.9115	0.6	A
9025	34572.68	46 14N	21 21E	73.5	189.2	2.511	-9.80	62.3	S0409	.07190	9.8538	1.4	A
9026	34577.28	45 50N	21 14E	72.6	189.2	2.511	-9.45	62.7	S0409	.07190	10.0300	0.6	V
9027	34580.08	45 44N	21 14E	73.4	189.2	2.511	-9.10	62.7	S0409	.07190	9.8706	0.4	A
9028	34587.68	44 50N	20 40E	76.4	189.1	2.385	-19.60	63.2	S0409	.07190	9.4498	0.4	F
9029	34590.48	44 50N	20 40E	75.4	189.0	2.385	-19.25	63.2	S0409	.07190	9.7219	0.8	V
9030	34598.48	44 15N	21 10E	72.3	189.0	2.511	2.45	63.9	S0409	.07190	10.1342	0.6	V
9031	34606.68	43 42N	21 52E	86.9	188.9	2.385	30.10	64.9	S0409	.04090	8.3695	0.6	F
9032	34609.88	43 42N	21 51E	86.0	188.8	2.170	30.45	64.9	S0409	.04090	8.5180	0.6	V
9033	34644.88	41 0N	20 5E	72.2	188.5	2.733	-5.95	65.9	S0409	.07190	10.1507	0.6	V
9034	34654.08	40 42N	19 17E	79.4	188.4	2.385	-26.95	66.0	S0409	.04150	9.2189	0.6	V
9035	34657.08	40 42N	19 17E	80.1	188.4	2.385	-26.60	66.0	S0409	.07190	9.0622	0.6	A
9036	35109.88	9 22N	13 23E	82.5	186.5	3.439	-16.10	65.7	S0409	.05410	8.7189	0.8	A
1411 5001	40031.68	35 11N	2 25W	86.7	187.9	2.511	29.40	69.9	S0312	.03150	8.4015	0.4	F
9001	39897.48	44 50N	1 7W	73.1	189.0	2.511	-6.65	63.6	S0409	.07190	9.8951	0.6	F
9002	39902.68	44 50N	1 7W	73.0	189.0	2.511	-5.60	63.6	S0409	.07190	9.9280	0.6	A
9003	40360.68	12 39N	7 59W	79.4	186.6	3.439	-10.85	67.8	S0409	.05410	9.0869	0.8	F
9004	40363.68	12 39N	7 59W	78.5	186.6	3.439	-10.50	67.8	S0409	.05410	9.3013	0.6	V
9005	40366.48	12 39N	7 60W	79.6	186.6	3.439	-10.15	67.8	S0409	.05410	9.0540	0.4	A
9006	40376.68	11 28N	7 30W	85.0	186.6	3.090	17.85	67.7	S0409	.04090	8.5180	0.8	F
9007	40473.48	5 3N	9 4W	81.7	186.4	3.439	0.35	68.0	S0409	.05410	8.9055	1.0	V
1413 5001	51386.07	15 59S	57 17W	96.6	186.7	3.439	-12.25	45.2	S0312	.03150	7.4121	0.8	F
5002	51671.07	35 28S	60 15W	116.6	187.8	2.511	14.70	27.6	S0312	.04150	6.1094	1.0	F
5003	51676.07	35 40S	60 38W	113.2	187.9	2.733	7.00	27.2	S0312	.04150	6.2826	1.6	F
5004	51689.67	36 25S	60 36W	114.8	188.0	2.511	11.90	26.6	S0312	.04150	6.2414	1.0	V
5005	51694.67	36 40S	60 37W	115.7	188.0	2.511	12.95	26.3	S0312	.04150	6.2001	1.0	V
5006	51701.87	37 13S	60 52W	114.5	188.1	2.511	9.80	25.8	S0312	.04150	6.2578	1.0	V
5007	51713.27	38 14S	61 27W	113.8	188.1	2.733	1.05	24.7	S0312	.04150	6.2414	1.0	F
5008	51721.07	38 42S	62 9W	115.8	188.2	2.872	-12.60	24.1	S0312	.04150	6.1259	0.8	F
5009	51725.27	38 42S	62 9W	114.7	188.2	2.872	-12.25	24.1	S0312	.04150	6.2414	1.0	V
5010	51729.27	38 40S	62 15W	117.3	188.3	3.090	-14.70	24.1	S0312	.04150	6.0352	0.6	A
5011	51738.67	39 20S	62 5W	115.7	188.3	2.872	-6.65	23.6	S0312	.04150	6.1094	1.0	A
9001	51391.87	16 0S	57 40W	101.1	186.7	3.439	-23.80	44.9	S0409	.05410	7.1574	1.0	V
9002	51397.27	16 10S	57 24W	97.7	186.7	3.574	-13.65	44.9	S0409	.05410	7.3141	1.0	A
9003	51402.27	16 00S	57 37W	100.0	186.7	3.574	-18.90	44.6	S0409	.05410	7.1409	1.0	A
9004	51642.47	36 9S	61 4W	111.9	187.9	2.872	-1.75	26.7	S0409	.07190	6.3493	1.0	F
1414 5001	56301.67	11 0N	74 49W	83.1	186.5	3.439	-19.95	66.7	S0312	.04150	8.7066	1.0	A
9001	56195.67	10 10N	72 31W	84.4	186.7	2.872	21.35	71.1	S0409	.05410	8.5345	0.8	A
9002	56292.67	11 10N	74 13W	79.8	186.5	3.439	2.45	67.2	S0409	.07190	9.0705	1.8	F
1416 5001	65125.66	45 57N	63 19E	143.1	350.4	-1.812	-43.05	-18.1	S0312	.29710	4.9551	1.2	A

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1417 5001	70489.66	49 50N	36 23E	107.9	349.9	-1.812	26.60	-13.1	S0312	.29710	6.6454	0.6	A
5002	70554.06	55 9N	37 39E	117.3	348.9	-2.028	-32.90	-9.0	S0312	.29710	6.0847	0.6	F
1421 9001	6406.85	53 10N	140 45E	73.0	190.7	2.170	-4.20	56.7	S0409	.09670	10.0352	0.6	V
9002	6409.65	53 9N	140 45E	73.8	190.7	2.170	-3.85	56.8	S0409	.09670	9.8208	0.4	A
9003	6445.85	49 2N	140 16E	80.1	189.8	2.170	22.75	60.4	S0409	.07190	9.1512	0.6	V
9004	6448.85	49 2N	140 16E	81.3	189.8	2.170	23.10	60.4	S0409	.07190	8.9139	0.4	A
9005	7230.25	3 40S	128 10E	87.7	186.4	3.574	-12.25	56.0	S0409	.05410	8.1964	0.8	F
9006	7233.45	3 40S	128 10E	86.8	186.4	3.574	-11.90	56.0	S0409	.05410	8.3778	0.4	V
9007	7236.85	3 41S	128 9E	87.9	186.4	3.574	-11.55	56.0	S0409	.05410	8.1716	0.6	A
1422 5001	11445.04	71 39N	128 52E	87.2	200.2	0.986	-26.95	69.9	S0312	.04150	8.3141	0.4	A
5002	12164.04	22 39N	110 10E	86.6	186.9	3.090	-32.55	70.9	S0312	.03150	8.3933	0.6	A
5003	12574.24	6 17S	106 52E	108.6	186.5	2.511	32.55	54.6	S0312	.02260	6.6619	0.6	F
5004	12576.04	6 24S	106 51E	108.6	186.5	2.511	32.55	54.5	S0312	.02260	6.6619	2.2	F
5005	12582.24	6 17S	106 52E	110.3	186.5	2.170	33.60	54.6	S0312	.02260	6.4805	0.4	A
5006	12583.84	6 20S	106 51E	110.3	186.5	2.170	33.60	54.5	S0312	.02260	6.4305	2.4	A
9001	11437.64	71 43N	128 57E	87.4	200.8	0.629	-26.60	69.9	S0409	.05410	8.2459	0.6	F
9002	11440.84	71 43N	128 56E	86.3	200.8	0.629	-26.60	69.9	S0409	.05410	8.4685	0.6	V
9003	11585.04	61 49N	122 26E	75.8	193.7	1.687	-7.70	49.2	S0409	.07190	9.5240	0.6	F
9004	11587.84	61 49N	122 25E	74.9	193.6	1.687	-7.70	49.2	S0409	.07190	9.7796	0.6	V
9005	11729.24	52 17N	117 45E	76.2	190.5	2.033	-19.60	57.3	S0409	.07190	9.6147	0.6	V
9006	11732.04	52 17N	117 45E	76.9	190.4	2.033	-19.25	57.3	S0409	.07190	9.4415	0.6	A
9007	11907.44	39 51N	116 11E	100.1	188.4	2.033	41.30	67.5	S0409	.05410	7.3305	0.8	V
9008	11911.04	39 51N	116 11E	102.1	188.3	1.810	42.00	67.5	S0409	.05410	7.0749	0.6	A
9009	11930.84	39 10N	114 28E	73.5	188.2	2.572	4.20	67.8	S0409	.07190	9.8703	0.6	F
9010	11935.44	39 10N	114 21E	73.0	188.2	2.572	0.70	67.7	S0409	.07190	9.9198	0.4	A
9011	11971.64	35 29N	112 59E	79.3	187.9	2.733	-26.25	68.7	S0409	.05410	9.0452	0.6	F
9012	11977.44	35 28N	112 59E	78.7	187.9	2.733	-25.20	68.7	S0409	.05410	9.2271	0.6	A
9013	11988.24	34 54N	112 28E	85.9	187.8	2.511	-35.00	68.9	S0409	.05410	8.5097	0.4	V
9014	11991.24	34 54N	112 28E	86.3	187.8	2.511	-34.30	68.9	S0409	.05410	8.4198	0.6	A
9015	12000.44	33 40N	113 18E	73.1	187.7	3.090	0.00	69.9	S0409	.07190	9.9033	0.4	A
9016	12004.84	33 29N	113 19E	73.7	187.7	2.872	3.50	70.1	S0409	.05410	9.8291	0.4	F
9017	12009.24	33 11N	113 10E	73.2	187.7	3.090	0.35	70.2	S0409	.07190	9.8868	0.6	A
9018	12020.84	32 6N	112 8E	81.7	187.6	2.733	-29.75	70.0	S0409	.05410	8.9513	0.4	F
9019	12023.64	32 5N	112 8E	80.5	187.6	2.733	-29.40	70.0	S0409	.05410	9.1117	0.4	V
9020	12028.04	31 60N	112 8E	81.2	187.5	2.733	-28.00	70.0	S0409	.05410	8.9468	0.4	A
9021	12035.84	31 4N	112 13E	76.6	187.5	2.872	-19.25	70.5	S0409	.05410	9.4250	0.8	F
9022	12041.24	31 0N	111 53E	82.8	187.5	2.872	-30.10	70.3	S0409	.05410	8.7736	0.4	A
9023	12048.24	30 52N	112 14E	74.0	187.4	3.090	-13.30	70.9	S0409	.07190	9.9115	0.6	V
9024	12051.04	30 51N	112 13E	74.8	187.4	3.090	-12.95	70.9	S0409	.07190	9.6972	0.6	A
9025	12059.24	29 45N	112 25E	73.8	187.4	3.090	0.00	71.3	S0409	.07190	9.8043	0.6	A
9026	12068.64	28 44N	112 17E	74.2	187.3	3.090	2.10	71.5	S0409	.07190	9.7714	0.4	F
9027	12074.64	28 43N	111 56E	74.5	187.3	3.090	-11.20	71.3	S0409	.07190	9.7501	0.4	A
9028	12043.24	27 47N	111 16E	82.9	187.5	2.733	-29.40	71.0	S0409	.05410	8.6394	0.4	F
9029	12086.24	27 47N	111 16E	81.7	187.2	2.733	-29.05	71.0	S0409	.05410	8.9715	0.4	V
9030	12089.24	27 47N	111 16E	82.4	187.2	2.733	-28.70	71.0	S0409	.05410	8.8148	0.4	A
9031	12109.24	26 22N	111 44E	74.4	187.1	3.211	0.35	71.8	S0409	.07190	9.7219	0.4	A
9032	12143.84	23 52N	111 20E	75.8	187.0	3.211	5.95	71.9	S0409	.07190	9.5570	0.6	F
9033	12146.64	23 51N	111 20E	75.0	187.0	3.211	5.95	71.9	S0409	.07190	9.7631	0.4	V
9034	12149.44	23 51N	111 19E	76.0	187.0	3.211	6.30	71.9	S0409	.07190	9.5075	1.2	A
9035	12175.24	21 46N	110 12E	80.9	186.9	3.090	-24.15	70.9	S0409	.04090	8.9055	0.8	F
9036	12141.04	21 46N	110 12E	80.4	186.9	3.211	-23.10	71.0	S0409	.04090	9.0127	0.8	A
9037	12194.24	20 10N	110 12E	76.6	186.8	3.211	-16.40	70.9	S0409	.07190	9.5487	0.4	V
9038	12197.04	20 10N	110 12E	77.5	186.8	3.211	-16.05	70.9	S0409	.05410	9.3426	0.4	A
9039	12202.44	19 59N	110 27E	76.0	186.8	3.211	-1.05	71.1	S0409	.05410	9.5075	0.6	A
9040	12212.84	19 54N	109 32E	85.7	186.8	2.872	-30.45	70.1	S0409	.05410	8.3360	0.4	F
9041	12219.04	19 41N	109 37E	81.9	186.8	3.090	-26.60	70.1	S0409	.05410	8.9503	0.6	V
9042	12224.44	19 14N	109 43E	78.8	186.8	3.211	-19.60	70.2	S0409	.05410	9.2766	0.4	V
9043	12227.44	19 13N	109 42E	79.6	186.7	3.211	-19.25	70.2	S0409	.05410	9.0869	0.4	A
9044	12288.24	13 49N	109 11E	77.4	186.6	3.439	-8.75	68.5	S0409	.07190	9.4419	0.4	V
9045	12291.04	13 48N	109 11E	78.3	186.6	3.439	-8.05	68.5	S0409	.05410	9.2189	0.4	A
1423 9001	18382.04	37 21S	77 33E	112.3	188.1	2.733	-1.05	25.1	S0409	.07190	9.3823	0.6	V
9002	18384.24	37 21S	77 34E	114.0	188.2	2.733	-0.35	25.2	S0409	.07190	9.1926	0.6	A
1424 5001	22210.44	61 11N	76 57E	82.6	193.4	1.332	-25.55	49.6	S0312	.04150	8.7396	0.4	F
5002	22214.24	61 9N	76 49E	82.8	193.3	1.332	-27.30	49.6	S0312	.04150	8.8468	0.4	V
5003	22520.04	40 16N	69 42E	81.6	188.4	2.385	-30.45	66.0	S0312	.02260	8.9787	0.4	V
5004	22523.04	40 16N	69 41E	82.3	188.4	2.385	-30.10	66.0	S0312	.02260	8.8468	0.4	A
5005	22562.24	37 42N	68 57E	83.2	188.1	2.385	-32.70	67.6	S0312	.03150	8.8138	0.6	V
9001	22217.84	61 9N	76 57E	81.3	193.2	1.332	-23.80	49.7	S0409	.07190	8.9220	0.4	A
9002	22376.44	49 52N	72 48E	76.8	190.0	2.170	-17.35	59.3	S0409	.05410	9.5075	0.6	F
9003	22379.24	49 52N	72 48E	74.9	189.9	2.170	-17.50	59.3	S0409	.05410	9.7796	0.6	V
9004	22424.44	46 20N	72 52E	77.2	189.4	2.511	16.45	62.3	S0409	.07190	9.4168	0.8	F
9005	22431.04	46 9N	72 29E	74.3	189.3	2.511	8.75	62.5	S0409	.07190	9.7714	0.8	F
9006	22436.44	46 9N	72 29E	74.4	189.2	2.511	9.45	62.5	S0409	.07190	9.7384	0.8	A
9007	22442.04	45 59N	72 34E	76.7	189.2	2.385	15.75	62.9	S0409	.07190	9.4415	0.6	A
9008	22476.84	43 56N	71 24E	72.9	188.8	2.733	2.10	64.7	S0409	.07190	9.9445	0.4	F
9009	22480.84	43 2N	71 24E	72.8	188.7	2.733	2.10	64.6	S0409	.07190	9.9610	0.4	A
9010	22485.44	42 41N	71 34E	74.4	188.7	2.511	11.20	65.0	S0409	.07190	9.7334	0.4	A
9011	22505.64	41 2N	70 11E	76.9	188.5	2.511	-22.05	65.6	S0409	.07190	9.5920	0.8	F

Handle via
BYEMAN Channels
BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1424 9012	22511.04	41 2N	70 11E	76.5	188.5	2.511	-21.35	65.6	S0409	.07190	9.4910	1.0	A
9013	22545.64	38 18N	69 14E	82.0	188.2	2.385	-31.15	67.1	S0409	.05410	8.7901	0.4	F
9014	22548.64	38 18N	69 14E	80.8	188.2	2.385	-30.80	67.1	S0409	.05410	9.0705	0.4	V
9015	22551.44	38 18N	69 14E	81.5	188.1	2.385	-30.45	67.1	S0409	.05410	8.9303	0.4	A
9016	22568.84	36 42N	68 55E	81.7	188.0	2.385	-29.05	68.0	S0409	.04090	8.8313	0.6	F
9017	22571.84	36 42N	68 55E	80.5	188.0	2.385	-28.70	68.0	S0409	.05410	9.1117	0.4	V
9018	22593.04	34 58N	69 17E	72.4	187.8	2.872	-3.15	69.3	S0409	.05410	10.0105	1.0	F
9019	22598.24	34 58N	69 16E	72.4	187.8	2.872	-2.80	69.3	S0409	.05410	10.0107	1.0	A
9020	22735.84	25 9N	67 27E	75.8	187.1	5.211	7.00	72.0	S0409	.05410	9.5735	0.6	F
9021	22741.24	25 8N	67 27E	76.1	187.1	3.090	8.05	72.0	S0409	.05410	9.4910	1.0	A
1425 5001	27537.24	59 42N	56 44E	86.5	192.8	1.810	29.05	51.3	S0312	.03150	8.4840	1.0	V
5002	27540.44	59 42N	56 45E	87.8	192.7	1.810	29.40	51.3	S0312	.03150	8.2614	0.8	A
5003	27562.84	57 46N	55 48E	88.3	192.2	2.033	30.10	53.0	S0312	.03150	8.2284	0.4	F
5004	27565.84	57 47N	55 49E	87.7	192.1	1.810	30.80	53.0	S0312	.03150	8.3763	0.4	V
5005	27569.04	57 47N	55 43E	87.3	192.0	1.810	29.40	53.0	S0312	.03150	8.3109	0.4	A
5006	27641.04	52 50N	52 51E	77.8	190.6	2.170	16.45	57.4	S0312	.03150	9.3415	0.6	F
5007	27646.64	52 50N	52 51E	77.9	190.5	2.170	16.80	57.4	S0312	.03150	9.3085	0.8	A
5008	27759.64	44 40N	50 19E	78.1	189.0	2.385	19.95	63.7	S0312	.03150	9.3303	0.6	V
5009	27762.44	44 40N	50 19E	79.2	189.0	2.385	20.30	63.7	S0312	.03150	9.1436	1.2	A
9001	27389.64	69 46N	61 36E	78.5	198.7	1.113	-14.35	41.7	S0409	.07190	9.3096	0.6	V
9002	27392.64	69 47N	61 35E	79.4	198.5	1.113	-14.35	41.7	S0409	.07190	9.1199	0.6	A
9003	27456.24	66 14N	57 18E	82.4	195.5	1.113	-23.45	45.9	S0409	.07190	8.7489	0.6	F
9004	27459.24	66 14N	57 17E	81.4	195.3	1.332	-23.80	45.9	S0409	.07190	8.9380	0.6	V
9005	27462.24	66 14N	57 17E	82.1	195.2	1.332	-23.45	45.9	S0409	.07190	8.8513	0.6	A
9006	27512.04	61 20N	56 37E	76.6	193.5	1.810	9.10	49.7	S0409	.07190	9.4580	0.6	F
9007	27514.84	61 19N	56 37E	75.7	193.4	1.810	9.45	49.7	S0409	.07190	9.6807	0.6	V
9008	27517.64	61 19N	56 37E	76.6	193.4	1.810	9.80	49.7	S0409	.07190	9.4498	0.6	A
9009	27580.84	57 1N	53 5E	78.3	191.8	1.810	-22.40	53.3	S0409	.07190	9.3508	0.4	V
9010	27583.64	57 1N	53 4E	79.3	191.7	1.810	-22.75	53.3	S0409	.07190	9.1364	0.4	A
9011	27641.04	52 54N	52 51E	77.8	190.5	2.170	16.45	57.4	S0409	.07190	9.3426	0.8	F
9012	27646.64	52 54N	52 50E	77.9	190.5	2.170	16.80	57.4	S0409	.07190	9.3096	0.8	A
9013	27654.64	51 40N	52 19E	75.5	190.4	2.385	10.85	58.1	S0409	.07190	9.6864	1.0	F
9014	27660.24	51 40N	52 19E	75.7	190.3	2.170	11.90	58.1	S0409	.07190	9.5735	0.8	A
9015	27702.64	48 32N	49 45E	84.2	189.7	1.810	-31.15	60.1	S0409	.05410	8.5510	0.8	F
9016	27705.44	48 32N	49 45E	83.0	189.7	2.033	-31.15	60.1	S0409	.05410	8.8231	0.8	V
9017	27708.64	48 32N	49 45E	83.7	189.6	2.033	-30.80	60.1	S0409	.05410	8.6829	0.8	A
9018	27764.24	44 52N	50 17E	79.2	188.8	2.385	20.30	63.8	S0409	.07190	9.1282	0.6	A
9019	27790.64	42 45N	47 41E	94.9	188.7	1.810	-42.00	64.1	S0409	.03090	7.7016	0.6	V
9020	27794.04	42 46N	47 41E	95.7	188.7	2.033	-42.00	64.1	S0409	.03090	7.5944	0.6	A
9021	27816.84	40 54N	47 48E	80.2	188.5	2.385	-28.70	65.6	S0409	.05410	9.1447	0.6	V
9022	27819.84	40 55N	47 49E	80.8	188.4	2.385	-28.35	65.6	S0409	.05410	8.9380	0.6	A
9023	27869.04	37 24N	47 45E	72.5	188.1	2.872	-1.75	68.1	S0409	.07190	10.0023	0.6	A
9024	27925.44	33 40N	45 57E	86.3	187.7	2.511	-34.30	69.3	S0409	.05410	8.4108	1.2	A
9025	27938.64	32 51N	45 54E	81.2	187.6	2.733	-29.05	69.8	S0409	.05410	9.0292	0.4	V
9026	27941.44	32 52N	45 54E	81.9	187.6	2.733	-28.70	69.8	S0409	.05410	8.8726	0.6	A
9027	27956.84	31 1N	46 10E	73.9	187.5	3.090	-8.40	70.8	S0409	.07190	9.7879	0.6	F
9028	27962.04	31 1N	46 11E	73.9	187.5	3.090	-7.35	70.8	S0409	.07190	9.8208	0.6	A
9029	28217.03	13 4N	42 43E	78.7	186.6	3.439	-9.10	68.1	S0409	.07190	9.1777	0.8	F
9030	28222.63	13 4N	42 43E	78.8	186.5	3.439	-8.05	68.1	S0409	.07190	9.1612	0.8	A
9031	28448.63	2 26S	40 13E	86.8	186.4	3.439	2.45	66.9	S0409	.05410	8.3036	0.4	F
9032	28451.64	2 25S	40 13E	86.0	186.4	3.439	2.80	66.9	S0409	.05410	8.4603	0.6	V
9033	28454.83	2 25S	40 13E	87.3	186.4	3.439	3.50	66.9	S0409	.05410	8.2046	0.6	A
9034	28504.84	6 46S	39 17E	89.0	186.5	3.574	-8.05	65.5	S0409	.05410	8.0727	0.6	F
9035	28508.04	6 43S	39 17E	88.1	186.5	3.574	-7.70	65.5	S0409	.05410	8.2459	1.4	V
9036	28512.03	6 43S	39 17E	89.3	186.5	3.574	-7.00	65.5	S0409	.05410	8.0232	0.6	A
9037	28541.44	8 25S	39 31E	95.6	186.5	3.090	15.40	62.0	S0409	.05410	7.4565	1.0	A
9038	28554.83	9 43S	39 46E	106.8	186.5	2.511	28.35	61.5	S0409	.05410	6.6709	0.8	A
9039	28602.83	13 11S	37 34E	100.5	185.6	3.439	-26.95	47.6	S0409	.05410	7.2151	1.2	V
1426 5001	32840.63	60 7N	32 19E	79.7	192.9	1.687	-23.45	50.5	S0312	.04150	9.1931	0.4	V
5002	32843.63	60 8N	32 18E	80.6	192.8	1.687	-23.45	50.6	S0312	.04150	9.0199	0.4	A
5003	32866.63	57 59N	33 3E	78.2	192.2	2.033	15.75	52.7	S0312	.04150	9.2438	0.6	F
5004	32869.43	57 59N	33 4E	77.4	192.2	2.033	16.10	52.7	S0312	.04150	9.4794	0.6	V
5005	33026.63	47 7N	26 45E	76.0	189.5	2.511	13.30	61.7	S0312	.04150	9.5541	1.0	F
5006	33032.03	47 7N	26 45E	76.2	189.4	2.385	14.00	61.7	S0312	.04150	9.5229	1.0	A
5007	33054.23	45 16N	27 5AE	73.9	189.1	2.511	6.65	63.1	S0312	.04150	9.8197	0.4	F
5008	33056.83	45 16N	27 5AE	73.2	189.1	2.511	7.00	63.1	S0312	.04150	10.0341	0.4	V
5009	33064.43	44 53N	28 26E	81.7	189.0	2.170	24.50	63.6	S0312	.03150	8.8798	0.4	A
5010	33083.03	43 13N	27 55E	80.9	188.8	2.511	22.75	64.8	S0312	.04150	8.9737	0.6	F
5011	33085.83	43 13N	27 55E	80.2	188.8	2.511	23.10	64.8	S0312	.04150	9.1654	0.6	V
5012	33249.43	31 47N	25 5E	82.4	187.6	2.733	23.80	71.2	S0312	.04150	8.8385	0.6	F
5013	33252.43	31 47N	25 5E	81.8	187.6	2.733	24.15	71.2	S0312	.04150	8.9705	0.4	V
5014	33691.83	1 39N	18 4E	91.9	186.4	3.439	-29.05	60.0	S0312	.03150	7.9316	1.0	V
9001	32710.03	60 40N	37 49E	83.1	197.9	0.986	-23.10	42.7	S0409	.07190	8.6746	1.0	F
9002	32714.03	60 40N	37 50E	82.7	197.8	1.113	-22.75	42.9	S0409	.07190	8.7571	0.8	A
9003	32762.23	56 11N	37 3E	76.6	195.4	1.475	9.80	46.1	S0409	.07190	9.5652	0.6	V
9004	32765.03	56 11N	37 2E	77.4	195.3	1.475	9.80	46.1	S0409	.07190	9.3508	0.6	A
9005	32809.63	51 53N	34 10E	75.4	193.8	1.687	-5.25	49.1	S0409	.07190	9.5982	1.0	F
9006	32815.03	51 53N	34 11E	75.2	193.6	1.687	-4.55	49.1	S0409	.07190	9.6394	1.0	A
9007	32837.63	50 7N	32 20E	80.6	193.0	1.475	-23.10	50.5	S0409	.07190	8.9464	0.6	F
9008	32840.43	50 7N	32 19E	79.7	192.9	1.687	-23.45	50.5	S0409	.07190	9.1441	0.6	V
9009	32860.63	58 57N	32 51E	74.0	192.4	2.033	4.20	52.1	S0409	.07190	9.9033	0.4	V
9010	32869.43	57 58N	33 3E	77.4	192.2	2.033	16.10	52.7	S0409	.07190	9.4745	0.4	V

Handle via
BYEMAN Channels
BYE-8915/84

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4354 COMMAND INFORMATION

REV	FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1426	9011	32872.23	57 05N	33 3E	78.3	192.1	1.810	16.45	52.7	S0409	.07190	9.2519	0.4	A
	9012	32876.23	57 01N	32 46E	76.7	192.0	2.033	14.70	53.1	S0409	.07190	9.5652	0.4	V
	9013	32879.03	57 01N	32 47E	77.8	191.9	2.033	15.40	53.1	S0409	.07190	9.3013	2.0	A
	9014	32884.03	56 41N	32 20E	76.9	191.8	2.033	13.30	53.8	S0409	.07190	9.4256	0.4	F
	9015	32891.63	56 40N	32 19E	76.9	191.7	2.033	13.65	53.8	S0409	.07190	9.4085	0.4	A
	9016	32908.83	55 17N	30 16E	79.4	191.5	1.810	-23.10	54.7	S0409	.07190	9.0469	0.4	F
	9017	32914.43	55 17N	30 16E	79.0	191.2	2.033	-22.75	54.7	S0409	.07190	9.1941	0.8	A
	9018	32924.23	54 24N	30 13E	75.1	191.0	2.033	-16.10	55.6	S0409	.07190	9.7549	0.5	V
	9019	32927.03	54 24N	30 13E	75.9	191.0	2.033	-15.75	55.6	S0409	.07190	9.5755	0.5	A
	9020	32955.63	52 6N	29 7E	78.8	190.5	2.033	-23.10	57.4	S0409	.07190	9.1612	0.4	F
	9021	32961.23	52 6N	29 7E	78.3	190.4	2.033	-22.40	57.4	S0409	.07190	9.2884	0.4	A
	9022	32974.23	50 49N	29 32E	73.5	190.2	2.385	1.05	58.7	S0409	.07190	9.8538	0.6	F
	9023	32976.03	50 47N	29 29E	73.5	190.2	2.385	1.05	58.8	S0409	.07190	9.8621	0.4	F
	9024	32981.23	50 46N	29 29E	73.4	190.1	2.385	1.75	58.8	S0409	.07190	9.8703	0.4	A
	9025	32994.43	49 49N	28 32E	75.1	189.9	2.170	-15.40	59.6	S0409	.07190	9.6147	0.5	F
	9026	32999.63	49 48N	28 32E	74.9	189.8	2.385	-15.05	59.6	S0409	.07190	9.6972	0.5	A
	9027	33011.63	48 9N	29 9E	77.0	189.7	2.385	15.75	61.0	S0409	.07190	9.4333	0.5	F
	9028	33014.43	48 7N	29 9E	76.2	189.6	2.385	16.10	61.0	S0409	.07190	9.6312	0.5	V
	9029	33017.23	48 7N	29 9E	77.2	189.6	2.385	16.45	61.0	S0409	.07190	9.3756	0.8	A
	9030	33026.63	47 7N	28 45E	76.0	189.5	2.511	13.30	61.7	S0409	.09670	9.5652	0.8	F
	9031	33032.03	47 7N	28 45E	76.2	189.4	2.385	14.00	61.7	S0409	.07190	9.5240	1.0	A
	9032	33043.43	46 44N	27 40E	73.1	189.3	2.385	-11.90	62.1	S0409	.07190	10.0270	0.5	V
	9033	33046.23	46 44N	27 40E	73.9	189.2	2.385	-11.55	62.1	S0409	.07190	9.8208	0.6	A
	9034	33074.43	44 16N	27 22E	72.9	188.9	2.511	-3.50	63.7	S0409	.07190	9.9528	1.4	A
	9035	33085.83	43 13N	27 55E	80.2	188.8	2.511	23.10	64.8	S0409	.07190	9.1364	0.6	V
	9036	33088.63	43 13N	27 55E	81.3	188.8	2.511	23.45	64.8	S0409	.07190	8.8808	0.6	A
	9037	33100.43	42 52N	26 33E	74.5	188.7	2.511	-15.05	64.7	S0409	.07190	9.7466	0.5	A
	9038	33105.43	42 49N	26 20E	74.3	188.6	2.511	-18.20	65.0	S0409	.07190	9.8703	0.4	V
	9039	33108.03	42 49N	26 20E	75.1	188.6	2.511	-17.85	65.0	S0409	.07190	9.6907	0.4	A
	9040	33249.43	31 47N	25 5E	82.4	187.6	2.733	23.80	71.2	S0409	.05410	8.8396	0.4	F
	9041	33259.43	31 29N	25 17E	90.3	187.6	2.385	32.55	71.5	S0409	.04090	7.9320	0.8	A
	9042	33403.23	21 40N	21 50E	79.8	186.9	3.211	-22.40	71.0	S0409	.05410	9.0787	1.6	A
1427	5001	38487.63	36 00N	2 42E	78.8	188.0	2.511	-24.85	68.2	S0312	.03150	9.1601	0.6	F
	5002	38490.43	36 00N	2 42E	77.7	188.0	2.511	-24.50	68.2	S0312	.03150	9.4239	0.4	V
	9001	38239.23	53 20N	9 25E	73.8	190.8	2.170	1.75	55.5	S0409	.07190	9.8208	0.4	F
	9002	38244.63	53 20N	8 25E	73.8	190.7	2.170	2.45	56.5	S0409	.07190	9.8291	0.6	A
	9003	38267.43	51 54N	7 40E	73.4	190.4	2.385	0.00	58.1	S0409	.07190	9.8793	0.4	F
	9004	38272.83	51 50N	7 40E	73.4	190.3	2.170	1.05	58.1	S0409	.07190	9.8786	0.6	A
	9005	38276.83	50 52N	7 34E	73.7	190.2	2.385	3.85	58.7	S0409	.07190	9.8573	0.5	F
	9006	38282.03	50 52N	7 34E	73.7	190.1	2.385	4.55	58.7	S0409	.07190	9.8378	0.5	A
	9007	38297.43	49 44N	7 27E	76.5	189.9	2.385	14.70	59.9	S0409	.07190	9.4828	0.6	F
	9008	38302.83	49 40N	7 27E	76.8	189.8	2.170	15.75	59.9	S0409	.07190	9.4333	0.5	A
	9009	38351.63	45 48N	5 29E	73.8	189.2	2.385	-10.85	62.4	S0409	.07190	9.8126	1.0	F
	9010	38356.83	45 48N	5 29E	73.6	189.2	2.385	-10.15	62.5	S0409	.07190	9.8521	1.2	A
	9011	38383.83	43 55N	4 58E	73.2	188.9	2.511	-7.70	64.1	S0409	.04090	9.8951	0.8	F
	9012	38389.03	43 55N	4 58E	73.0	188.8	2.511	-7.00	64.1	S0409	.04090	9.9280	0.3	A
	9013	38495.63	36 06N	2 43E	76.2	187.9	2.733	-20.30	68.5	S0409	.07190	9.4810	0.4	F
	9014	38498.23	35 57N	2 43E	75.1	187.9	2.733	-19.95	68.5	S0409	.07190	9.7651	0.5	V
	9015	38921.23	6 00N	2 33W	81.2	186.5	3.574	-7.70	64.3	S0409	.05410	8.8726	1.0	A
1429	5001	49686.22	3 40S	49 42W	113.3	186.4	3.211	-42.70	55.4	S0312	.02250	9.3650	0.6	A
	9001	49646.42	1 22S	48 29W	87.7	186.4	3.574	-19.60	57.8	S0409	.07190	9.2953	0.6	V
	9002	49649.62	1 22S	48 29W	88.6	186.4	3.574	-18.90	57.8	S0409	.07190	9.1222	0.5	A
	9003	49703.22	5 16S	49 9W	89.7	186.4	3.439	-18.55	58.6	S0409	.05410	8.1057	1.0	V
	9004	49951.22	22 26S	52 52W	115.2	186.9	3.090	-32.90	59.1	S0409	.05410	8.1844	1.0	F
	9005	49967.42	22 19S	52 43W	111.1	187.0	3.439	-29.05	59.3	S0409	.05410	8.4317	1.0	A
	9006	49982.62	22 36S	52 57W	116.0	187.0	3.439	-33.25	58.9	S0409	.05410	8.1679	1.8	A
1430	9001	54772.42	10 50N	68 4W	79.1	186.0	3.439	-2.45	66.8	S0409	.05410	9.1364	0.5	F
	9002	54775.22	10 50N	68 4W	78.3	186.0	3.439	-2.10	66.8	S0409	.07190	9.3343	0.5	V
	9003	54780.82	10 47N	68 9W	79.4	186.0	3.439	-3.15	66.6	S0409	.05410	9.0869	0.4	A
	9004	54787.62	9 41N	68 34W	80.8	186.0	3.439	-16.80	66.0	S0409	.05410	9.0457	1.0	V
	9005	54796.22	9 17N	68 29W	80.3	186.0	3.574	-9.10	65.8	S0409	.05410	8.9880	0.8	A
	9006	54819.22	7 16N	68 36W	80.6	185.9	3.439	-1.05	66.7	S0409	.05410	8.9715	0.5	F
	9007	54825.42	7 14N	68 28W	81.9	186.0	3.211	6.30	66.8	S0409	.05410	8.7901	0.8	A
	9008	54944.82	1 10S	69 42W	88.0	186.4	3.211	13.65	68.5	S0409	.05410	8.2371	1.0	V
1431	9001	59607.42	42 00N	83 8W	74.7	188.7	2.733	10.85	65.0	S0409	.07190	9.7156	0.4	F
	9002	59614.82	42 27N	83 10W	74.9	188.7	2.511	11.90	65.1	S0409	.07190	9.6642	0.3	A
	9003	59973.02	17 00N	83 18W	85.6	186.7	2.733	22.05	70.9	S0409	.05410	8.7489	1.0	V
	9004	59976.22	17 04N	83 19W	84.9	186.7	2.733	22.40	70.9	S0409	.05410	8.4685	0.4	A
	9005	59990.22	16 40N	83 2W	77.2	186.7	3.439	1.40	69.9	S0409	.05410	9.3755	0.6	F
	9006	59995.82	16 40N	83 2W	77.5	186.7	3.439	2.45	69.9	S0409	.05410	9.3013	0.6	A
	9007	60003.02	16 43N	83 32W	88.4	186.7	2.872	25.90	70.2	S0409	.05410	8.1304	0.5	A
	9008	60025.82	14 13N	83 33W	76.6	186.6	3.439	-2.80	68.7	S0409	.07190	9.5487	0.4	V
	9009	60028.62	14 13N	83 34W	77.6	186.6	3.439	-2.45	68.7	S0409	.05410	9.3013	0.4	A
1432	5001	63779.22	57 54N	60 7E	130.4	347.7	-1.109	43.75	-5.2	S0312	.29710	9.5525	1.0	A
	5002	63785.22	58 07N	59 48E	127.1	347.5	-1.109	43.05	-4.5	S0312	.29710	9.7054	0.8	V
	5003	63789.02	58 20N	59 42E	131.6	347.4	-1.109	44.45	-4.5	S0312	.29710	9.4746	1.8	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1433 5001	69026.01	54 05N	43 19E	103.9	349.8	-2.028	-20.30	-9.2	S0312	.29710	6.8927	1.0	A
1436 9001	85869.20	61 47N	174 8E	80.2	193.6	1.687	17.15	49.2	S0409	.05410	9.0210	0.4	A
1437 9001	5696.20	0 24S	134 52E	86.3	186.4	3.574	-12.95	58.4	S0409	.05410	8.3283	0.5	A
9002	5705.80	1 26S	134 11E	98.9	186.4	3.439	-33.25	57.5	S0409	.05410	7.2893	1.0	A
9003	5715.60	2 29S	133 55E	102.3	186.4	3.211	-36.75	56.7	S0409	.05410	7.1244	0.4	V
1438 5001	10000.00	67 41N	134 44E	85.4	197.0	1.332	23.45	43.7	S0312	.04150	8.4440	0.4	A
5002	10390.60	41 15N	120 31E	80.4	188.5	2.385	-27.65	65.3	S0312	.03150	8.9869	0.6	F
9001	10081.20	62 7N	129 47E	77.9	193.9	1.687	11.20	48.8	S0409	.05410	9.2951	0.8	F
9002	10085.80	62 0N	129 40E	76.7	193.8	1.687	10.80	48.9	S0409	.05410	9.5570	0.6	V
9003	10088.60	62 0N	129 40E	77.6	193.7	1.687	10.85	49.0	S0409	.05410	9.3343	0.6	A
9004	10301.00	47 24N	123 59E	82.5	189.5	2.170	23.25	61.6	S0409	.05410	8.9055	0.4	V
9005	10304.00	47 24N	123 59E	83.7	189.5	2.170	26.60	61.6	S0409	.05410	8.6499	0.4	A
9006	10319.80	46 0N	122 32E	73.0	189.3	2.511	-4.90	62.3	S0409	.07190	9.9198	0.4	F
9007	10322.40	46 0N	122 32E	72.1	189.2	2.511	-4.55	62.3	S0409	.07190	10.1756	0.6	V
9008	10376.20	42 7N	121 40E	73.1	188.7	2.733	2.45	65.1	S0409	.07190	9.9199	0.6	F
9009	10381.40	42 7N	121 40E	73.2	188.6	2.733	3.50	65.2	S0409	.07190	9.9003	0.8	A
9010	10397.00	40 44N	120 54E	73.8	188.5	2.733	-11.90	65.9	S0409	.07190	9.8043	0.8	F
9011	10402.40	40 43N	120 53E	73.6	188.4	2.733	-11.20	65.9	S0409	.07190	9.8621	0.8	A
9012	10423.60	38 57N	121 39E	84.5	188.3	2.305	28.70	67.6	S0409	.07190	8.6829	0.4	V
9013	10426.60	38 57N	121 39E	85.8	188.2	2.385	29.05	67.6	S0409	.07190	8.4190	0.4	A
9014	10440.80	37 43N	120 14E	73.5	188.1	2.872	-9.10	67.7	S0409	.07190	9.8703	0.4	F
9015	10443.60	37 42N	120 14E	72.4	188.1	2.874	-8.75	67.7	S0409	.07190	10.1259	0.4	V
9016	10446.20	37 42N	120 14E	73.2	188.1	2.872	-8.40	67.7	S0409	.07190	9.9115	0.4	A
9017	10453.20	36 58N	120 38E	74.7	188.0	2.733	12.60	68.5	S0409	.07190	9.8126	0.4	V
9018	10458.40	36 58N	120 22E	74.2	188.0	2.872	7.35	68.7	S0409	.07190	9.7879	1.4	F
9019	10463.20	36 7N	120 19E	74.3	188.0	2.872	8.05	68.9	S0409	.07190	9.7651	1.0	F
9020	10466.40	36 0N	120 18E	73.5	187.9	2.872	8.05	68.9	S0409	.07190	9.9858	0.4	V
9021	10472.80	35 40N	119 55E	72.1	187.9	2.872	-2.80	68.9	S0409	.07190	10.1754	0.4	V
9022	10481.20	35 9N	119 20E	75.3	187.8	2.733	-19.60	69.0	S0409	.07190	9.7384	0.4	V
9023	10486.40	34 48N	119 27E	72.2	187.8	2.872	-12.60	69.2	S0409	.07190	10.1507	0.8	V
9024	10493.20	34 26N	119 44E	73.3	187.8	2.872	1.40	69.6	S0409	.07190	9.8868	0.4	A
9025	10500.40	34 26N	119 0E	76.6	187.7	2.733	-19.95	69.5	S0409	.05410	9.4363	0.6	F
9026	10511.60	33 50N	119 50E	77.2	187.6	2.733	17.50	70.5	S0409	.05410	9.4910	0.4	V
9027	10522.40	33 7N	119 47E	75.5	187.6	2.872	-16.45	70.2	S0409	.07190	9.5817	0.4	F
9028	10525.00	33 7N	119 47E	74.5	187.6	2.872	-16.10	70.2	S0409	.07190	9.8456	0.6	V
9029	10527.80	33 7N	119 47E	75.2	187.6	3.090	-15.75	70.2	S0409	.07190	9.6559	0.6	A
9030	10546.60	30 26N	119 35E	73.8	187.5	3.090	-10.15	70.8	S0409	.07190	9.8126	0.4	F
9031	10549.20	30 26N	119 35E	72.9	187.4	3.090	-9.80	70.8	S0409	.07190	10.0600	0.6	V
9032	10555.80	30 0N	119 41E	73.4	187.4	3.090	-8.40	71.0	S0409	.05410	9.8703	0.6	A
9033	10568.40	28 53N	119 38E	74.1	187.3	3.090	4.55	71.5	S0409	.07190	9.7961	0.6	F
9034	10578.00	28 29N	117 48E	78.3	187.3	2.872	-24.15	71.0	S0409	.05410	9.3508	0.4	V
9035	10580.60	28 29N	117 49E	79.9	187.3	3.090	-23.80	71.0	S0409	.05410	9.2049	0.4	A
9036	10585.80	27 44N	117 60E	74.8	187.3	3.090	-11.90	71.3	S0409	.07190	9.6807	0.6	F
9037	10594.40	27 10N	117 25E	81.9	187.2	2.733	-29.05	71.0	S0409	.05410	8.8148	0.6	F
9038	10601.80	26 56N	117 36E	76.5	187.2	3.090	-16.90	71.3	S0409	.05410	9.4494	0.4	F
9039	10607.20	26 26N	117 49E	73.5	187.2	3.090	-8.05	71.6	S0409	.07190	9.9693	0.6	V
9040	10610.00	26 26N	117 49E	74.4	187.2	3.090	-7.70	71.6	S0409	.07190	9.7486	0.6	A
9041	10617.40	25 49N	118 7E	76.3	187.1	3.090	11.90	72.0	S0409	.05410	9.5240	0.4	F
9042	10622.60	25 4N	118 24E	84.4	187.1	2.872	24.85	72.4	S0409	.05410	8.6334	0.4	F
9043	10630.00	24 39N	117 40E	74.6	187.1	3.211	0.00	71.8	S0409	.05410	9.7156	1.4	F
9044	10633.60	24 39N	117 39E	73.8	187.1	3.211	0.35	71.8	S0409	.05410	9.9280	0.6	V
9045	10637.00	24 26N	117 36E	73.9	187.0	3.211	-1.05	71.8	S0409	.07190	9.8043	2.2	A
9046	10645.00	23 59N	117 30E	74.4	187.0	3.211	-1.05	71.7	S0409	.07190	9.7301	0.6	A
9047	10654.20	23 27N	116 39E	84.1	187.0	3.090	-30.10	71.0	S0409	.05410	8.6334	0.6	A
9048	10837.80	10 20N	114 22E	86.8	186.5	3.211	-27.30	66.2	S0409	.05410	8.2788	0.8	F
9049	10843.00	10 15N	114 22E	84.9	186.5	3.211	-25.55	66.1	S0409	.05410	8.6004	0.8	V
9050	10846.00	10 15N	114 22E	85.6	186.5	3.439	-25.20	66.1	S0409	.05410	8.4520	1.0	A
9051	10850.40	9 59N	114 20E	85.5	186.5	3.439	-24.85	66.0	S0409	.05410	8.4603	0.4	A
9052	11047.00	6 24S	112 4E	88.9	186.5	3.439	0.35	53.6	S0409	.05410	8.1857	0.4	F
9053	11093.20	7 0S	112 10E	89.2	186.5	3.211	6.30	53.5	S0409	.05410	8.1551	0.4	V
9054	11099.80	7 48S	112 14E	94.3	186.5	3.090	15.40	53.1	S0409	.05410	7.6521	0.6	F
9055	11103.40	7 49S	112 20E	94.0	186.5	3.090	16.45	53.1	S0409	.05410	7.7264	0.8	V
9056	11111.20	8 0S	112 28E	100.2	186.5	2.733	23.10	52.9	S0409	.05410	7.1162	0.8	A
1439 5001	15691.59	41 41N	99 58E	78.9	188.5	2.511	20.65	65.7	S0312	.03150	9.2260	0.4	F
5002	15694.39	41 41N	99 58E	78.2	188.5	2.511	21.00	65.7	S0312	.03150	9.3392	0.4	V
5003	15711.39	40 29N	99 55E	83.9	188.4	2.511	28.70	66.6	S0312	.03150	8.7643	0.4	V
5004	15714.39	40 29N	99 55E	85.2	188.4	2.511	29.05	66.6	S0312	.03150	8.5087	0.4	A
9001	15596.19	53 26N	102 37E	74.5	190.7	2.170	-11.20	56.3	S0409	.07190	9.7384	0.8	A
9002	15694.39	41 40N	99 58E	78.2	188.6	2.511	21.00	65.7	S0409	.07190	9.4003	0.4	V
9003	15697.19	41 41N	99 58E	79.3	188.6	2.511	21.35	65.7	S0409	.05410	9.1282	0.4	A
9004	15703.99	40 47N	99 55E	82.6	188.5	2.511	25.90	66.4	S0409	.05410	8.8413	0.4	F
9005	15706.99	40 47N	99 55E	81.7	188.5	2.511	26.25	66.4	S0409	.05410	8.9880	0.4	V
9006	15727.79	39 41N	98 21E	74.2	188.3	2.733	-16.80	66.4	S0409	.05410	9.7879	1.0	A
9007	15898.39	27 34N	95 35E	78.2	187.2	2.872	-21.70	71.1	S0409	.05410	9.2271	0.6	F
9008	15904.79	27 34N	95 17E	84.2	187.2	2.872	-31.15	70.9	S0409	.04050	8.6169	0.6	A
9009	16128.19	11 42N	92 46E	81.3	186.6	3.439	-17.85	67.2	S0409	.07190	8.8726	0.8	F
9010	16133.99	11 42N	92 44E	81.1	186.6	3.439	-16.80	67.2	S0409	.07190	8.9220	0.8	A
1440 5001	20798.53	55 24N	82 56E	86.7	191.4	2.033	28.70	54.9	S0312	.03150	8.3851	0.8	F

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1440 5002	20802.39	55 21N	82 57E	86.8	191.3	1.810	30.10	55.0	S0312	.03150	8.4675	0.6	V
9001	20589.19	69 07N	90 23E	78.0	198.8	1.113	-5.60	41.8	S0409	.07190	9.2519	0.8	F
9002	20594.79	69 07N	90 23E	77.8	198.4	1.113	-5.25	41.8	S0409	.07190	9.3013	0.8	A
9003	20807.79	54 48N	82 33E	84.8	191.2	2.033	26.60	55.4	S0409	.05410	8.5592	0.4	F
9004	20810.79	54 48N	82 33E	84.0	191.2	2.033	26.95	55.5	S0409	.05410	8.7241	0.4	V
9005	20813.79	54 48N	82 33E	85.1	191.1	1.810	27.30	55.4	S0409	.05410	8.5097	0.6	A
9006	20876.99	50 30N	79 3E	77.3	190.1	2.170	-22.40	58.6	S0409	.05410	9.4663	0.6	V
9007	20879.79	50 30N	79 3E	78.0	190.0	2.170	-22.05	58.6	S0409	.05410	9.3013	0.6	A
9008	20950.99	45 0N	78 30E	74.6	189.1	2.511	10.15	63.1	S0409	.05410	9.7384	0.6	F
9009	20954.39	45 0N	78 29E	74.7	189.1	2.511	10.85	63.1	S0409	.05410	9.6972	0.6	A
9010	20970.19	43 50N	77 2E	79.4	188.9	2.385	-25.90	63.5	S0409	.05410	9.0952	0.6	F
9011	20973.19	43 50N	77 3E	78.2	188.9	2.385	-25.55	63.5	S0409	.05410	9.3756	0.6	V
9012	20978.19	43 42N	77 10E	75.1	188.8	2.511	-17.50	64.0	S0409	.05410	9.6229	0.6	F
9013	20983.39	43 42N	77 10E	74.8	188.8	2.511	-16.80	64.0	S0409	.05410	9.7054	0.8	A
9014	21111.59	34 14N	74 32E	83.3	187.4	2.385	-31.85	69.0	S0409	.04090	8.6582	1.0	F
9015	21117.39	34 14N	74 31E	82.7	187.7	2.733	-31.50	69.0	S0409	.04090	8.7901	1.0	A
9016	21126.59	33 41N	74 14E	85.4	187.7	2.385	-33.60	69.4	S0409	.04090	8.4438	1.0	F
9017	21132.39	33 0N	74 4E	87.9	187.6	2.310	-36.75	69.4	S0409	.04090	8.3366	0.8	V
9018	21137.59	32 36N	74 5E	86.7	187.6	2.511	-34.65	69.5	S0409	.04090	8.5345	0.6	V
9019	21147.59	31 49N	74 48E	73.4	187.5	3.090	-2.80	70.6	S0409	.05410	9.8786	0.6	F
9020	21152.99	31 40N	74 48E	73.4	187.5	3.090	-1.75	70.6	S0409	.05410	9.8786	0.6	A
9021	21281.59	22 24N	73 9E	76.3	186.9	3.211	6.65	71.8	S0409	.05410	9.4992	0.8	F
9022	21286.99	22 26N	73 9E	76.7	186.9	3.211	7.70	71.8	S0409	.05410	9.4250	1.0	A
9023	21321.19	19 52N	72 40E	76.4	186.8	3.211	7.35	71.3	S0409	.07190	9.5900	0.6	V
9024	21323.99	19 52N	72 40E	77.4	186.8	3.211	7.70	71.3	S0409	.05410	9.3261	0.6	A
9025	21330.99	19 50N	72 56E	85.5	186.8	2.872	23.80	71.4	S0409	.05410	8.5097	1.0	F
9026	21337.19	18 50N	72 56E	86.1	186.8	2.733	24.50	71.4	S0409	.05410	8.3613	1.0	A
1441 5001	25932.39	67 50N	64 21E	91.8	196.9	0.776	-33.60	43.6	S0312	.03150	7.8409	0.8	F
5002	25935.79	67 50N	64 19E	90.8	196.7	0.966	-33.95	43.6	S0312	.03150	8.0553	0.8	V
5003	26063.59	58 36N	59 40E	84.4	192.4	1.475	-29.05	51.6	S0312	.03150	8.5417	1.6	F
5004	26130.59	54 0N	57 52E	83.1	191.0	1.687	-29.05	55.5	S0312	.03150	8.6901	0.6	F
5005	26133.59	54 0N	57 52E	82.1	190.9	1.687	-29.65	55.5	S0312	.03150	8.9292	1.2	V
5006	26136.99	54 0N	57 51E	82.8	190.9	1.687	-28.70	55.6	S0312	.03150	8.7808	0.8	A
5007	26209.39	49 42N	57 59E	80.9	189.7	2.170	24.15	60.5	S0312	.03150	9.0776	0.6	V
5008	26212.39	49 42N	57 59E	82.1	189.7	2.170	24.50	60.5	S0312	.03150	8.8503	0.8	A
5009	26281.99	44 30N	54 54E	78.4	188.9	2.385	-25.55	63.5	S0312	.03150	9.3497	0.6	V
5010	26284.79	44 30N	54 54E	79.1	188.9	2.385	-25.20	63.5	S0312	.03150	9.2013	0.8	A
9001	25983.79	63 10N	63 27E	75.9	194.4	1.687	-1.75	47.7	S0409	.07190	9.5322	1.0	F
9002	25999.39	63 10N	63 26E	75.7	194.2	1.687	-1.40	47.8	S0409	.07190	9.5852	0.8	A
9003	26020.99	61 10N	63 10E	79.2	193.5	1.810	15.75	49.6	S0409	.05410	9.1529	0.8	F
9004	26026.59	61 10N	63 9E	79.2	193.4	1.687	16.10	49.6	S0409	.05410	9.1447	0.6	A
9005	26064.19	58 30N	59 39E	84.5	192.4	1.475	-29.05	51.7	S0409	.07190	9.5427	0.8	F
9006	26072.79	57 57N	60 7E	76.2	192.2	1.810	-13.65	52.4	S0409	.07190	9.4745	1.6	F
9007	26078.19	57 57N	60 7E	75.9	192.0	1.810	-12.95	52.4	S0409	.07190	9.5570	1.6	A
9008	26087.19	57 19N	60 5E	74.6	191.8	2.033	-7.35	53.0	S0409	.07190	9.7136	0.8	A
9009	26096.19	56 13N	60 41E	78.7	191.6	2.170	18.55	54.1	S0409	.07190	9.2271	1.0	F
9010	26101.99	56 12N	60 41E	78.9	191.5	2.033	19.25	54.1	S0409	.07190	9.1777	0.8	A
9011	26113.19	55 50N	59 43E	74.9	191.3	2.170	6.65	55.0	S0409	.07190	9.6807	0.6	F
9012	26115.99	55 49N	59 43E	74.0	191.2	2.170	7.00	55.0	S0409	.07190	9.9115	0.6	V
9013	26134.19	54 42N	57 51E	82.1	190.9	1.687	-29.05	55.6	S0409	.07190	8.9303	0.6	V
9014	26136.99	54 30N	57 51E	82.7	190.9	1.687	-28.70	55.6	S0409	.07190	8.7818	0.6	A
9015	26164.59	51 48N	58 49E	77.5	190.4	2.170	17.85	57.9	S0409	.07190	9.4745	0.6	V
9016	26168.79	51 48N	58 37E	77.8	190.3	2.385	16.45	58.3	S0409	.07190	9.3343	0.4	F
9017	26171.59	51 48N	58 37E	77.0	190.3	2.170	17.15	58.3	S0409	.07190	9.5322	0.4	V
9018	26174.39	51 48N	58 37E	76.0	190.2	2.170	17.50	58.3	S0409	.07190	9.2766	0.4	A
9019	26209.39	48 42N	57 59E	80.9	189.7	2.170	24.15	60.5	S0409	.07190	9.0787	0.6	V
9020	26212.39	49 41N	57 58E	82.1	189.7	2.170	24.50	60.5	S0409	.05410	8.8513	0.8	A
9021	26229.99	47 39N	57 55E	79.9	189.5	2.511	12.95	61.6	S0409	.07190	9.5552	0.8	F
9022	26235.39	47 39N	57 55E	76.0	189.4	2.385	13.65	61.6	S0409	.07190	9.5157	0.8	A
9023	26281.79	43 50N	54 54E	78.4	188.9	2.385	-25.55	63.5	S0409	.07190	9.3508	0.6	V
9024	26284.79	43 50N	54 54E	79.1	188.9	2.385	-25.20	63.5	S0409	.07190	9.2024	0.6	A
9025	26382.39	36 47N	53 32E	74.4	188.0	2.733	-13.65	68.1	S0409	.04090	9.7219	1.0	F
9026	26387.79	36 47N	53 32E	74.2	188.0	2.672	-12.95	68.1	S0409	.04090	9.7796	0.8	A
9027	26799.39	8 46N	48 30E	81.7	186.5	3.211	7.70	65.7	S0409	.05410	8.8066	1.0	A
9028	26820.14	6 49N	47 28E	85.5	186.5	3.439	-23.30	64.0	S0409	.04090	8.5427	1.0	V
9029	27102.39	12 10S	43 46E	106.2	186.6	3.439	-31.85	48.4	S0409	.05410	8.7616	1.0	A
1442 5001	31495.19	43 54N	36 22E	82.8	190.0	2.170	25.20	59.5	S0312	.03150	8.7543	0.8	F
5002	31498.19	43 54N	36 22E	82.1	190.0	2.170	25.55	59.5	S0312	.03150	8.9210	0.8	V
5003	31499.39	43 54N	36 21E	82.1	190.0	2.170	25.55	59.5	S0312	.03150	8.9210	0.4	V
5004	31502.39	43 54N	36 21E	83.4	189.9	2.170	25.90	59.5	S0312	.03150	8.6736	0.4	A
5005	31794.59	20 52N	31 7E	89.7	187.4	2.385	31.85	71.9	S0312	.02260	8.0553	1.0	A
5006	32797.39	34 11S	18 27E	109.9	187.8	2.872	2.80	28.8	S0312	.05390	8.5382	0.4	V
5007	32731.39	34 10S	18 27E	111.6	187.8	2.872	3.15	28.9	S0312	.04150	8.3403	0.6	A
9001	31285.79	64 24N	40 46E	83.7	195.0	1.113	-25.55	46.5	S0409	.05410	8.6087	0.8	F
9002	31288.79	64 24N	40 46E	82.5	194.9	1.332	-25.55	46.5	S0409	.05410	8.8726	0.6	V
9003	31291.79	64 24N	40 44E	83.4	194.7	1.332	-25.55	46.5	S0409	.05410	8.6994	0.6	A
9004	31303.99	63 0N	40 59E	76.1	194.3	1.687	-7.35	47.8	S0409	.07190	9.4992	1.0	F
9005	31309.59	63 0N	40 58E	75.9	194.1	1.687	-7.00	47.8	S0409	.07190	9.5467	0.8	A
9006	31314.59	62 48N	40 23E	77.6	194.0	1.687	-15.05	48.1	S0409	.07190	9.3426	0.6	A
9007	31324.99	61 40N	40 19E	75.3	193.8	1.687	-3.85	49.1	S0409	.07190	9.5982	0.6	F
9008	31327.79	61 40N	40 19E	74.4	193.8	1.687	-3.50	49.1	S0409	.07190	9.8456	0.6	V

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1442 9009	31362.99	59 8N	38 39E	75.8	192.6	1.810	-11.55	51.3	S0409	.07190	9.5240	1.0	F
9010	31368.59	59 8N	38 38E	75.6	192.5	1.810	-11.20	51.4	S0409	.07190	9.5900	0.8	A
9011	31393.39	57 10N	37 54E	73.9	191.9	2.033	-8.40	53.0	S0409	.07190	9.9115	0.6	V
9012	31396.19	57 10N	37 54E	74.7	191.8	2.033	-8.05	53.0	S0409	.07190	9.7054	0.4	A
9013	31403.39	56 10N	38 20E	76.6	191.7	2.170	11.90	54.0	S0409	.07190	9.4663	1.0	F
9014	31408.99	56 17N	38 19E	76.7	191.5	2.033	12.60	54.0	S0409	.07190	9.4415	0.8	A
9015	31415.39	55 44N	37 26E	73.2	191.4	2.033	-3.85	54.4	S0409	.07190	10.0105	0.6	V
9016	31418.19	55 44N	37 26E	74.0	191.4	2.033	-3.50	54.4	S0409	.07190	9.7951	0.4	A
9017	31424.99	55 14N	37 39E	75.0	191.2	2.033	7.35	54.9	S0409	.07190	9.6642	0.8	A
9018	31429.99	54 44N	37 12E	73.1	191.1	2.033	0.70	55.3	S0409	.07190	10.0352	0.4	V
9019	31432.59	54 44N	37 11E	73.9	191.1	2.033	0.70	55.3	S0409	.07190	9.8126	0.4	A
9020	31444.79	53 54N	36 31E	73.9	190.9	2.170	-5.95	56.2	S0409	.07190	9.7879	0.6	F
9021	31447.59	53 54N	36 31E	72.9	190.8	2.170	-5.60	56.2	S0409	.07190	10.0917	0.4	V
9022	31450.19	53 54N	36 31E	73.7	190.8	2.170	-5.25	56.2	S0409	.07190	9.8573	0.4	A
9023	31472.59	51 42N	35 37E	74.6	190.4	2.170	-11.90	57.7	S0409	.07190	9.6889	0.4	F
9024	31475.19	51 42N	35 37E	73.6	190.4	2.170	-11.55	57.7	S0409	.07190	9.9528	0.6	V
9025	31495.19	49 39N	36 22E	82.9	190.0	2.170	25.20	59.5	S0409	.05410	8.7654	0.6	F
9026	31499.39	49 39N	36 21E	82.1	190.0	2.170	25.55	59.5	S0409	.07190	8.9220	0.4	V
9027	31502.39	49 54N	36 21E	83.3	189.9	2.170	25.90	59.5	S0409	.05410	8.6746	0.4	A
9028	31518.59	48 56N	35 51E	81.2	189.7	2.170	24.50	60.6	S0409	.07190	9.0457	0.8	V
9029	31521.59	48 56N	35 51E	82.4	189.7	2.170	24.85	60.6	S0409	.05410	8.7301	0.8	A
9030	31524.59	47 54N	35 20E	77.4	189.6	2.385	16.45	61.0	S0409	.07190	9.3938	0.8	F
9031	31527.99	47 54N	35 19E	77.4	189.6	2.385	16.45	61.1	S0409	.07190	9.3756	0.6	F
9032	31530.19	47 54N	35 19E	77.6	189.5	2.385	17.15	61.0	S0409	.07190	9.3178	0.8	A
9033	31533.59	47 48N	35 18E	77.7	189.5	2.385	17.15	61.1	S0409	.07190	9.3178	0.6	A
9034	31543.19	47 30	35 17E	80.7	189.4	2.170	22.75	61.7	S0409	.05410	8.9533	0.6	A
9035	31548.99	46 44N	35 3E	78.9	189.3	2.385	19.60	62.0	S0409	.07190	9.1642	0.6	A
9036	31558.79	45 44N	34 26E	74.8	189.2	2.511	9.80	62.6	S0409	.07190	9.7054	0.6	F
9037	31564.39	45 42N	34 7E	73.4	189.2	2.511	3.50	62.8	S0409	.07190	9.8766	1.8	F
9038	31569.79	45 42N	34 7E	73.4	189.1	2.511	4.20	62.8	S0409	.07190	9.8703	1.6	A
9039	31577.19	44 54N	33 36E	73.1	189.0	2.511	-5.60	63.3	S0409	.07190	9.9115	0.4	F
9040	31579.79	44 54N	33 36E	72.2	189.0	2.511	-5.25	63.3	S0409	.07190	10.1589	0.6	V
9041	31767.59	31 26N	30 26E	73.6	187.5	3.090	-6.30	70.6	S0409	.07190	9.8573	0.6	F
9042	31774.99	31 4N	30 41E	73.9	187.5	2.872	7.35	70.9	S0409	.04090	9.9198	0.8	V
9043	31784.79	30 4N	31 17E	92.2	187.4	2.511	33.95	71.9	S0409	.05410	7.8748	1.2	F
9044	31788.19	30 4N	31 17E	91.6	187.4	2.511	34.30	71.9	S0409	.05410	7.9820	1.2	V
9045	32214.39	0 56N	25 10E	87.2	186.4	3.211	11.90	80.0	S0409	.05410	8.2953	1.0	F
9046	32220.99	0 56N	25 28E	91.5	186.4	2.872	19.60	80.1	S0409	.05410	7.8253	1.2	A
9047	32706.99	33 0S	17 58E	112.8	187.6	3.090	-17.15	29.6	S0409	.07190	6.2998	0.4	F
9048	32711.19	33 0S	17 57E	111.6	187.7	3.090	-16.80	29.6	S0409	.07190	6.4400	0.4	V
9049	32719.79	33 54S	18 26E	109.0	187.7	2.872	-0.35	29.3	S0409	.07190	6.5684	0.4	V
9050	32723.78	33 54S	18 26E	110.6	187.7	2.872	0.00	29.3	S0409	.07190	6.3905	0.6	A
1443 9001	36876.38	64 48N	177 54E	109.9	344.8	-1.321	-23.79	0.1	S0312	.29710	5.5299	0.6	A
9001	36746.78	53 36N	14 17E	75.2	191.0	2.033	-12.95	55.8	S0409	.09670	9.6064	0.8	F
9002	36752.18	53 36N	14 17E	74.9	190.9	2.033	-12.25	55.8	S0409	.09670	9.6807	0.8	A
9003	36756.38	53 48N	14 4E	75.7	190.8	2.033	-15.05	56.0	S0409	.07190	9.5900	1.6	A
9004	36765.58	52 48N	13 47E	75.2	190.6	2.033	-13.65	56.4	S0409	.07190	9.6147	0.8	F
9005	36770.98	52 48N	13 47E	74.9	190.5	2.170	-12.95	56.4	S0409	.07190	9.6889	0.8	A
9006	36785.38	51 42N	14 15E	76.4	190.3	2.385	13.65	58.3	S0409	.07190	9.4992	0.8	F
9007	36790.78	51 42N	14 15E	76.6	190.2	2.170	14.70	58.3	S0409	.07190	9.4580	0.8	A
9008	36799.18	50 24N	13 12E	73.5	190.1	2.170	-7.70	58.6	S0409	.07190	9.8373	0.6	F
9009	36804.38	50 24N	13 12E	73.4	190.0	2.385	-7.35	58.8	S0409	.07190	9.8868	0.6	A
9010	36875.18	45 27N	12 16E	79.2	189.1	2.511	11.55	62.8	S0409	.07190	9.6512	0.6	A
9011	36955.18	39 48N	9 27E	82.9	188.4	2.170	-30.80	66.1	S0409	.04090	8.6994	0.8	F
9012	36964.19	39 48N	9 27E	81.7	188.3	2.385	-30.80	66.1	S0409	.04090	8.9715	0.8	V
9013	36961.18	39 48N	9 27E	82.4	188.3	2.385	-30.45	66.1	S0409	.04090	8.8413	0.4	A
9014	36990.98	37 12N	9 48E	73.2	188.1	2.872	1.40	68.1	S0409	.07190	9.9115	0.6	F
9015	36996.18	37 12N	9 49E	73.3	188.0	2.872	2.45	68.2	S0409	.07190	9.8868	0.6	A
9016	37003.38	36 48N	9 23E	73.4	188.0	2.872	-9.45	68.2	S0409	.07190	9.8786	0.6	A
1445 5001	48309.78	11 20S	42 31W	112.2	186.5	2.385	33.60	50.3	S0312	.02260	5.4557	0.8	V
5002	48424.38	19 17S	46 10W	116.0	186.8	3.090	-36.05	42.1	S0312	.03150	5.1507	0.8	F
9001	48433.38	19 20S	46 7W	113.6	186.8	3.439	-33.95	42.0	S0409	.05410	8.3080	1.0	A
9002	48467.38	21 57S	46 30W	110.5	186.9	3.211	-30.45	39.7	S0409	.05410	8.5307	0.6	V
9003	48471.38	21 56S	46 30W	111.9	186.9	3.439	-30.45	39.7	S0409	.05410	8.3305	0.8	A
1446 9001	53236.97	14 39N	60 60W	77.9	186.6	3.211	5.25	69.2	S0409	.05410	9.4415	1.4	V
9002	53245.37	14 3N	60 59W	79.0	186.5	3.211	10.15	69.1	S0409	.05410	9.2519	0.8	V
9003	53249.37	13 48N	60 57W	80.5	186.6	3.211	13.65	69.0	S0409	.05410	9.0869	0.8	V
9004	53326.57	8 24N	62 44W	83.9	186.5	3.439	-21.80	65.1	S0409	.05410	8.5839	0.6	F
9005	53335.57	8 4N	62 19W	80.2	186.5	3.439	-1.40	65.3	S0409	.07190	8.9715	1.2	A
9006	53343.17	7 50N	61 54W	87.5	186.5	2.872	19.95	65.3	S0409	.05410	8.2046	0.6	A
9007	53785.57	22 44S	67 40W	98.7	187.0	3.211	2.45	39.5	S0409	.05410	7.2069	1.2	A
9008	53940.97	33 26S	70 32W	110.7	187.7	3.090	-16.10	29.3	S0409	.07190	6.4895	0.4	V
9009	53945.17	33 26S	70 32W	112.0	187.7	3.090	-15.40	29.3	S0409	.07190	6.3328	0.4	A
9010	53968.57	35 27S	69 34W	118.1	187.9	2.385	19.95	27.9	S0409	.04090	6.0689	0.6	V
9011	53972.97	35 26S	69 33W	120.3	187.9	2.170	20.65	28.0	S0409	.04090	5.8528	0.6	A
1447 5001	56967.37	56 0N	94 31E	129.6	346.5	-1.686	-33.85	-6.5	S0312	.29710	5.5158	0.8	A
9001	58421.97	22 56N	82 16W	78.8	187.0	3.090	-23.10	71.1	S0409	.05410	9.2931	0.4	V

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1447 9002	58424.77	22 50N	82 15W	79.6	186.9	3.090	-22.75	71.2	S0409	.0541U	9.1117	0.4	A
9003	58436.37	21 39N	81 34W	79.0	186.9	3.090	-24.35	71.8	S0409	.0719U	9.1454	0.6	F
9004	58535.97	15 10N	83 46W	84.5	186.6	3.211	-26.60	68.8	S0409	.0541U	8.5674	0.8	A
9005	58600.37	9 57N	84 5W	77.9	186.5	3.439	-1.75	66.5	S0409	.0719U	9.3756	0.4	V
9006	58612.17	9 57N	84 5W	79.0	186.5	3.439	-1.00	66.5	S0409	.0541U	9.1282	0.4	A
1449 5001	6AA11.96	37 27N	122 2W	82.9	188.1	2.733	25.55	68.4	S0312	.0315U	8.7408	0.8	F
5002	6AA14.97	37 27N	122 2W	82.1	188.1	2.511	25.90	68.4	S0312	.0315U	8.9540	0.8	V
5003	6AA17.97	37 27N	122 2W	83.4	188.1	2.511	26.25	68.4	S0312	.0315U	8.6984	0.8	A
9001	6AA11.96	37 26N	122 2W	83.0	188.1	2.733	25.55	68.4	S0409	.0541U	8.7418	0.6	F
9002	6AA17.97	37 26N	122 2W	83.3	188.1	2.511	26.25	68.4	S0409	.0541U	8.6994	0.6	A
1452 9001	84321.96	66 23N	179 6W	84.8	196.0	1.113	-26.25	44.6	S0409	.0541U	8.6169	0.6	V
9002	84326.36	66 17N	179 3W	84.4	195.8	1.113	-24.50	44.7	S0409	.0541U	8.5757	0.6	A
9003	84336.76	65 59N	179 17W	81.7	195.4	1.332	-20.30	45.4	S0409	.0541U	8.8726	0.8	A
1453 9001	3515.15	47 7N	152 14E	83.8	189.5	2.170	27.65	61.7	S0409	.0541U	8.7454	0.4	V
9002	3518.15	47 0N	152 16E	85.1	189.4	2.170	28.00	61.7	S0409	.0409U	8.5097	0.4	A
9003	3530.35	46 15N	150 35E	74.1	189.3	2.385	-14.70	61.8	S0409	.0541U	9.9033	0.4	V
9004	3533.15	46 14N	150 34E	74.8	189.2	2.385	-14.35	61.8	S0409	.0541U	9.7054	0.4	A
1454 5001	A864.95	44 50N	129 36E	89.6	189.0	2.170	33.60	63.7	S0312	.0226U	8.2119	1.2	V
9001	A784.95	50 11N	129 27E	76.5	190.0	2.170	-19.95	58.7	S0409	.0719U	9.5817	0.6	V
9002	A787.75	50 11N	129 27E	77.2	190.0	2.170	-19.60	58.7	S0409	.0719U	9.4085	0.6	A
9003	A857.95	44 52N	129 3E	77.2	189.1	2.511	16.80	65.2	S0409	.0541U	9.4168	0.8	F
9004	A864.15	44 34N	129 35E	89.5	189.0	2.170	33.60	63.7	S0409	.0409U	8.2129	1.0	V
9005	A899.75	43 21N	126 57E	79.8	188.7	2.385	-28.00	64.4	S0409	.0719U	9.1459	0.6	V
9006	A902.55	43 21N	126 57E	80.5	188.6	2.385	-27.65	64.4	S0409	.0541U	9.0292	0.6	A
9007	A919.55	40 47N	126 33E	81.1	188.5	2.385	-28.35	65.4	S0409	.0541U	8.8373	0.6	F
9008	A925.35	40 47N	126 34E	80.5	188.4	2.511	-27.65	65.4	S0409	.0541U	9.0210	0.6	A
9009	A933.35	39 50N	126 18E	81.8	188.4	2.385	-29.05	66.0	S0409	.0541U	8.8231	1.2	F
9010	A936.75	39 50N	126 19E	80.6	188.3	2.385	-28.70	66.0	S0409	.0541U	9.1054	0.6	V
9011	A939.75	39 49N	126 19E	81.0	188.3	2.385	-28.00	66.0	S0409	.0541U	8.9797	0.8	A
9012	A944.55	39 4N	126 3E	83.1	188.3	2.385	-30.80	66.4	S0409	.0541U	8.6746	0.6	F
9013	A947.55	39 4N	126 3E	81.9	188.3	2.385	-30.45	66.4	S0409	.0541U	8.9550	0.6	V
9014	A952.95	38 20N	126 15E	76.9	188.2	2.511	-20.65	67.0	S0409	.0541U	9.4003	2.0	F
9015	A959.35	38 1N	126 18E	74.7	188.2	2.733	-15.40	67.3	S0409	.0719U	9.6407	0.4	F
9016	A961.95	38 2N	126 19E	73.7	188.1	2.733	-15.05	67.3	S0409	.0719U	9.3528	0.4	V
9017	A964.75	38 1N	126 18E	74.6	188.1	2.733	-14.70	67.3	S0409	.0719U	9.7549	0.4	A
9018	A978.15	36 40N	126 11E	73.4	188.0	2.872	-8.40	68.1	S0409	.0719U	9.6703	0.8	F
9019	A983.35	36 40N	126 11E	73.3	188.0	2.872	-7.70	68.2	S0409	.0719U	9.9033	0.6	A
1455 5001	14390.55	29 49N	103 34E	86.3	187.4	2.511	29.75	71.7	S0312	.0315U	8.5087	0.8	V
9001	13925.55	61 30N	112 53E	75.8	193.0	1.687	-8.70	49.2	S0409	.0719U	9.5522	0.8	F
9002	13931.15	61 29N	112 52E	75.7	193.4	1.687	-9.35	49.2	S0409	.0719U	9.5735	0.4	A
9003	14071.55	51 50N	107 44E	78.5	190.4	2.033	-23.80	57.3	S0409	.0719U	9.3343	0.6	V
9004	14074.35	51 50N	107 44E	79.2	190.3	2.033	-23.45	57.3	S0409	.0719U	9.1777	0.6	A
9005	14125.55	47 57N	107 0E	73.3	189.8	2.385	-9.45	60.6	S0409	.0541U	9.8703	0.4	F
9006	14128.15	47 57N	107 1E	72.4	189.8	2.385	-9.10	60.6	S0409	.0541U	10.1342	0.4	V
9007	14135.35	47 24N	107 28E	73.7	189.5	2.511	10.50	61.2	S0409	.0541U	9.9610	0.6	V
9008	14138.15	47 23N	107 28E	74.7	189.5	2.511	10.85	61.2	S0409	.0541U	9.7436	0.6	A
9009	14288.35	36 40N	104 35E	74.5	188.0	2.872	10.85	68.5	S0409	.0719U	9.7549	0.4	F
9010	14290.95	36 44N	104 36E	73.7	186.0	2.872	11.20	68.5	S0409	.0719U	9.9610	0.4	V
9011	14299.55	36 0N	103 58E	72.3	187.9	2.872	-5.60	68.6	S0409	.0719U	10.0270	0.6	F
9012	14304.75	35 0N	103 58E	72.2	187.9	2.872	-4.90	66.6	S0409	.0719U	10.0517	0.6	A
9013	14376.55	30 40N	103 32E	79.7	187.5	2.733	21.70	71.3	S0409	.0541U	9.2024	0.4	V
9014	14379.35	30 49N	103 32E	80.9	187.5	2.733	22.05	71.3	S0409	.0541U	8.9303	0.4	A
9015	14394.75	30 26N	103 27E	01.0	187.4	2.733	22.05	71.4	S0409	.0409U	8.9138	0.8	A
9016	14396.35	29 10N	103 3E	77.8	187.4	3.090	16.10	71.6	S0409	.0541U	9.3426	0.4	F
9017	14412.15	28 10N	102 2E	74.9	187.3	3.090	-16.45	71.1	S0409	.0719U	9.6559	0.8	F
9018	14417.35	28 17N	102 2E	74.7	187.3	3.090	-15.40	71.1	S0409	.0719U	9.7219	1.0	A
9019	14446.95	25 2N	102 24E	78.4	187.1	2.872	19.60	72.1	S0409	.0541U	9.3591	0.4	V
9020	14448.75	25 2N	102 23E	79.8	187.1	2.872	20.30	72.2	S0409	.0541U	9.0622	0.4	A
9021	14455.15	25 24N	102 14E	76.8	187.1	3.090	15.75	72.1	S0409	.0541U	9.5405	0.6	V
9022	14458.15	25 23N	102 14E	78.0	187.1	2.872	16.45	72.1	S0409	.0541U	9.2604	0.4	A
9023	14463.75	24 59N	102 28E	85.3	187.1	2.733	27.30	72.4	S0409	.0541U	8.4320	1.2	A
1456 5001	19321.14	56 50N	89 5E	85.2	191.5	2.033	25.60	54.6	S0312	.0315U	8.5335	0.8	F
5002	19327.54	56 21N	89 8E	87.3	191.6	1.810	30.45	54.8	S0412	.0315U	8.3851	0.4	V
5003	19330.74	56 21N	89 10E	89.0	191.6	1.810	31.15	54.9	S0312	.0315U	8.1542	0.4	A
9001	19348.35	53 50N	86 40E	76.5	190.9	2.033	-16.10	55.6	S0409	.0719U	9.4498	1.0	F
9002	19353.74	53 50N	86 39E	76.3	190.9	2.033	-15.75	55.6	S0409	.0719U	9.5240	1.0	A
9003	19597.34	36 40N	82 53E	81.4	188.0	2.733	24.85	68.7	S0409	.0541U	8.9385	0.6	F
9004	19600.34	36 40N	82 53E	80.9	188.0	2.511	25.55	68.7	S0409	.0541U	9.0869	0.6	V
9005	19877.74	17 29N	78 35E	80.3	186.7	3.211	14.70	70.7	S0409	.0541U	9.0457	0.8	F
9006	19883.54	17 29N	78 35E	80.7	186.7	3.090	15.40	70.7	S0409	.0541U	8.9385	0.8	A
9007	19945.74	12 50N	77 39E	79.2	186.6	3.211	10.50	68.5	S0409	.0541U	9.2436	0.8	V
9008	19949.54	13 0N	77 39E	80.3	186.6	3.211	10.85	68.5	S0409	.0541U	8.9715	0.6	A

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1456 9009	19986.14	10 6N	76 18E	85.5	186.5	3.211	-24.85	66.1	S0409	.05410	8.4190	0.4	F
9010	19989.14	10 6N	76 19E	84.3	186.5	3.439	-24.50	66.1	S0409	.05410	8.6664	0.6	V
9011	20007.14	8 34N	76 53E	82.3	186.5	3.439	9.80	65.9	S0409	.05410	8.7983	0.4	F
9012	20010.14	8 34N	76 52E	81.5	186.5	3.211	10.15	65.9	S0409	.05410	8.9663	0.6	V
9013	20013.14	8 33N	76 53E	82.8	186.5	3.211	10.85	65.9	S0409	.05410	8.6911	0.6	A
1457 9001	24613.94	57 11N	65 31E	79.3	191.8	1.687	-22.75	52.8	S0409	.07190	9.2354	0.6	V
9002	24616.94	57 11N	65 31E	79.9	191.8	1.687	-22.40	52.8	S0409	.07190	9.0787	0.6	A
9003	24634.94	55 33N	65 17E	75.9	191.4	2.033	-12.95	54.3	S0409	.07190	9.5157	0.4	F
9004	24637.14	55 34N	65 17E	75.0	191.3	2.033	-12.95	54.3	S0409	.07190	9.7714	0.4	V
9005	24639.94	55 34N	65 17E	75.7	191.3	2.033	-12.60	54.3	S0409	.07190	9.5817	0.4	A
9006	24688.54	51 01N	64 14E	73.9	190.4	2.170	-3.85	57.5	S0409	.07190	9.7979	0.8	F
9007	24693.74	51 01N	64 14E	73.8	190.3	2.170	-3.15	57.5	S0409	.07190	9.8291	1.0	A
9008	24771.94	46 1N	63 19E	82.7	189.3	2.365	24.85	62.4	S0409	.05410	8.7901	0.4	F
9009	24775.94	45 57N	63 21E	83.2	189.2	2.170	26.95	62.5	S0409	.05410	8.8313	0.8	V
9010	24779.14	45 56N	63 22E	84.7	189.2	2.170	27.65	62.6	S0409	.05410	8.5427	0.6	A
9011	24780.34	45 51N	63 20E	84.7	189.2	2.170	27.65	62.6	S0409	.05410	8.5427	0.4	A
9012	24899.94	37 40N	60 29E	74.0	188.1	2.733	9.80	64.0	S0409	.07190	9.9115	0.4	V
9013	24904.14	37 24N	60 36E	76.8	188.1	2.733	15.05	63.1	S0409	.05410	9.4168	0.8	A
9014	25143.94	20 50N	56 32E	76.0	186.9	3.211	-8.40	71.2	S0409	.05410	9.5240	0.8	A
1458 5001	29628.34	76 15N	62 42E	80.4	208.3	0.776	-1.05	35.0	S0312	.04150	8.9787	1.0	F
5002	29634.14	76 15N	62 40E	80.3	207.5	0.776	-1.05	35.0	S0312	.05330	9.0199	0.6	A
5003	29677.14	73 20N	54 52E	89.1	202.9	0.629	-28.00	37.9	S0312	.04150	8.6882	1.0	F
5004	29680.34	73 20N	54 51E	88.0	202.5	0.629	-28.00	37.9	S0312	.04150	8.3026	1.0	V
5005	29915.94	57 01N	42 39E	94.6	192.0	1.113	-38.50	52.3	S0312	.03150	7.6016	0.6	F
5006	29919.34	57 01N	42 38E	93.6	191.9	1.332	-38.85	52.3	S0312	.03150	7.8162	0.6	V
5007	30050.14	48 20N	40 12E	79.9	189.7	2.033	-25.20	60.1	S0312	.03150	9.0394	0.8	F
5008	30055.74	48 20N	40 12E	79.4	189.6	2.170	-24.50	60.1	S0312	.03150	9.1510	1.0	A
5009	30124.94	43 14N	40 17E	80.4	188.8	2.511	23.10	64.5	S0312	.04150	9.1436	0.6	V
5010	30127.94	43 14N	40 17E	81.5	188.8	2.511	23.45	64.5	S0312	.04150	8.8962	0.6	A
9001	29629.34	76 14N	62 41E	80.4	208.3	0.776	-1.05	35.0	S0409	.09670	8.9797	1.0	F
9002	29634.14	76 14N	62 40E	80.2	207.5	0.776	-1.05	35.0	S0409	.09670	9.0210	1.0	A
9003	29711.94	70 50N	53 50E	78.7	200.1	1.113	-5.25	40.3	S0409	.07190	9.1594	1.0	F
9004	29717.74	70 50N	53 49E	78.5	199.7	1.113	-4.90	40.3	S0409	.07190	9.2189	0.6	A
9005	29926.54	56 40N	43 31E	77.1	191.0	1.810	-16.10	53.3	S0409	.07190	9.3675	0.8	F
9006	29932.34	56 16N	43 55E	74.6	191.0	2.033	-1.75	53.8	S0409	.07190	9.6972	0.8	F
9007	29937.54	56 17N	43 54E	74.5	191.0	2.033	-1.40	53.8	S0409	.07190	9.7584	1.0	A
9008	29944.14	56 26N	43 50E	75.1	191.4	2.170	5.25	54.5	S0409	.07190	9.6477	0.6	F
9009	29946.94	56 26N	43 50E	74.2	191.3	2.170	5.60	54.5	S0409	.07190	9.8786	0.4	V
9010	29951.94	54 57N	43 21E	74.3	191.2	2.170	-2.10	54.9	S0409	.07190	9.7304	2.0	F
9011	29957.34	54 56N	43 21E	74.2	191.1	2.170	-1.40	54.9	S0409	.07190	9.7714	2.0	A
9012	29991.94	52 30N	41 29E	80.1	190.5	1.810	-25.90	56.7	S0409	.07190	9.1564	0.6	V
9013	29994.74	52 31N	41 29E	80.9	190.5	2.033	-25.90	56.7	S0409	.07190	9.0797	0.8	A
9014	30004.54	51 22N	41 56E	73.8	190.3	2.170	-3.85	57.9	S0409	.07190	9.8043	0.4	F
9015	30007.14	51 20N	41 57E	72.3	190.3	2.170	-3.50	57.9	S0409	.07190	9.8456	0.4	V
9016	30009.74	51 20N	41 56E	73.6	190.2	2.385	-3.50	57.9	S0409	.07190	9.8456	0.6	A
9017	30045.14	47 19N	39 39E	84.3	189.3	1.810	-31.15	60.8	S0409	.05410	8.5345	1.0	F
9018	30071.14	47 19N	39 39E	83.7	189.4	2.033	-30.80	60.8	S0409	.05410	8.6746	1.0	A
9019	30044.54	45 50N	40 7E	73.4	189.3	2.511	-6.65	62.1	S0409	.07190	9.8558	1.0	F
9020	30049.94	45 54N	40 7E	73.3	189.2	2.511	-5.95	62.1	S0409	.07190	9.8951	0.8	A
9021	30101.74	44 42N	40 3E	73.4	189.1	2.511	2.45	63.1	S0409	.07190	9.8786	0.8	F
9022	30105.54	44 27N	39 55E	73.1	189.0	2.511	0.35	63.3	S0409	.07190	9.9115	0.6	F
9023	30108.34	44 27N	39 55E	72.2	189.0	2.511	0.70	63.3	S0409	.07190	10.1580	0.6	V
9024	30119.14	43 29N	39 57E	75.2	188.9	2.733	10.50	64.1	S0409	.04090	9.6477	1.0	F
9025	30124.94	43 16N	40 17E	80.3	188.8	2.511	23.10	64.5	S0409	.07190	9.1447	0.6	V
9026	30127.94	43 16N	40 17E	81.5	188.8	2.511	23.45	64.5	S0409	.07190	8.8973	0.6	A
9027	30296.54	36 12N	37 7E	79.5	188.0	2.511	-24.50	68.1	S0409	.05410	9.1777	0.4	F
9028	30243.34	36 2N	37 3E	75.6	187.8	2.733	-17.85	68.8	S0409	.07190	9.5570	0.6	F
9029	30246.14	35 2N	37 3E	74.6	187.8	2.733	-17.50	68.8	S0409	.07190	9.8208	0.4	V
9030	30253.54	34 31N	36 55E	74.7	187.4	2.733	-18.20	69.0	S0409	.04090	9.6126	1.0	V
9031	30257.74	34 3N	36 44E	76.8	187.8	2.733	-21.70	69.2	S0409	.05410	9.4003	0.4	F
9032	30260.34	34 4N	36 44E	75.8	187.7	2.733	-21.35	69.2	S0409	.07190	9.6724	0.6	V
9033	30266.34	33 29N	36 20E	82.6	187.7	2.511	-30.10	69.2	S0409	.05410	8.7241	0.4	F
9034	30269.34	33 28N	36 20E	81.6	187.7	2.511	-30.10	69.2	S0409	.05410	8.9715	0.4	V
9035	30271.14	33 21N	36 18E	81.3	187.7	2.511	-30.10	69.3	S0409	.05410	8.9362	0.6	V
9036	30274.14	33 21N	36 18E	82.1	187.7	2.733	-30.10	69.3	S0409	.05410	8.8478	0.6	A
9037	30277.94	33 20N	36 15E	80.4	187.6	2.511	-28.35	69.5	S0409	.05410	9.0932	0.6	V
9038	30280.94	33 20N	36 15E	81.2	187.6	2.733	-28.35	69.5	S0409	.05410	8.9468	0.6	A
9039	30288.74	31 52N	36 48E	73.3	187.6	3.090	-1.40	70.4	S0409	.04090	9.8362	1.0	F
9040	30294.14	31 52N	36 47E	73.3	187.5	3.090	-0.70	70.4	S0409	.04090	9.8786	0.8	A
9041	30562.74	13 15N	32 44E	80.6	186.6	3.211	-19.45	66.0	S0409	.04090	9.0622	1.0	V
9042	30685.74	4 54N	31 37E	81.9	186.4	3.574	-5.60	63.1	S0409	.04090	8.7901	1.0	A
9043	30699.74	3 50N	31 39E	82.7	186.4	3.439	3.15	62.5	S0409	.05410	8.6911	1.0	A
9044	31051.74	20 27S	27 49E	104.2	186.3	2.872	16.80	41.9	S0409	.05410	7.0007	0.8	V
1459 5001	34856.34	80 36N	58 0E	83.0	224.7	0.629	7.00	30.0	S0312	.05390	8.6901	0.6	F
5002	34859.34	80 36N	58 0E	82.0	223.8	0.417	7.35	30.0	S0312	.05390	8.9045	0.6	V
5003	35544.94	35 56N	14 46E	81.8	187.9	2.733	-20.65	68.1	S0312	.04150	8.8962	1.0	A
9001	34859.14	80 36N	58 2E	82.0	223.9	0.417	7.35	30.0	S0409	.09670	8.9055	0.6	V
9002	34862.14	80 36N	58 2E	82.9	223.0	0.417	7.35	30.0	S0409	.09670	9.7159	0.6	A
9003	35040.94	69 39N	31 58E	82.2	198.8	1.332	18.90	41.6	S0409	.07190	8.9055	0.4	V
9004	35043.94	69 39N	31 59E	83.3	198.6	1.113	19.60	41.6	S0409	.07190	9.6829	0.4	A

Handle via
BYEMAN Channels
BYE-8915/84

Approved for Release: 2021/01/22 C05132886

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4354 COMMAND INFORMATION

REV	FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1459	9005	35193.34	59 21N	24 14E	81.5	192.7	2.033	20.30	51.2	S0409	.07190	8.8973	0.6	F
	9006	35196.34	59 20N	24 14E	80.5	192.7	1.810	20.65	51.2	S0409	.07190	9.1117	0.6	V
	9007	35199.14	59 21N	24 14E	81.6	192.8	1.810	21.00	51.2	S0409	.07190	8.8726	1.6	A
	9008	35224.74	57 19N	22 37E	75.7	192.0	2.033	7.05	52.9	S0409	.07190	9.5735	0.6	F
	9009	35227.54	57 18N	22 37E	74.8	191.9	2.033	7.35	52.9	S0409	.07190	9.7961	0.6	V
	9010	35240.94	56 26N	21 53E	73.6	191.6	2.033	-0.70	53.6	S0409	.07190	9.9610	0.6	V
	9011	35243.74	56 25N	21 53E	74.4	191.5	2.034	-0.35	53.6	S0409	.07190	9.7384	0.4	A
	9012	35249.14	56 0N	22 15E	77.0	191.5	2.033	12.95	54.1	S0409	.07190	9.4003	0.4	A
	9013	35256.54	55 21N	21 36E	73.8	191.3	2.033	3.50	54.6	S0409	.07190	9.9280	0.6	V
	9014	35259.34	55 21N	21 36E	74.7	191.3	2.033	3.85	54.6	S0409	.07190	9.6972	0.4	A
	9015	35267.34	54 49N	20 26E	77.0	191.1	2.033	-19.60	54.9	S0409	.07190	9.5240	0.6	V
	9016	35270.14	54 49N	20 27E	77.7	191.1	2.033	-19.25	54.9	S0409	.07190	9.3426	0.6	A
	9017	35299.34	52 22N	21 11E	80.8	190.5	2.033	23.10	57.3	S0409	.07190	9.0705	0.4	V
	9018	35302.34	52 21N	21 11E	82.0	190.5	2.034	23.45	57.3	S0409	.07190	8.8231	0.4	A
	9019	35346.54	49 0N	18 55E	73.7	189.3	2.385	-8.40	59.7	S0409	.07190	9.3208	0.6	F
	9020	35351.74	49 0N	18 55E	73.5	189.3	2.385	-7.70	59.7	S0409	.07190	9.8703	0.6	A
	9021	35357.34	48 49N	19 9E	73.6	189.7	2.385	3.50	60.1	S0409	.07190	9.8456	1.0	A
	9022	35364.74	47 49N	18 43E	73.3	189.6	2.385	-2.10	60.7	S0409	.07190	9.8786	0.4	F
	9023	35370.54	47 23N	18 59E	75.3	189.5	2.511	10.50	61.2	S0409	.07190	9.6394	0.8	F
	9024	35375.94	47 23N	18 59E	75.4	189.5	2.385	11.20	61.2	S0409	.07190	9.6064	0.6	A
	9025	35381.74	46 58N	18 52E	76.5	189.4	2.511	14.00	61.8	S0409	.07190	9.4992	0.6	F
	9026	35384.54	46 58N	18 52E	75.7	189.3	2.511	14.35	61.9	S0409	.07190	9.6972	0.6	V
	9027	35393.14	46 4N	18 7E	72.3	189.2	2.511	-3.85	62.0	S0409	.07190	10.1424	0.4	V
	902A	35395.74	46 4N	18 7E	73.1	189.2	2.511	-3.50	62.0	S0409	.07190	9.9194	0.4	A
	9029	35414.34	44 50N	18 44E	84.4	189.0	2.170	28.70	63.6	S0409	.05410	8.6994	1.0	V
	9030	35421.34	43 51N	18 20E	80.7	188.9	2.385	22.75	64.0	S0409	.04090	9.0045	0.8	F
	9031	35424.14	43 51N	18 20E	79.9	188.9	2.385	23.10	64.0	S0409	.04090	9.1777	0.6	V
	9032	35429.74	43 19N	17 53E	76.9	188.9	2.511	12.95	64.3	S0409	.04090	9.5735	1.0	F
	9033	35435.34	43 18N	17 51E	76.1	188.8	2.511	13.65	64.3	S0409	.04090	9.5157	0.8	A
	9034	35586.14	32 40N	14 20E	77.2	187.5	2.733	-20.65	69.7	S0409	.07190	9.3508	1.0	F
	9035	35674.54	26 54N	13 10E	76.7	187.2	3.090	-17.85	71.3	S0409	.04090	9.4250	0.4	F
	9036	35679.94	26 54N	13 10E	76.4	187.2	3.090	-16.80	71.3	S0409	.04090	9.4992	0.4	A
	9037	35835.94	15 46N	11 33E	77.4	186.7	3.439	0.35	69.7	S0409	.05410	9.3261	1.0	A
	9038	36083.34	1 55S	9 17E	98.4	186.4	2.733	27.65	58.7	S0409	.05410	7.3883	1.0	V
	9039	36092.14	1 54S	9 20E	104.1	186.4	2.385	31.50	58.5	S0409	.05410	6.8523	1.0	A
1460	5001	40645.93	49 42N	1 52W	61.3	189.9	2.170	24.15	59.5	S0312	.03150	7.0364	0.6	V
	5002	40648.73	49 40N	1 52W	62.5	189.9	2.170	24.50	59.5	S0312	.03150	8.7973	0.4	A
	9001	40663.73	48 49N	3 31W	75.0	189.7	2.385	-14.70	54.8	S0409	.07190	9.6724	0.6	A
	9002	40996.93	25 50N	9 33W	86.9	187.1	2.872	-33.95	70.9	S0409	.03690	8.3366	1.0	A
1461	5001	46862.73	12 57S	38 31W	102.7	186.6	3.439	-26.70	48.0	S0312	.04150	6.9669	0.6	F
	5002	46866.53	12 57S	38 30W	100.9	186.6	3.439	-27.65	48.0	S0312	.04150	7.1895	0.4	V
	9001	46866.33	12 57S	38 30W	100.9	186.6	3.434	-27.65	48.0	S0409	.05410	7.1904	1.2	V
	9002	46870.73	12 56S	38 31W	102.1	186.6	3.439	-27.30	48.0	S0409	.05410	7.0357	0.6	A
1462	5001	52403.13	28 40S	63 27W	108.1	187.3	3.211	-19.25	33.8	S0312	.03150	6.6536	0.6	V
	9001	52027.93	3 6S	58 28W	87.1	186.4	3.574	-15.75	56.7	S0409	.05410	7.3443	0.6	V
	9002	52245.33	17 47S	60 44W	96.4	186.7	3.439	-2.10	44.1	S0409	.05410	7.3883	1.2	A
	9003	52277.73	19 50S	62 5W	111.4	186.8	3.439	+31.50	41.8	S0409	.05410	6.4152	1.0	A
	9004	52300.33	21 40S	61 40W	98.5	186.9	3.211	-8.41	40.4	S0409	.07190	7.3305	1.0	V
	9005	52315.13	22 40S	61 57W	100.8	187.0	3.211	-10.15	39.2	S0409	.07190	7.0749	1.0	F
	9006	52321.53	23 9S	62 17W	103.3	187.0	3.439	-19.25	39.0	S0409	.07190	6.9842	1.0	V
	9007	52327.73	23 12S	62 54W	114.0	187.0	3.439	-34.30	38.6	S0409	.04090	6.0524	0.6	A
	9008	52337.33	24 3S	62 14W	101.9	187.0	3.211	-9.45	37.9	S0409	.07190	7.0007	1.4	F
	9009	52348.53	24 8S	61 27W	104.5	187.1	2.733	16.80	38.0	S0409	.05410	6.5224	0.6	A
	9010	52359.93	25 43S	62 48W	105.4	187.1	3.211	-18.90	36.6	S0409	.07190	6.8358	0.8	V
	9011	52367.93	26 34S	62 50W	105.1	187.2	3.211	-14.70	35.9	S0409	.07190	6.7698	1.2	F
	9012	52373.13	26 39S	63 10W	109.8	187.2	3.211	-23.10	35.7	S0409	.05410	6.6214	1.0	V
	9013	52376.13	26 39S	63 13W	109.2	187.2	3.211	-23.45	35.5	S0409	.05410	6.5884	1.0	V
	9014	52381.73	27 15S	62 57W	104.4	187.2	3.211	-13.65	34.3	S0409	.07190	6.8935	0.8	V
	9015	52388.13	27 21S	63 25W	112.5	187.2	3.439	-25.20	35.0	S0409	.05410	6.3328	0.8	A
	9016	52397.93	28 4S	63 11W	107.2	187.3	3.211	-15.05	34.5	S0409	.05410	6.6296	1.2	A
	9017	52406.33	28 46S	63 25W	108.7	187.3	3.211	-17.15	33.8	S0409	.05410	6.5307	1.0	A
	9018	52439.73	31 24S	64 15W	114.8	187.5	3.090	-24.15	31.2	S0409	.05410	6.1944	0.8	F
	9019	52443.93	31 24S	64 15W	113.5	187.5	3.090	-23.80	31.2	S0409	.05410	6.3328	0.6	V
	9020	52451.53	32 12S	64 26W	116.5	187.6	3.090	-26.15	30.4	S0409	.05410	6.1431	0.6	F
	9021	52455.73	32 12S	64 26W	114.2	187.6	3.090	-23.80	30.5	S0409	.05410	6.2998	0.6	V
	9022	52463.53	33 0S	64 15W	110.8	187.6	3.090	-15.05	29.8	S0409	.05410	6.4970	1.0	F
	9023	52467.53	33 0S	64 15W	109.5	187.7	3.090	-14.35	29.8	S0409	.05410	6.5637	1.0	V
	9024	52487.53	34 46S	63 46W	112.0	187.8	2.733	8.05	28.5	S0409	.07190	6.3575	0.4	F
	9025	52488.93	34 52S	63 47W	112.1	187.8	2.733	8.05	28.5	S0409	.07190	6.3493	1.8	F
	9026	52493.93	34 55S	63 53W	110.5	187.8	2.733	6.30	28.4	S0409	.07190	6.4895	1.0	V
	9027	52499.53	34 59S	64 15W	110.7	187.9	2.872	-2.45	28.2	S0409	.07190	6.3823	1.0	A
	9028	52504.73	35 09S	63 46W	116.2	187.9	2.385	14.00	27.8	S0409	.07190	6.0689	1.2	A
	9029	52518.53	36 11S	65 5W	114.7	188.0	3.090	-16.10	26.8	S0409	.07190	6.1679	0.8	A
	9030	52744.53	51 05S	69 18W	124.3	190.3	2.385	-9.10	12.2	S0409	.09670	5.7308	0.6	V
	9031	52749.13	51 04S	69 18W	126.1	190.4	2.385	-8.75	12.2	S0409	.09670	5.5659	1.0	A
1463	9001	56981.72	20 55N	75 13W	76.3	186.9	3.211	+12.25	71.1	S0409	.05410	9.4663	0.6	F
	9002	56984.52	20 55N	75 13W	75.9	186.9	3.211	-11.90	71.1	S0409	.07190	9.7054	0.4	V

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHILLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1463 9003	56985.52	20 51N	76 14W	75.4	186.9	3.211	-11.90	71.1	S0409	.07190	9.7054	0.4	V
9004	56989.72	20 50N	76 18W	76.9	186.9	3.211	-14.00	71.0	S0409	.05410	9.4168	0.4	A
9005	56994.52	20 14N	75 59W	76.3	186.8	3.211	4.20	71.3	S0409	.05410	9.4663	0.6	A
9006	57020.52	18 10N	76 31W	76.2	186.8	3.439	-3.50	70.5	S0409	.05410	9.4992	0.4	F
9007	57026.12	18 10N	76 27W	76.5	186.7	3.211	0.35	70.6	S0409	.07190	9.4415	0.6	A
9008	57334.52	3 35S	80 24W	86.5	186.4	3.574	-7.70	56.5	S0409	.05410	8.3201	0.6	F
9009	57340.12	3 35S	80 29W	85.8	186.4	3.574	-8.75	56.4	S0409	.05410	8.4850	0.4	V
9010	57344.52	3 39S	80 39W	88.3	186.4	3.574	-14.70	56.3	S0409	.07190	8.1307	0.6	A
9011	57351.12	4 31S	81 12W	96.5	186.4	3.439	-29.05	55.3	S0409	.05410	7.4295	0.6	F
9012	57357.12	4 26S	81 17W	98.8	186.4	3.439	-31.15	55.3	S0409	.05410	7.2976	0.6	A
1464 9001	62230.72	25 10N	97 60W	83.6	187.1	3.090	-29.75	71.0	S0409	.05410	8.6911	1.0	A
9002	62269.32	22 10N	97 51W	74.3	186.9	3.211	-2.80	71.5	S0409	.07190	9.8621	0.6	V
9003	62272.12	22 10N	97 51W	75.2	186.9	3.211	-2.45	71.5	S0409	.07190	9.6229	0.6	A
9004	62312.52	19 4N	98 11W	76.5	186.8	3.211	8.40	71.1	S0409	.05410	9.4910	0.4	F
9005	62317.72	19 05N	98 24W	74.3	186.8	3.211	-1.05	70.8	S0409	.07190	9.8534	0.6	V
9006	62320.52	19 05N	98 27W	75.3	186.8	3.439	-1.05	70.8	S0409	.07190	9.6064	0.6	A
1465 5001	67300.32	40 51N	115 47W	72.1	188.5	2.733	1.40	65.7	S0312	.04150	10.0423	0.6	F
5002	67305.52	40 51N	115 47W	72.3	188.5	2.733	2.10	65.7	S0312	.04150	10.0341	0.6	A
9001	67300.32	40 51N	115 47W	72.2	188.5	2.733	1.40	65.7	S0409	.05410	10.0435	0.6	F
9002	67305.52	40 51N	115 47W	72.2	188.5	2.733	2.10	65.7	S0409	.05410	10.0352	0.6	A
1469 5001	2846.11	9 27S	147 9E	112.1	186.5	2.385	33.60	52.2	S0312	.03150	6.4475	0.6	F
5002	2853.71	9 25S	147 14E	116.3	186.5	2.170	36.05	52.3	S0312	.02260	6.1424	0.6	A
9001	1877.31	57 29N	161 33E	74.7	192.0	2.033	4.90	52.7	S0409	.05410	9.8208	0.6	V
9002	1880.11	57 28N	161 33E	75.5	191.9	2.033	5.25	52.7	S0409	.05410	9.5980	0.6	A
9003	1883.71	57 2N	161 28E	75.2	191.8	2.033	7.70	53.1	S0409	.05410	9.7466	0.4	V
9004	1886.31	57 2N	161 28E	76.1	191.8	2.033	8.05	53.1	S0409	.05410	9.5157	0.4	A
9005	1891.91	56 20N	160 51E	74.9	191.7	2.033	0.00	53.6	S0409	.05410	9.6642	0.8	F
9006	1897.31	56 20N	160 51E	74.8	191.5	2.033	0.70	53.6	S0409	.05410	9.6889	0.8	A
9007	1946.11	52 56N	158 30E	78.6	190.0	1.810	-25.55	56.3	S0409	.07190	9.3178	0.4	V
9008	1948.91	52 56N	158 30E	79.3	190.0	2.033	-25.55	56.3	S0409	.07190	9.1612	0.4	A
1470 5001	7380.30	44 42N	133 29E	85.3	189.0	2.033	-33.95	62.6	S0312	.02260	8.5912	0.6	V
5002	7383.50	44 41N	133 29E	86.0	188.9	2.033	-33.60	62.7	S0312	.02260	8.4675	0.4	A
5003	7397.70	43 7N	133 12E	84.3	188.8	2.033	-32.20	63.7	S0312	.02260	8.5087	0.8	F
5004	7400.70	43 7N	133 12E	83.5	188.8	2.033	-31.85	63.7	S0312	.02260	8.7508	0.8	V
9001	7287.70	50 40N	136 45E	73.7	190.1	2.385	6.95	58.4	S0409	.05410	9.9523	0.4	V
9002	7290.50	50 42N	136 45E	74.6	190.1	2.385	6.30	58.4	S0409	.05410	9.7136	0.4	A
9003	7295.10	50 2N	136 27E	74.2	190.0	2.385	3.50	58.9	S0409	.07190	9.7651	0.4	F
9004	7297.70	50 2N	136 27E	73.3	190.0	2.385	3.85	58.9	S0409	.07190	10.0023	0.6	V
9005	7318.70	48 29N	135 16E	76.0	189.7	2.170	-16.45	59.9	S0409	.05410	9.5075	0.6	F
9006	7321.50	48 29N	135 16E	74.9	189.7	2.170	-16.10	59.9	S0409	.05410	9.7796	0.4	V
9007	7387.70	43 0N	133 12E	84.8	188.8	2.033	-32.20	63.7	S0409	.04090	8.5097	0.8	F
9008	7400.70	43 7N	133 12E	83.5	188.8	2.033	-31.85	63.7	S0409	.05410	8.7314	0.4	V
9009	7406.90	42 41N	133 3E	84.3	188.7	2.170	-32.90	63.9	S0409	.05410	8.6829	0.4	V
9010	7410.10	42 41N	133 3E	85.1	188.7	2.385	-32.90	63.9	S0409	.05410	8.5510	0.8	A
9011	7499.30	36 12N	133 21E	84.8	188.0	2.511	-28.70	68.9	S0409	.05410	8.6582	0.8	V
9012	7504.90	35 52N	133 14E	87.2	187.9	2.733	-29.75	69.3	S0409	.04090	8.3591	1.0	F
9013	7912.70	35 20N	132 54E	80.1	187.9	2.733	-21.00	69.2	S0409	.05410	9.0210	0.8	A
9014	7552.50	32 52N	130 52E	83.4	187.6	2.733	-31.15	69.4	S0409	.05410	8.7076	1.0	A
9015	7561.50	31 50N	130 44E	82.1	187.6	2.733	-29.40	69.8	S0409	.05410	8.7418	0.8	F
9016	7569.10	31 10N	131 5E	74.5	187.5	3.090	-12.95	70.3	S0409	.07190	9.7054	0.6	F
9017	7574.30	31 17N	131 5E	74.3	187.5	3.090	-12.25	70.3	S0409	.07190	9.7549	1.0	A
9018	8057.10	2 3S	125 59E	99.0	186.4	2.511	27.30	58.3	S0409	.05410	7.2151	0.4	A
1471 5001	12999.30	22 52N	108 16E	86.0	187.0	2.872	26.25	72.2	S0312	.03150	8.4675	0.4	F
5002	13167.10	11 08N	104 57E	82.9	186.5	3.211	-23.45	67.1	S0312	.04150	8.8056	1.2	V
9001	12283.10	71 40N	124 54E	82.1	200.9	1.113	16.10	39.5	S0409	.09670	8.9138	0.4	V
9002	12286.10	71 39N	124 55E	83.1	200.7	1.113	14.45	39.5	S0409	.03670	8.6934	0.4	A
9003	12298.10	70 47N	126 59E	78.6	199.8	1.113	5.95	40.4	S0409	.07190	9.3096	0.6	V
9004	12300.90	70 47N	127 0E	79.5	199.8	1.113	6.30	40.4	S0409	.07190	9.1034	0.6	A
9005	12581.50	51 0N	115 11E	77.4	190.2	2.170	17.50	58.2	S0409	.07190	9.4310	0.4	V
9006	12584.30	51 0N	115 11E	78.4	190.2	2.170	17.85	58.2	S0409	.07190	9.2354	0.4	A
9007	12739.70	40 46N	112 0E	77.2	188.5	2.733	17.15	66.0	S0409	.07190	9.4168	0.8	F
9008	12745.30	40 46N	112 1E	77.7	188.5	2.511	18.55	66.0	S0409	.07190	9.3096	0.8	A
9009	12760.70	39 24N	111 11E	72.7	188.3	2.872	0.70	66.6	S0409	.07190	9.9693	0.4	F
9010	12763.30	39 24N	111 11E	71.9	188.3	2.872	1.05	66.6	S0409	.07190	10.2084	0.4	V
9011	12770.70	39 46N	111 46E	81.5	188.2	2.511	25.90	67.4	S0409	.05410	9.0127	0.6	V
9012	12773.70	39 46N	111 46E	82.7	188.2	2.511	26.25	67.4	S0409	.05410	8.7489	0.6	A
9013	12839.70	34 14N	109 7E	80.6	187.8	2.511	28.70	68.8	S0409	.05410	9.0787	0.4	V
9014	12842.50	34 15N	109 7E	81.4	187.7	2.733	28.70	68.8	S0409	.05410	8.9303	0.6	A
9015	12931.90	27 50N	109 18E	86.4	187.3	2.511	28.35	72.1	S0409	.04090	8.3551	1.0	A
9016	12942.70	27 2N	108 33E	73.8	187.2	3.090	6.65	71.7	S0409	.07190	9.9280	0.4	V
9017	12952.70	26 14N	107 36E	79.9	187.2	2.872	-25.20	71.1	S0409	.05410	9.0292	0.6	F
9018	12958.50	26 14N	107 36E	79.6	187.1	3.090	-24.85	71.1	S0409	.05410	9.1199	0.6	A
9019	12963.30	25 56N	107 39E	77.0	187.1	3.090	-20.30	71.2	S0409	.05410	9.4250	0.4	A
9020	12984.10	23 58N	108 6E	77.3	187.0	3.211	11.90	72.0	S0409	.05410	9.3920	0.6	F

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REV	FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1471	9021	12993.70	23 44N	108 12E	80.9	187.0	2.872	19.25	72.1	S0409	.05410	8.9355	0.4	A
	9022	13002.50	22 59N	108 11E	85.0	187.0	2.872	24.86	72.2	S0409	.04090	8.5674	0.8	F
	9023	13005.50	22 56N	108 11E	84.3	187.0	2.872	25.20	72.2	S0409	.04090	8.6994	1.0	V
	9024	13008.70	22 56N	108 11E	85.6	186.9	2.872	25.55	72.2	S0409	.04090	8.4190	0.8	A
	9025	13017.50	21 56N	107 23E	74.1	186.9	3.211	0.00	71.5	S0409	.07190	9.8368	0.4	V
	9026	13022.50	21 21N	107 21E	75.7	186.9	3.211	2.45	71.5	S0409	.07190	9.5735	0.6	F
	9027	13028.10	20 53N	107 9E	76.4	186.9	3.439	-3.50	71.3	S0409	.07190	9.5982	1.0	F
	9028	13033.70	20 26N	107 9E	75.5	186.9	3.211	-2.10	71.3	S0409	.07190	9.5735	0.8	A
	9029	13106.50	15 44N	106 25E	77.4	186.7	3.211	7.35	69.8	S0409	.05410	9.4498	0.6	V
	9030	13109.30	15 44N	106 25E	78.5	186.7	3.211	7.70	69.8	S0409	.05410	9.1859	0.6	A
	9031	13157.90	12 2N	105 28E	78.4	186.5	3.439	-5.60	67.7	S0409	.05410	9.2189	0.6	F
	9032	13167.30	11 57N	104 56E	82.9	186.5	3.211	-23.45	67.1	S0409	.05410	8.8066	1.4	V
	9033	13170.90	11 56N	104 56E	83.6	186.5	3.439	-23.10	67.1	S0409	.05410	8.6582	0.8	A
	9034	13176.90	10 44N	105 7E	79.5	186.5	3.439	-10.85	66.9	S0409	.05410	9.0787	0.6	F
	9035	13187.30	10 0N	105 43E	84.9	186.5	3.090	19.25	67.1	S0409	.04090	8.6087	1.0	V
	9036	13196.70	9 46N	104 56E	80.2	186.5	3.574	-11.20	66.3	S0409	.05410	9.0127	0.6	A
1472	5001	18025.30	43 57N	89 9E	79.4	188.7	2.385	-25.20	56.9	S0312	.03150	9.1601	0.6	A
	9001	17712.50	63 40N	97 33E	79.2	194.7	1.332	-16.10	46.8	S0409	.07190	9.1117	0.6	F
	9002	17718.30	63 40N	97 34E	78.7	194.5	1.475	-15.40	46.8	S0409	.07190	9.2024	0.6	A
	9003	17804.90	57 53N	93 7E	96.4	192.0	1.332	-40.60	51.8	S0409	.04090	7.5944	0.8	V
	9004	17808.30	57 54N	93 8E	96.9	192.0	1.332	-40.25	51.8	S0409	.04090	7.4955	0.8	A
	9005	17934.70	56 3N	94 31E	76.1	191.6	2.033	3.15	53.8	S0409	.07190	9.6394	1.0	F
	9006	18039.50	41 54N	88 44E	80.6	188.6	2.170	-28.00	64.8	S0409	.05410	8.9385	0.8	F
	9007	18045.30	41 54N	88 44E	80.1	188.5	2.385	-27.65	64.8	S0409	.05410	9.0705	0.8	A
	9008	18051.50	40 43N	89 3E	73.6	188.5	2.733	-11.20	65.6	S0409	.05410	9.8456	0.6	F
	9009	18056.70	40 43N	89 4E	73.2	188.4	2.733	-10.15	65.6	S0409	.05410	9.9115	0.6	A
	9010	18340.70	20 56N	85 11E	75.3	186.9	3.211	4.20	71.4	S0409	.07190	9.7401	0.6	V
	9011	18343.50	20 56N	85 11E	76.3	186.9	3.211	4.55	71.4	S0409	.05410	9.8745	0.6	A
1473	5001	23045.10	61 40N	73 31E	82.7	193.3	1.475	-24.85	49.0	S0312	.04150	8.7508	1.2	A
	5002	23286.90	45 47N	67 56E	79.2	189.2	2.170	-24.50	61.9	S0312	.03150	9.1189	0.6	F
	5003	23292.50	45 47N	67 56E	78.9	189.2	2.385	-24.15	61.9	S0312	.03150	9.2260	1.0	A
	5004	23375.69	39 50N	66 16E	78.7	188.3	2.385	-25.90	65.9	S0312	.03150	9.3650	0.6	V
	5005	23378.70	39 50N	66 15E	79.4	188.3	2.385	-25.55	65.9	S0312	.03150	9.1683	0.4	A
	9001	22936.30	60 40N	81 29E	80.4	193.5	1.332	11.90	41.8	S0409	.07190	8.9962	0.8	F
	9002	22942.10	60 40N	81 29E	80.3	193.2	1.332	12.25	41.8	S0409	.07190	9.0127	0.6	A
	9003	23059.50	61 47N	73 22E	84.8	193.4	1.332	-27.65	49.0	S0409	.05410	8.5015	0.6	F
	9004	23154.70	55 0N	72 40E	81.7	191.2	2.033	-22.05	54.9	S0409	.05410	8.8561	0.6	A
	9005	23329.70	42 49N	67 27E	74.2	188.3	2.511	-11.90	64.2	S0409	.05410	9.7466	1.0	F
	9006	23335.09	42 46N	67 26E	74.0	188.7	2.733	-11.55	64.2	S0409	.05410	9.8126	1.0	A
	9007	23390.69	38 54N	65 56E	80.3	188.2	2.385	-28.35	66.4	S0409	.05410	9.1282	0.6	V
	9008	23394.70	38 54N	65 56E	81.0	188.2	2.385	-28.00	66.4	S0409	.05410	8.9715	0.6	A
1474	5001	28320.69	64 14N	55 17E	80.1	195.0	1.687	15.40	46.6	S0312	.04150	9.0447	0.8	F
	5002	28326.49	64 11N	54 17E	80.3	194.8	1.475	16.10	46.6	S0312	.04150	9.0199	0.8	A
	5003	28432.49	56 52N	48 57E	88.3	191.0	1.332	-33.25	52.8	S0312	.03150	8.1707	1.2	F
	5004	28436.69	56 49N	48 57E	86.8	191.7	1.332	-32.90	52.8	S0312	.03150	8.4345	1.2	V
	5005	28449.49	56 47N	48 56E	87.5	191.6	1.687	-32.90	52.8	S0312	.03150	8.3109	0.6	A
	5006	28531.89	50 6N	46 54E	81.4	190.0	2.033	-26.95	58.5	S0312	.03150	8.8550	1.0	F
	5007	28537.49	50 3N	46 54E	80.9	189.9	2.033	-26.25	58.5	S0312	.03150	9.0787	0.8	A
	5008	28697.49	34 56N	45 38E	87.7	188.2	2.385	31.15	67.3	S0312	.03150	8.2449	0.8	A
	5009	28784.29	32 47N	44 4E	87.2	187.6	2.385	30.80	70.6	S0312	.03150	8.4098	1.0	V
	9001	28320.69	64 14N	55 17E	80.2	195.0	1.687	15.40	46.6	S0409	.07190	9.0457	0.8	F
	9002	28326.29	64 12N	55 17E	80.2	194.8	1.475	16.10	46.6	S0409	.07190	9.0210	1.0	A
	9003	28336.89	63 56N	53 44E	76.4	194.4	1.475	-5.60	47.0	S0409	.07190	9.4328	1.4	A
	9004	28406.49	58 40N	49 38E	89.9	192.4	1.332	-34.30	51.2	S0409	.05410	8.0262	0.6	F
	9005	28409.69	58 40N	49 38E	88.7	192.3	1.332	-34.30	51.2	S0409	.07190	8.2541	0.6	V
	9006	28449.69	55 55N	49 8E	78.6	191.4	1.810	-22.05	53.8	S0409	.07190	9.3096	0.6	V
	9007	28452.69	55 52N	49 8E	79.3	191.4	1.810	-21.70	53.8	S0409	.07190	9.1447	0.6	A
	9008	28469.29	54 42N	48 22E	81.4	191.1	1.687	-22.25	55.0	S0409	.07190	8.8231	0.6	F
	9009	28475.09	54 42N	48 22E	81.3	190.9	1.810	-25.90	55.0	S0409	.07190	8.9220	0.6	A
	9010	28501.89	52 7N	47 59E	76.4	190.5	2.033	-16.45	57.0	S0409	.07190	9.4498	0.6	F
	9011	28504.69	52 7N	47 58E	75.5	190.4	2.033	-16.45	57.0	S0409	.07190	9.7054	0.6	V
	9012	28531.89	50 6N	46 54E	81.5	190.0	2.033	-26.95	58.5	S0409	.07190	8.8561	1.0	F
	9013	28537.69	50 3N	46 54E	80.9	189.9	2.033	-26.25	58.5	S0409	.07190	8.9797	1.0	A
	9014	28549.69	49 53N	46 30E	81.8	189.8	2.033	-27.65	59.4	S0409	.07190	8.8431	0.4	F
	9015	28552.69	49 52N	46 30E	80.5	189.7	2.033	-27.30	59.5	S0409	.07190	9.0952	0.4	V
	9016	28557.49	49 51N	46 16E	83.0	189.7	2.033	-29.40	59.4	S0409	.05410	8.6829	1.2	F
	9017	28563.49	49 51N	46 16E	82.3	189.6	2.170	-28.70	59.9	S0409	.05410	8.8231	1.0	A
	9018	28604.09	43 40N	44 37E	91.7	188.9	1.810	-38.50	63.0	S0409	.03090	7.8418	0.6	F
	9019	28627.29	43 40N	44 36E	90.7	188.9	2.033	-38.85	63.0	S0409	.03090	8.0727	0.6	V
	9020	28632.49	43 42N	44 51E	82.4	188.8	2.170	-29.75	63.6	S0409	.04090	8.7324	0.6	F
	9021	28635.49	43 42N	44 51E	80.9	188.8	2.170	-29.05	63.6	S0409	.04090	9.0457	0.6	V
	9022	28638.69	43 41N	44 51E	81.6	188.8	2.385	-29.05	63.6	S0409	.04090	8.9055	0.4	A
	9023	28654.29	41 40N	45 7E	73.2	188.6	2.733	-9.10	65.0	S0409	.07190	9.8868	0.6	F
	9024	28660.89	41 0N	45 34E	75.2	188.5	2.733	10.85	65.6	S0409	.07190	9.6559	0.4	F
	9025	28663.49	41 0N	45 34E	74.4	188.5	2.733	11.20	65.6	S0409	.07190	9.8621	0.6	V
	9026	28666.29	41 0N	45 33E	75.3	188.5	2.733	11.55	65.6	S0409	.07190	9.6147	0.4	A
	9027	28674.49	40 47N	44 37E	73.9	188.4	2.733	-14.55	65.8	S0409	.07190	9.7796	0.4	F
	9028	28677.09	40 47N	44 37E	72.9	188.4	2.733	-14.00	65.8	S0409	.07190	10.0517	0.4	V
	9029	28679.69	40 46N	44 37E	73.7	188.4	2.733	-13.65	65.8	S0409	.07190	9.8558	0.4	A

Handle via
BYEMAN Channels
BYE-8915/84

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REV	FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG	LAT MIN	LONG DG	LONG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1474	9030	28726.89	36	37N	44	20E	74.0	188.0	2.872	7.35	68.3	S0409	.07190	9.8126	0.4	F
	9031	28729.49	36	30N	44	20E	73.2	188.0	2.872	7.70	68.3	S0409	.07190	10.0270	0.6	V
	9032	28735.29	36	15N	43	59E	72.2	188.0	2.872	-2.10	68.3	S0409	.07190	10.1569	1.0	V
	9033	28743.09	35	47N	43	16E	77.5	187.9	2.733	-23.80	68.2	S0409	.07190	9.4498	1.0	V
	9034	28751.09	35	18N	43	44E	72.3	187.8	2.872	-2.10	68.9	S0409	.07190	10.1342	1.0	V
	9035	28761.29	34	40N	44	17E	83.3	187.8	2.733	25.20	69.9	S0409	.04090	8.7241	0.6	F
	9036	28766.69	33	52N	43	52E	76.6	187.7	2.872	13.65	69.8	S0409	.07190	9.4328	0.6	F
	9037	28772.09	33	52N	43	51E	76.9	187.7	2.872	14.35	69.8	S0409	.05410	9.4085	1.0	A
	9038	28780.09	33	17N	44	14E	88.1	187.7	2.385	30.80	70.4	S0409	.03090	8.1799	1.0	A
	9039	28947.29	21	00N	40	33E	77.2	186.9	3.211	-17.85	71.0	S0409	.04090	9.3426	0.6	F
	9040	28952.69	21	01N	40	33E	76.9	186.9	3.211	-16.80	71.1	S0409	.04090	9.4168	0.8	A
	9041	29126.49	9	0N	38	46E	80.0	186.5	3.439	1.75	66.1	S0409	.05410	9.0292	1.6	F
	9042	29133.29	9	0N	38	49E	79.7	186.5	3.439	5.25	66.1	S0409	.05410	9.0375	1.0	A
	9043	29140.29	8	50N	39	10E	88.5	186.5	2.872	23.10	66.2	S0409	.05410	8.1139	0.6	A
	9044	29148.29	5	0N	38	14E	82.1	186.4	3.211	9.45	63.5	S0409	.05410	8.8390	1.2	V
	9045	29276.89	1	10S	36	50E	85.0	186.4	3.574	-4.20	58.5	S0409	.05410	8.4767	0.8	I
	9046	29279.89	1	10S	36	50E	84.1	186.4	3.574	-3.85	58.5	S0409	.05410	8.6499	0.6	V
	9047	29311.09	3	20S	35	50E	93.4	186.4	3.439	-28.00	56.3	S0409	.05410	7.7923	1.2	V
	9048	29372.69	7	30S	35	46E	87.4	186.5	3.439	-2.45	53.2	S0409	.07190	8.3118	1.0	V
	9049	29382.39	8	10S	35	13E	89.5	186.5	3.574	-15.40	52.4	S0409	.05410	8.1139	1.0	V
	9050	29389.09	8	29S	35	11E	92.1	186.5	3.574	-18.20	52.2	S0409	.05410	7.7841	1.2	A
	9051	29632.89	25	04S	32	12E	103.2	187.1	3.211	-10.50	37.0	S0409	.07190	6.9018	0.6	F
	9052	29638.29	26	1S	32	20E	102.8	187.1	3.211	-4.20	36.7	S0409	.07190	6.9430	0.8	F
	9053	29643.69	25	50S	32	32E	103.6	187.1	3.090	2.45	36.9	S0409	.07190	6.8440	0.6	A
	9054	29648.69	26	11S	32	9E	103.7	187.2	3.211	-7.35	36.4	S0409	.07190	6.9440	0.6	A
	9055	29661.49	27	00S	32	3E	104.0	187.2	3.090	-2.80	35.2	S0409	.07190	6.8523	1.0	I
	9056	29670.29	27	09S	32	26E	106.7	187.3	2.733	11.20	35.1	S0409	.07190	6.7451	0.8	V
	9057	29674.29	27	09S	32	27E	108.8	187.3	2.733	12.25	35.1	S0409	.05410	6.5859	0.4	A
	9058	29679.89	28	41S	32	14E	107.3	187.3	2.872	8.05	34.7	S0409	.05410	6.6249	0.8	A
	9059	29685.29	28	43S	32	7E	107.1	187.3	2.872	6.65	34.3	S0409	.05410	6.6151	1.0	A
	9060	29699.89	29	24S	31	0E	108.8	187.4	3.211	-18.20	32.8	S0409	.07190	6.6249	0.6	V
	9061	29703.89	29	24S	31	1E	110.1	187.4	3.211	-17.50	32.9	S0409	.07190	6.4482	0.8	A
	9062	29719.29	30	04S	30	29E	113.6	187.5	3.211	-28.00	31.8	S0409	.05410	5.9365	1.0	A
1475	9001	33792.09	53	10N	27	41E	79.5	190.8	2.033	20.65	56.3	S0312	.03150	9.2260	0.4	V
	9002	33835.89	50	17N	27	0E	87.3	190.1	2.170	30.80	54.0	S0312	.03150	8.4915	0.6	V
	9003	33839.09	50	17N	27	0E	88.7	190.0	2.170	31.15	54.0	S0312	.03150	8.1624	0.6	A
	9004	33843.09	49	54N	26	46E	88.2	190.0	2.170	30.80	53.5	S0312	.03150	8.2366	0.6	F
	9005	33846.29	49	54N	26	46E	87.5	189.9	2.170	31.15	53.6	S0312	.03150	8.3768	0.6	V
	9006	33864.49	48	52N	24	31E	76.4	189.7	2.170	-21.35	53.8	S0312	.03150	9.5971	0.4	V
	9007	33867.29	48	52N	24	31E	77.3	189.6	2.170	-21.00	53.8	S0312	.03150	9.4522	0.4	A
	9008	34625.09	4	10S	15	19E	109.1	186.4	2.511	34.30	56.7	S0312	.02260	8.6371	0.8	F
	9009	34629.09	4	10S	15	19E	108.6	186.4	2.511	34.65	56.7	S0312	.02260	8.6348	0.8	V
	9001	33557.29	60	12N	35	53E	77.3	190.2	1.113	-7.35	41.8	S0409	.07190	9.4586	0.4	V
	9002	33560.09	60	12N	35	52E	78.2	190.1	1.332	-7.70	41.8	S0409	.07190	9.2601	0.4	A
	9003	33574.69	60	9N	33	57E	81.7	190.3	1.113	-21.70	42.8	S0409	.07190	8.9466	0.6	V
	9004	33577.69	60	9N	33	57E	82.6	190.1	1.113	-21.70	42.9	S0409	.07190	8.7654	0.6	A
	9005	33593.29	59	01N	33	39E	78.9	190.4	1.475	10.50	44.4	S0409	.03670	9.1694	0.8	F
	9006	33599.89	58	58N	33	38E	78.8	190.2	1.475	10.85	44.4	S0409	.03670	9.1454	1.0	A
	9007	33693.69	58	49N	30	11E	76.9	192.9	1.810	9.10	50.5	S0409	.07190	9.4353	1.0	F
	9008	33699.29	58	49N	30	11E	76.8	192.7	1.810	9.80	50.5	S0409	.07190	9.4250	0.6	A
	9009	33731.49	57	20N	28	27E	74.8	192.0	2.033	-3.15	52.7	S0409	.07190	9.6642	0.8	F
	9010	33736.89	57	20N	28	27E	74.7	191.9	2.033	-2.45	52.7	S0409	.07190	9.7054	0.6	A
	9011	33746.89	56	10N	28	20E	75.3	191.5	2.033	5.95	53.7	S0409	.07190	9.6147	0.8	F
	9012	33752.29	56	10N	28	20E	75.3	191.5	2.033	6.65	53.7	S0409	.07190	9.6147	0.6	A
	9013	33764.09	55	11N	26	54E	77.7	191.3	1.810	-18.55	54.4	S0409	.07190	9.2849	0.6	F
	9014	33766.89	55	11N	26	54E	76.6	191.2	1.810	-18.20	54.4	S0409	.07190	9.5570	1.0	V
	9015	33770.09	55	9N	26	54E	77.4	191.2	2.033	-18.20	54.4	S0409	.07190	9.3438	1.0	A
	9016	33779.69	53	59N	27	44E	77.5	191.0	2.170	14.70	55.7	S0409	.07190	9.3508	0.8	F
	9017	33781.09	53	59N	27	42E	77.6	191.0	2.170	14.70	55.8	S0409	.07190	9.3508	0.6	F
	9018	33785.29	53	59N	27	43E	77.6	190.9	2.170	15.05	55.7	S0409	.07190	9.3343	0.8	A
	9019	33786.69	53	59N	27	41E	77.6	190.9	2.170	15.05	55.8	S0409	.07190	9.3343	0.6	A
	9020	33804.49	52	54N	25	22E	87.4	190.6	1.810	-33.95	56.1	S0409	.05410	8.3201	0.6	A
	9021	33819.69	51	22N	25	54E	74.2	190.3	2.170	-8.40	57.7	S0409	.07190	9.7466	0.6	F
	9022	33822.49	51	21N	25	54E	73.2	190.3	2.170	-8.05	57.7	S0409	.07190	10.0105	0.6	V
	9023	33832.29	50	19N	26	54E	85.7	190.1	2.170	28.00	58.9	S0409	.05410	8.4685	0.6	F
	9024	33835.89	50	16N	27	0E	87.3	190.1	2.170	30.80	59.0	S0409	.05410	8.4025	0.4	V
	9025	33839.09	50	16N	27	0E	88.6	190.0	2.171	31.15	59.0	S0409	.05410	8.1654	0.4	A
	9026	33858.09	48	58N	24	44E	75.7	189.8	2.170	-18.90	59.5	S0409	.07190	9.6307	0.4	V
	9027	33860.69	48	58N	24	45E	76.3	189.7	2.385	-18.55	59.5	S0409	.07190	9.4992	0.6	A
	9028	33910.89	44	59N	24	59E	82.2	189.1	2.385	24.50	63.1	S0409	.05410	8.8496	0.8	F
	9029	33913.89	44	59N	24	59E	81.5	189.1	2.385	24.85	63.1	S0409	.05410	9.0045	0.8	V
	9030	33922.49	44	19N	23	50E	73.2	189.0	2.511	-5.25	63.2	S0409	.07190	9.8868	0.4	F
	9031	33925.09	44	19N	23	50E	72.3	189.0	2.511	-4.90	63.2	S0409	.07190	10.1342	0.4	V
	9032	33930.29	43	47N	23	44E	73.2	188.9	2.511	-1.40	63.6	S0409	.07190	9.8951	0.6	F
	9033	33935.69	43	40N	23	47E	73.1	188.9	2.511	-0.70	63.6	S0409	.07190	9.9115	0.6	A
	9034	33944.49	43	40N	23	36E	72.9	188.8	2.733	1.05	64.3	S0409	.07190	9.9363	0.6	F
	9035	33947.29	43	47N	23	36E	72.1	188.7	2.511	1.40	64.3	S0409	.07190	10.1754	0.4	V
	9036	33952.49	43	24N	23	40E	72.8	188.7	2.511	7.35	64.7	S0409	.07190	10.0765	0.4	V
	9037	33955.29	43	24N	23	40E	73.7	188.7	2.511	7.70	64.7	S0409	.07190	9.8291	0.4	A
	9038	33960.89	43	00N	23	39E	74.1	188.6	2.511	11.55	65.1	S0409	.07190	9.9115	0.6	V
	9039	33962.69	43	00N	23	39E	75.0	188.6	2.511	11.90	65.1	S0409	.07190	9.6477	0.6	A
	9040	34094.69	33	00N	20	54E	75.5	187.6	2.872	-7.35	70.0	S0409	.07190	9.8373	0.4	F
	9041	34100.69	32	7N	20	22E	78.7	187.6	2.733	-23.80	69.8	S0409	.04090	9.1694	0.4	F
	9042	34106.49	32	0N	20	10E	82.7	187.6	2.733	-29.75	69.6	S0409	.05410	9.7818	0.6	A
1476	5001	39155.89	49	3N	4	27E	87.0	189.9	2.170	29.75	59.9	S0312	.03150	8.4356	0.8	F

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	POLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1476 5002	39158.89	49 9N	4 27E	86.3	189.8	2.170	30.10	59.9	S0312	.03150	8.4840	1.0	V
9001	39238.69	43 39N	1 29E	73.3	188.9	2.511	-7.00	63.6	S0409	.04090	9.8746	1.0	F
9002	39244.09	43 39N	1 29E	73.1	188.8	2.511	-6.30	63.6	S0409	.04090	9.9115	0.8	A
9003	39352.49	35 50N	0 6E	75.3	187.9	2.733	13.30	68.7	S0409	.07190	9.7384	0.6	V
9004	39355.49	35 57N	0 5E	76.1	187.9	2.733	12.95	68.7	S0409	.07190	9.4992	0.4	A
9005	39360.29	35 57N	0 3E	76.9	187.9	2.733	15.05	68.9	S0409	.05410	9.3920	0.6	A
9006	39371.69	34 34N	1 27W	83.0	187.8	2.511	-31.15	68.6	S0409	.05410	8.6746	0.4	F
9007	39374.29	34 36N	1 26W	81.7	187.8	2.511	-30.80	68.6	S0409	.05410	8.9550	0.8	V
9008	39377.29	34 36N	1 27W	82.8	187.8	2.733	-31.15	68.6	S0409	.05410	8.7818	0.6	A
9009	39772.29	6 55N	6 28W	96.0	186.5	3.439	-23.80	64.2	S0409	.05410	8.3613	1.2	F
147A 5001	50886.28	27 20S	56 50W	105.5	187.2	3.211	-17.15	35.3	S0312	.03150	6.8203	1.0	V
5002	50902.49	28 03S	56 3W	107.0	187.3	2.872	12.60	34.6	S0312	.03150	6.7274	0.6	V
9001	50483.68	0 0N	51 4W	85.0	186.4	3.211	8.75	59.8	S0409	.05410	8.5674	1.0	V
9002	50497.29	0 0N	51 3W	86.5	186.4	3.211	9.80	59.8	S0409	.05410	8.2471	1.2	A
9003	50511.08	1 04S	52 14W	90.7	186.4	3.439	-25.20	57.8	S0409	.05410	8.0232	1.0	V
9004	50781.08	20 26S	55 46W	107.2	186.8	3.211	-27.30	41.5	S0409	.05410	8.6461	0.8	F
9005	50787.28	20 19S	55 46W	107.2	186.9	3.439	-26.95	41.6	S0409	.05410	8.6709	1.0	A
9006	50819.68	23 4S	56 13W	107.7	187.0	3.211	-25.20	39.1	S0409	.05410	8.6131	0.8	F
9007	50825.08	23 11S	56 3W	103.0	187.0	3.211	-19.25	39.1	S0409	.07190	7.8098	1.0	V
9008	50830.48	23 26S	56 19W	106.9	187.0	3.211	-24.85	38.7	S0409	.05410	8.7333	1.0	V
9009	50835.48	23 31S	56 27W	108.6	187.0	3.211	-26.60	38.3	S0409	.05410	8.6379	1.0	V
9010	50841.68	24 35S	56 35W	110.2	187.0	3.211	-26.60	37.7	S0409	.05410	8.4565	1.0	F
9011	50846.28	24 39S	56 47W	113.6	187.1	3.211	-31.15	37.6	S0409	.05410	8.3410	1.0	V
9012	50853.08	24 46S	56 44W	112.4	187.1	3.439	-28.35	37.5	S0409	.05410	8.3493	1.0	A
9013	50861.28	25 47S	55 59W	102.0	187.1	3.211	-3.15	37.2	S0409	.07190	6.9677	0.8	A
9014	50866.28	26 4S	55 55W	101.6	187.1	3.211	2.10	36.7	S0409	.07190	7.0914	1.4	V
9015	50877.68	27 1S	56 55W	108.7	187.2	3.211	-21.70	35.5	S0409	.05410	8.5472	1.0	F
9016	50883.68	27 8S	56 28W	103.8	187.3	3.090	-2.45	34.8	S0409	.07190	6.8688	0.6	F
9017	50896.08	28 4S	56 27W	102.9	187.3	3.090	-1.40	34.8	S0409	.07190	7.0087	1.0	V
9018	50907.68	28 36S	55 50W	110.3	187.3	2.511	15.40	34.5	S0409	.05410	8.4256	0.4	A
9019	50941.68	30 45S	58 1W	117.1	187.3	3.211	-27.30	31.9	S0409	.05410	8.0689	0.6	A
1479 9001	55509.28	19 14N	69 25W	83.7	186.8	2.872	23.10	71.5	S0409	.05410	8.7571	1.0	V
9002	55514.88	19 32N	69 46W	80.0	186.8	3.090	14.70	71.1	S0409	.05410	9.0705	0.8	F
9003	55524.48	19 26N	70 6W	76.6	186.8	3.211	2.10	70.7	S0409	.05410	9.4415	0.6	A
9004	55641.28	10 0N	71 2W	88.2	186.5	2.872	24.15	67.3	S0409	.05410	8.2953	1.0	V
9005	55727.68	4 01N	73 8W	85.8	186.4	3.574	-21.00	62.6	S0409	.05410	8.4108	0.8	A
9006	55754.08	2 07N	72 38W	86.5	186.4	3.211	13.30	61.8	S0409	.05410	8.3056	1.0	A
9007	55804.88	7 10S	75 18W	94.0	186.5	3.439	-24.85	53.2	S0409	.05410	7.7546	0.8	V
148A 5001	59282.88	55 4N	82 53E	98.9	348.7	-2.028	-3.50	-9.2	S0312	.29710	7.2598	0.6	A
5002	59308.28	56 30N	84 52E	133.1	348.4	-1.685	-40.95	-8.4	S0312	.29710	5.4169	0.4	V
9001	60830.48	17 54N	92 29W	76.6	186.7	3.439	-6.65	70.4	S0409	.05410	9.4663	1.2	F
148B 5001	64452.47	45 50N	63 39E	102.8	350.8	-2.387	5.60	-17.9	S0312	.29710	6.9257	0.6	F
5002	64457.07	45 50N	63 39E	103.2	350.8	-2.387	12.95	-17.8	S0312	.29710	6.9399	0.6	V
5003	64461.47	45 54N	63 39E	104.0	350.7	-2.387	12.25	-17.8	S0312	.29710	6.8445	0.6	A
5004	64595.47	56 7N	61 29E	102.6	348.7	-2.028	-15.05	-9.4	S0312	.29710	6.9669	0.6	A
5005	65804.87	40 49N	109 30W	72.7	188.5	2.733	5.25	65.9	S0312	.04150	9.9681	0.4	F
5006	65810.27	40 48N	109 31W	72.9	188.4	2.733	5.95	65.9	S0312	.04150	9.9404	0.6	A
5007	65924.87	32 11N	110 52W	83.6	187.6	2.733	26.25	70.7	S0312	.03150	8.6984	0.6	F
5008	65927.07	32 11N	110 52W	83.1	187.6	2.511	26.95	70.7	S0312	.03150	8.8305	0.6	V
5009	65930.07	32 12N	110 52W	84.5	187.5	2.511	27.30	70.7	S0312	.03150	8.5747	0.6	A
9001	65805.07	40 27N	109 30W	72.7	188.5	2.733	5.25	65.9	S0409	.05410	9.9693	0.6	F
9002	65810.07	40 26N	109 30W	72.8	188.4	2.733	5.95	65.9	S0409	.05410	9.9445	0.8	A
9003	65923.87	32 12N	110 52W	83.7	187.6	2.733	26.25	70.7	S0409	.05410	8.6994	0.8	F
9004	65927.07	32 11N	110 52W	83.1	187.6	2.511	26.95	70.7	S0409	.05410	8.8396	0.6	V
9005	65930.07	32 11N	110 52W	84.4	187.5	2.511	27.30	70.7	S0409	.05410	8.5757	0.6	A
148B 5001	69893.07	55 9N	37 41E	101.8	348.8	-1.685	-17.85	-8.9	S0312	.29710	5.9999	0.6	F
5002	69900.47	55 43N	38 30E	97.7	348.7	-2.028	-2.45	-8.6	S0312	.29710	7.3139	0.6	F
148S 5001	424.26	55 13N	165 59E	77.6	191.9	1.810	-15.05	54.3	S0312	.04150	9.3003	0.4	F
5002	427.06	55 13N	165 59E	76.7	191.2	1.810	-15.05	54.3	S0312	.04150	9.5594	0.4	V
9001	426.86	55 13N	165 59E	76.7	191.3	1.810	-15.05	54.3	S0409	.09670	9.5405	0.4	V
9002	429.66	55 13N	165 59E	77.5	191.2	2.033	-15.05	54.3	S0409	.09670	9.3591	0.4	A
1486 5001	5826.66	49 0N	142 57E	81.2	189.3	2.170	21.00	59.7	S0312	.03150	8.9575	0.6	A
9001	5760.66	53 34N	143 5E	77.4	190.8	2.170	-14.55	55.6	S0409	.09670	9.4498	0.4	V
9002	5763.46	53 30N	143 5E	78.3	190.8	2.170	-14.55	55.6	S0409	.09670	9.2601	0.4	A
9003	5812.06	49 40N	142 52E	77.0	190.0	2.385	11.90	59.1	S0409	.05410	9.4085	0.8	F
9004	5817.46	49 40N	142 52E	77.2	189.9	2.385	12.60	59.1	S0409	.05410	9.3756	1.0	A
9005	5870.46	45 50N	142 6E	82.9	189.2	2.385	25.20	62.3	S0409	.05410	8.6478	0.4	V
9006	5873.46	45 50N	142 6E	84.2	189.2	2.170	25.40	62.3	S0409	.05410	8.6304	0.6	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1486 9007	6015.66	35 57N	139 29E	85.2	187.9	2.511	28.35	68.9	S0409	.05410	8.6252	1.0	V
9008	6018.86	35 57N	139 29E	86.5	187.9	2.511	28.70	69.0	S0409	.05410	8.3551	0.8	A
9009	6661.26	8 14S	130 51E	94.9	186.5	2.872	17.15	53.1	S0409	.04090	7.5285	0.8	A
1487 5001	11233.66	42 12N	118 51E	81.8	188.7	2.511	24.50	65.0	S0312	.02260	8.9787	0.8	V
5002	11236.66	42 12N	118 51E	83.0	188.6	2.511	24.85	65.0	S0312	.02260	8.7313	0.8	A
5003	11271.06	39 50N	116 25E	85.6	188.3	2.170	-33.60	65.6	S0312	.03150	8.5417	0.6	V
5004	11274.26	39 50N	116 24E	86.5	186.3	2.385	-33.60	65.6	S0312	.03150	8.4180	0.6	A
9001	11210.66	43 49N	118 57E	76.0	188.9	2.511	14.35	63.7	S0409	.05410	9.6477	0.4	V
9002	11226.66	42 49N	118 53E	81.6	188.7	2.511	22.75	64.7	S0409	.05410	8.9168	0.6	F
9003	11229.46	42 17N	118 50E	81.8	188.7	2.511	23.10	64.9	S0409	.05410	8.8890	0.6	F
9004	11250.66	40 59N	117 20E	75.3	188.5	2.511	-15.05	65.2	S0409	.07190	9.5982	1.2	F
9005	11258.86	40 27N	116 41E	83.9	188.4	2.170	-30.45	65.3	S0409	.05410	8.5839	0.6	F
9006	11261.86	40 27N	116 41E	82.7	188.4	2.385	-30.45	65.3	S0409	.05410	8.8561	0.6	V
9007	11264.86	40 27N	116 41E	83.4	188.4	2.385	-30.10	65.3	S0409	.05410	8.7159	0.6	A
9008	11271.06	39 50N	116 24E	85.6	188.3	2.170	-33.60	65.6	S0409	.05410	8.5427	0.6	V
9009	11274.06	39 50N	116 24E	86.4	188.3	2.385	-33.60	65.6	S0409	.05410	8.4190	0.6	A
9010	11282.06	39 10N	117 5E	73.9	188.3	2.872	-7.70	66.5	S0409	.07190	9.8043	0.6	A
9011	11287.26	38 46N	116 57E	73.9	188.2	2.872	-7.00	66.9	S0409	.05410	9.7979	0.8	F
9012	11292.66	38 46N	116 56E	73.8	188.2	2.872	-6.30	66.9	S0409	.05410	9.8208	0.8	A
9013	11304.06	37 52N	116 4E	79.9	188.1	2.511	-26.60	67.1	S0409	.05410	9.1612	0.6	V
9014	11307.06	37 51N	116 4E	80.7	188.1	2.733	-26.60	67.1	S0409	.05410	9.0045	0.8	A
9015	11322.86	36 4N	117 3AE	91.7	187.9	2.385	-34.65	69.0	S0409	.04090	7.9902	0.8	V
9016	11326.06	36 4N	117 3AE	93.4	187.9	2.170	-35.35	69.1	S0409	.04090	7.7346	1.0	A
9017	11436.06	29 4N	115 34E	86.0	187.3	2.872	-26.95	71.9	S0409	.04090	8.4603	1.0	F
9018	11442.26	28 4N	115 34E	86.7	187.3	2.511	-24.08	71.9	S0409	.04090	8.3283	1.0	A
9019	11480.66	25 20N	113 55E	75.3	187.1	3.211	-14.35	71.3	S0409	.07190	9.7136	0.6	V
9020	11483.46	25 19N	113 55E	76.2	187.1	3.211	-14.35	71.3	S0409	.05410	9.4992	0.6	A
9021	11511.86	23 12N	113 21E	77.9	187.0	3.090	-20.65	71.1	S0409	.05410	9.3960	0.8	V
9022	11514.66	23 12N	113 21E	78.8	187.0	3.090	-20.30	71.2	S0409	.05410	9.2106	0.6	A
9023	11533.46	21 53N	113 11E	77.7	186.9	3.211	-16.80	71.1	S0409	.05410	9.3261	0.6	A
1488 9001	16570.85	40 10N	94 36E	81.5	188.4	2.385	-28.35	65.5	S0409	.05410	8.8478	1.0	F
1489 9001	21446.25	69 22N	84 6E	81.8	198.5	1.332	15.40	41.6	S0409	.07190	8.9468	0.4	V
9002	21449.05	69 23N	84 6E	82.6	198.4	1.332	15.40	41.5	S0409	.07190	8.7489	0.4	A
9003	21670.05	54 42N	77 22E	76.0	191.1	2.033	-10.50	55.0	S0409	.05410	9.4992	0.6	F
9004	21675.45	54 42N	77 22E	75.8	191.0	2.033	-9.80	55.0	S0409	.05410	9.5652	0.6	A
9005	21688.85	53 5N	79 39E	90.9	190.7	2.033	32.90	56.5	S0409	.04090	8.0644	0.8	V
9006	21692.05	53 5N	79 39E	92.0	190.7	1.810	33.25	56.5	S0409	.04090	7.8583	0.4	A
9007	21744.25	46 36N	74 28E	77.4	189.4	2.385	-19.60	61.2	S0409	.05410	9.3261	0.4	F
9008	21747.05	46 36N	74 28E	76.3	189.3	2.385	-19.25	61.2	S0409	.05410	9.5982	0.4	V
9009	21793.25	46 4N	73 39E	89.4	189.3	1.810	-35.70	61.3	S0409	.04090	8.0480	3.2	F
9010	21800.25	45 59N	73 38E	89.0	189.2	2.033	-35.70	61.4	S0409	.04090	8.1634	1.0	A
9011	21802.05	45 58N	73 36E	88.9	189.2	2.033	-35.70	61.5	S0409	.04090	8.1716	0.8	A
9012	21828.65	43 59N	75 12E	85.8	188.9	2.385	-29.40	64.0	S0409	.04090	8.5427	0.6	V
9013	21839.05	42 49N	73 51E	73.5	188.8	2.733	-6.30	64.1	S0409	.05410	9.8573	1.0	F
9014	21844.45	42 48N	73 50E	73.4	188.7	2.733	-5.60	64.1	S0409	.05410	9.8786	0.8	A
9015	21957.05	35 4N	72 1E	73.4	187.8	2.872	-2.80	68.8	S0409	.07190	9.8703	1.0	A
9016	21993.05	32 24N	71 27E	73.0	187.6	3.090	-2.10	70.0	S0409	.05410	10.0435	0.4	V
9017	21995.65	32 24N	71 27E	73.9	187.6	3.090	-1.75	70.0	S0409	.05410	9.8043	0.4	A
9018	22025.45	30 1N	70 36E	76.2	187.4	2.872	-16.10	70.5	S0409	.05410	9.4745	0.8	F
9019	22031.05	30 1N	70 36E	76.0	187.4	3.090	-15.40	70.5	S0409	.05410	9.5487	0.8	A
1490 5001	26902.25	59 42N	56 44E	83.6	192.7	1.475	-26.95	50.2	S0312	.03150	8.7478	0.8	V
5002	26905.25	59 42N	56 44E	84.4	192.6	1.687	-26.95	50.2	S0312	.03150	8.6077	0.8	A
5003	27000.85	52 48N	55 47E	79.6	190.6	2.170	19.25	56.6	S0312	.03150	9.2178	0.6	V
5004	27003.65	52 48N	55 47E	80.7	190.6	2.170	19.60	56.6	S0312	.03150	8.9369	0.6	A
5005	27310.05	31 50N	48 11E	89.3	187.5	2.385	-36.05	69.6	S0312	.03150	8.0717	0.8	F
9001	26786.65	67 7N	62 39E	78.3	196.3	1.332	-3.15	43.6	S0409	.07190	9.2189	0.8	F
9002	26792.25	67 7N	62 39E	78.1	196.5	1.332	-2.80	43.6	S0409	.07190	9.2601	0.8	A
9003	26914.85	58 52N	57 48E	76.3	192.4	2.033	4.20	51.2	S0409	.07190	9.4928	0.6	A
9004	26923.05	58 4N	56 35E	78.0	192.2	1.810	-15.05	51.8	S0409	.07190	9.2519	0.6	F
9005	26925.85	58 4N	56 35E	76.9	192.1	1.810	-14.70	51.8	S0409	.07190	9.5157	0.6	V
9006	26928.65	58 4N	56 35E	77.6	192.1	1.810	-14.35	51.8	S0409	.07190	9.3343	0.6	A
9007	26933.05	57 20N	56 33E	76.2	192.0	2.033	-8.75	52.5	S0409	.07190	9.4745	0.4	F
9008	26935.65	57 20N	56 32E	75.3	191.9	2.033	-8.75	52.4	S0409	.07190	9.7301	1.0	V
9009	26939.05	57 19N	56 31E	76.0	191.8	2.033	-8.40	52.5	S0409	.07190	9.5322	0.4	A
9010	26969.25	54 49N	56 9E	76.5	191.2	2.170	7.70	54.8	S0409	.07190	9.4745	0.4	F
9011	26971.85	54 49N	56 9E	75.6	191.2	2.170	8.05	54.8	S0409	.07190	9.6972	0.6	V
9012	26974.65	54 49N	56 8E	76.5	191.1	2.170	8.40	54.8	S0409	.07190	9.4663	0.6	A
9013	26989.25	53 20N	55 39E	76.6	190.8	2.170	9.10	55.9	S0409	.07190	9.4663	0.8	F
9014	26994.85	53 20N	55 39E	76.6	190.7	2.170	9.30	56.0	S0409	.07190	9.4498	0.8	A
9015	27012.85	51 49N	55 9E	77.3	190.4	2.385	12.25	57.3	S0409	.07190	9.3673	0.6	F
9016	27015.65	51 49N	55 9E	76.4	190.4	2.170	12.60	57.3	S0409	.07190	9.5300	0.6	V
9017	27019.65	51 34N	54 57E	75.6	190.3	2.170	10.15	57.5	S0409	.07190	9.6972	0.6	V
9018	27022.45	51 33N	54 57E	76.5	190.3	2.170	10.50	57.5	S0409	.07190	9.4580	0.6	A
9019	27071.85	47 49N	53 46E	76.2	189.6	2.511	12.25	60.6	S0409	.07190	9.5240	0.4	F
9020	27074.45	47 49N	53 46E	75.4	189.6	2.511	12.60	60.6	S0409	.07190	9.7301	0.6	V
9021	27077.25	47 49N	53 46E	76.4	189.5	2.511	12.95	60.6	S0409	.07190	9.4828	0.6	A
9022	27137.45	43 36N	51 18E	79.8	188.8	2.170	-25.90	63.2	S0409	.07190	9.1612	0.8	V
9023	27140.45	43 36N	51 18E	80.6	188.8	2.385	-25.90	63.2	S0409	.05410	9.0127	0.8	A

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1490 9024	27257.05	35 26S	50 54E	86.6	187.9	2.385	28.70	69.2	S0409	.05410	8.3386	0.6	A
9025	27333.85	30 50N	49 38E	79.8	187.5	2.733	18.90	71.0	S0409	.05410	9.0292	1.4	A
9026	27334.65	29 49N	48 49E	74.3	187.4	3.090	-1.75	70.9	S0409	.07190	9.7466	1.0	F
9027	27340.05	29 43N	48 49E	74.4	187.4	3.090	-0.70	70.9	S0409	.07190	9.7301	0.8	A
9028	27359.65	29 4N	47 48E	85.6	187.3	2.872	-32.20	70.4	S0409	.05410	8.4450	0.6	A
9029	27360.05	29 0N	48 4E	76.8	187.3	3.090	-17.15	70.9	S0409	.05410	9.4085	1.4	F
9030	27364.65	27 51N	47 57E	76.8	187.2	3.090	-17.15	71.0	S0409	.05410	9.4003	1.4	F
9031	27647.45	8 17N	44 10E	86.5	186.5	3.211	-26.25	65.1	S0409	.03090	8.3118	0.8	F
9032	27653.65	8 10N	44 9E	86.8	186.5	3.439	-26.25	65.1	S0409	.05410	8.3366	1.0	A
9033	27724.65	7 9N	43 39E	82.1	186.4	3.439	-10.85	61.9	S0409	.05410	8.8090	0.6	V
9034	27727.65	7 9N	43 38E	83.1	186.4	3.439	-10.85	61.9	S0409	.04090	8.6664	1.2	A
9035	27772.65	0 20S	42 34E	93.9	186.4	3.211	-29.05	58.8	S0409	.05410	7.6357	1.0	F
9036	27776.05	0 20S	42 33E	92.7	186.4	3.439	-29.05	58.8	S0409	.05410	7.8583	1.0	V
1491 5001	32361.85	48 52N	32 18E	80.4	189.8	2.385	19.95	59.8	S0312	.03150	8.0282	0.4	F
5002	32364.85	48 51N	32 18E	79.8	189.8	2.170	20.65	59.8	S0312	.03150	8.2013	0.4	V
9001	32046.65	67 42N	40 59E	77.4	197.1	1.332	-3.85	43.1	S0409	.07190	9.4415	0.6	V
9002	32089.65	67 42N	40 58E	78.3	196.9	1.332	-3.85	43.1	S0409	.07190	9.2436	0.4	A
9003	32132.05	64 36N	39 15E	77.5	195.1	1.332	7.70	46.0	S0409	.07190	9.4415	0.4	V
9004	32134.85	64 36N	39 15E	78.4	195.0	1.332	8.05	46.0	S0409	.07190	9.2189	0.4	A
9005	32234.65	57 40N	34 4E	79.6	192.1	1.687	-19.60	52.1	S0409	.07190	9.0622	0.6	F
9006	32237.45	57 41N	34 7E	78.4	192.0	1.687	-19.25	52.1	S0409	.07190	9.3261	0.6	V
9007	32240.25	57 41N	34 6E	79.3	191.9	1.687	-19.25	52.1	S0409	.07190	9.1447	0.6	A
9008	32248.45	57 0N	34 5SE	76.4	191.8	2.033	7.00	52.9	S0409	.07190	9.4745	0.4	A
9009	32253.85	56 47N	34 2SE	75.6	191.6	2.033	1.75	53.4	S0409	.07190	9.5652	0.6	F
9010	32256.65	56 17N	34 2SE	74.7	191.6	2.033	2.10	53.4	S0409	.07190	9.8043	0.6	V
9011	32272.25	55 0N	33 15E	77.2	191.3	2.033	-15.05	54.3	S0409	.07190	9.3591	0.4	F
9012	32275.05	55 0N	33 15E	76.1	191.2	2.033	-14.70	54.3	S0409	.07190	9.6269	0.4	V
9013	32277.85	55 0N	33 15E	76.8	191.2	2.033	-14.55	54.3	S0409	.07190	9.4333	0.4	A
9014	32285.25	54 11N	33 15E	75.2	191.0	2.033	-5.95	55.2	S0409	.07190	9.6147	0.6	F
9015	32290.64	54 11N	33 14E	75.0	190.9	2.033	-5.60	55.2	S0409	.07190	9.8559	0.6	A
9016	32330.65	51 7N	31 53E	76.0	190.3	2.033	-12.95	57.7	S0409	.07190	9.6157	1.0	F
9017	32336.25	51 7N	31 53E	75.7	190.2	2.033	-12.25	57.7	S0409	.07190	9.5817	0.8	A
9018	32344.65	50 15N	32 30E	76.5	190.1	2.385	13.30	58.6	S0409	.07190	9.5817	0.4	V
9019	32349.04	49 46N	32 7E	75.4	190.0	2.385	6.65	58.9	S0409	.07190	9.6147	0.8	F
9020	32356.45	49 46N	32 6E	75.4	189.9	2.385	7.35	58.9	S0409	.07190	9.5942	0.4	A
9021	32367.64	48 51N	32 1SE	80.9	189.7	2.170	21.00	59.8	S0409	.07190	8.9456	0.4	A
9022	32373.25	48 9N	31 33E	74.9	189.7	2.385	5.60	60.2	S0409	.07190	9.6724	0.6	F
9023	32376.04	48 9N	31 32E	74.0	189.6	2.385	5.60	60.2	S0409	.07190	9.9115	1.2	V
9024	32381.05	47 50N	31 14E	73.3	189.6	2.385	-3.70	60.4	S0409	.07190	10.0023	0.4	V
9025	32383.64	47 50N	31 14E	74.1	189.5	2.385	-0.35	60.4	S0409	.07190	9.7714	0.4	A
9026	32388.05	47 41N	30 48E	74.4	189.3	2.385	-8.05	60.8	S0409	.07190	9.7156	0.6	F
9027	32390.85	47 41N	30 48E	73.5	189.4	2.385	-7.70	60.8	S0409	.07190	9.9693	0.6	V
9028	32398.05	46 50N	30 42E	74.1	189.4	2.385	-4.90	61.4	S0409	.07190	9.7651	1.4	F
9029	32403.25	46 50N	30 42E	74.0	189.3	2.385	-4.20	61.4	S0409	.07190	9.7961	3.0	A
9030	32624.04	31 50N	25 53E	93.8	187.5	2.385	-39.90	63.5	S0409	.03090	7.7428	1.0	A
9031	33401.84	23 0S	15 0E	119.0	186.9	3.090	-37.80	59.8	S0409	.05410	8.0772	0.6	V
9032	33405.24	23 0S	15 0E	120.2	186.9	3.090	-37.45	59.9	S0409	.05410	8.9517	0.6	A
1492 5001	37545.24	57 44N	11 53E	80.8	191.9	1.810	-22.40	52.0	S0312	.04150	8.9787	0.8	A
5002	37607.44	57 6N	11 52E	82.2	190.7	2.033	23.45	56.3	S0312	.03150	8.9210	0.6	V
5003	37610.64	57 6N	11 49E	82.7	190.7	2.033	22.75	56.3	S0312	.03150	8.7643	0.8	A
9001	37593.04	54 0N	11 16E	76.0	191.0	2.033	-1.05	55.4	S0409	.09670	9.6594	0.6	F
9002	37595.84	53 50N	11 16E	74.1	190.9	2.033	-0.70	55.4	S0409	.09670	9.8868	0.6	V
9003	37601.84	53 41N	11 31E	77.5	190.8	2.033	12.60	56.0	S0409	.07190	9.3508	0.8	F
9004	37665.84	49 0N	8 27E	85.1	189.6	1.810	-30.70	59.0	S0409	.05410	8.4403	1.0	F
9005	37671.84	48 9N	8 27E	84.5	189.7	2.033	-30.45	59.0	S0409	.05410	8.5822	1.0	A
9006	37758.04	43 5N	6 26E	90.2	188.5	2.033	-37.80	63.4	S0409	.03090	8.1139	0.4	V
9007	37761.24	43 4N	6 25E	90.8	188.7	2.033	-37.45	63.4	S0409	.03090	7.9985	0.6	A
9008	37846.24	36 47N	5 54E	82.5	188.0	2.385	25.20	68.4	S0409	.05410	8.8890	0.6	V
9009	37850.64	36 40N	5 41E	80.9	188.0	2.733	21.70	68.6	S0409	.05410	8.9797	0.8	F
9010	37856.44	36 40N	5 39E	80.2	187.9	2.511	21.00	68.6	S0409	.04090	9.0210	0.6	A
9011	37859.44	36 40N	5 38E	80.2	187.9	2.511	21.00	68.6	S0409	.05410	9.0210	0.6	A
9012	38180.64	13 30N	2 7E	87.5	186.6	2.733	23.80	69.2	S0409	.05410	8.3036	0.8	F
9013	38187.24	13 21N	2 11E	89.9	186.6	2.733	26.60	69.3	S0409	.05410	7.9820	1.0	A
1494 5001	49329.24	23 10S	48 48W	101.9	187.0	2.872	12.60	39.6	S0312	.03150	7.0948	1.0	V
5002	49404.04	22 29S	50 55W	107.5	187.3	3.211	-19.95	34.3	S0312	.03150	8.6289	0.8	F
9001	49044.84	3 55S	45 22W	89.4	186.4	3.211	12.25	57.0	S0409	.05410	8.0067	1.0	A
9002	49207.44	15 14S	47 5W	101.7	186.6	2.872	20.65	47.1	S0409	.05410	7.0832	1.2	F
9003	49216.64	15 46S	47 52W	93.6	186.7	3.439	-3.15	46.2	S0409	.07190	7.6604	0.6	F
9004	49223.24	15 43S	47 55W	93.5	186.7	3.439	-3.85	46.2	S0409	.05410	7.6439	0.6	A
9005	49299.04	21 31S	49 6W	108.8	186.9	2.733	23.10	41.8	S0409	.05410	8.5967	1.0	F
9006	49305.04	21 22S	48 17W	104.9	186.9	2.733	17.85	41.4	S0409	.05410	8.7698	1.0	A
9007	49317.64	22 30S	50 5W	111.5	186.9	3.211	-30.80	39.6	S0409	.05410	8.3905	0.8	F
9008	49424.24	23 10S	51 31W	116.9	187.4	3.211	-29.75	33.4	S0409	.05410	8.0936	1.2	A
1495 5001	54550.43	17 39S	70 45W	96.8	186.7	3.439	-17.85	44.4	S0312	.03150	7.4781	0.6	V
9001	54555.43	18 10S	70 32W	95.6	186.7	3.439	-7.35	44.0	S0409	.07190	7.4335	0.6	F
9002	54560.43	18 19S	70 20W	94.5	186.8	3.211	1.05	44.0	S0409	.05410	7.6604	1.2	V

Handle via
BYEMAN Channels
BYE-8915/84

Approved for Release: 2021/01/22 C05132886

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1495 9003	54565.63	18 20S	70 19W	96.5	186.8	3.211	2.80	43.9	S0409	.05410	7.3400	1.2	A
1496 5001	59422.23	12 7N	86 27W	90.7	186.6	2.733	26.95	68.6	S0312	.02260	7.9233	0.6	A
1497 5001	64342.43	33 5N	104 2W	72.7	188.2	2.872	-2.10	67.1	S0312	.04150	9.9599	0.6	F
5002	64347.63	33 6N	104 3W	72.8	188.1	2.872	-1.40	67.1	S0312	.04150	9.9599	0.6	A
9001	64342.43	33 5N	104 3W	72.8	188.2	2.872	-2.10	67.1	S0409	.05410	9.9610	0.6	F
9002	64347.63	33 5N	104 3W	72.8	188.1	2.872	-1.40	67.1	S0409	.05410	9.9610	0.6	A
9003	64508.63	26 57N	105 46W	64.4	187.2	2.733	26.25	72.0	S0409	.05410	8.5427	1.0	A
1498 9001	70525.22	22 10S	138 44W	120.8	186.9	3.090	-38.85	39.8	S0409	.04090	5.9465	0.6	V
9002	70529.62	22 9S	138 45W	122.0	186.9	3.090	-38.50	39.8	S0409	.04090	5.8710	1.0	A
1500 9001	81377.42	38 10S	175 10E	114.1	188.2	2.733	4.20	25.6	S0409	.05410	6.1844	1.4	A
1501 9001	85176.02	64 40N	177 55E	78.6	195.3	1.475	-0.70	45.7	S0409	.07190	9.1359	0.6	F
9002	85179.62	64 40N	177 46E	77.6	195.1	1.475	-2.80	45.7	S0409	.05410	9.4250	0.6	V
9003	85182.62	64 40N	177 45E	78.4	195.0	1.475	-2.45	45.7	S0409	.05410	9.2271	0.4	A
9004	85214.62	62 30N	176 57E	79.3	193.9	1.687	9.45	47.6	S0409	.05410	9.1199	0.4	A
1502 5001	5195.01	10 59S	136 46E	97.7	186.5	2.872	20.30	50.9	S0312	.02260	7.4369	0.6	V
9001	4346.41	44 34N	146 57E	74.3	189.0	2.511	-5.95	62.7	S0409	.05410	9.7384	0.4	F
9002	4349.21	44 34N	146 57E	73.3	189.0	2.511	-5.60	62.7	S0409	.05410	9.9048	0.4	V
9003	4399.21	43 51N	146 56E	73.2	188.3	2.511	0.00	63.3	S0409	.09670	10.0105	0.4	V
9004	4402.01	43 51N	146 55E	74.1	188.3	2.733	0.00	65.3	S0409	.04670	9.7879	0.4	A
1503 5001	9600.61	51 12N	128 27E	91.8	190.3	2.033	33.60	58.8	S0312	.01710	7.9993	0.6	V
5002	9604.01	51 11N	128 27E	93.4	190.2	1.810	34.30	58.8	S0312	.01710	7.7584	0.6	A
5003	9612.21	50 10N	127 35E	82.5	190.1	2.385	22.05	58.6	S0312	.04150	8.7973	0.4	F
5004	9615.21	50 10N	127 35E	81.9	190.1	2.170	22.75	58.6	S0312	.04150	8.9622	0.4	V
5005	9705.21	43 57N	125 20E	78.8	188.9	2.733	15.40	63.4	S0312	.02260	9.3167	0.6	F
5006	9708.61	43 56N	125 15E	76.4	188.9	2.511	14.00	63.4	S0312	.03150	9.6053	1.0	V
5007	9737.61	41 52N	123 31E	79.9	188.6	2.385	-24.50	64.3	S0312	.03150	9.0447	1.2	F
5008	9744.01	41 49N	123 31E	79.5	188.6	2.511	-23.80	64.4	S0312	.03150	9.1518	1.0	A
5009	9764.41	39 52N	124 26E	81.6	188.4	2.733	22.05	66.3	S0312	.04150	8.9127	1.0	F
5010	9770.21	39 52N	124 26E	82.2	188.3	2.511	23.10	66.4	S0312	.04150	8.8220	1.0	A
9001	9588.01	51 54N	128 11E	82.6	190.5	2.170	22.05	57.2	S0409	.04090	8.7901	2.4	F
9002	9592.61	51 46N	128 9E	81.8	190.4	2.170	22.40	57.3	S0409	.04090	8.9715	0.8	V
9003	9595.61	51 46N	128 9E	82.9	190.4	2.170	22.75	57.3	S0409	.07190	8.7324	0.4	A
9004	9621.01	49 50N	127 20E	79.9	190.0	2.170	19.95	58.9	S0409	.05410	9.1359	0.6	V
9005	9624.01	49 52N	127 20E	81.0	189.9	2.170	20.30	58.9	S0409	.05410	8.9585	0.6	A
9006	9710.61	43 47N	125 12E	76.3	188.9	2.511	14.00	63.5	S0409	.07190	9.6147	0.4	V
9007	9717.81	43 41N	124 18E	74.8	188.8	2.511	-10.85	63.6	S0409	.05410	9.6724	0.8	F
9008	9723.21	43 41N	124 18E	74.5	188.8	2.733	-10.15	63.6	S0409	.05410	9.7301	0.8	A
9009	9729.81	42 56N	124 3E	74.3	188.7	2.511	-12.95	64.0	S0409	.05410	9.8421	0.6	V
9010	9738.21	41 49N	123 30E	79.9	188.6	2.385	-24.50	64.4	S0409	.05410	9.0457	0.8	F
9011	9744.01	41 49N	123 31E	79.4	188.6	2.511	-23.80	64.4	S0409	.05410	9.1529	1.6	A
9012	9750.81	41 17N	123 48E	74.5	188.5	2.733	-10.50	64.9	S0409	.07190	9.7384	0.6	A
9013	9759.81	40 11N	124 30E	81.6	188.4	2.733	22.05	66.1	S0409	.05410	8.8973	0.8	F
9014	9762.61	39 59N	124 27E	81.6	188.4	2.733	22.05	66.3	S0409	.05410	8.9055	0.6	F
9015	9802.01	37 20N	122 40E	76.3	188.1	2.733	-17.50	67.2	S0409	.07190	9.4663	0.4	F
9016	9804.81	37 20N	122 40E	75.3	188.1	2.733	-17.15	67.2	S0409	.07190	9.7384	0.4	V
9017	9807.61	37 20N	122 40E	75.9	188.1	2.733	-16.45	67.2	S0409	.07190	9.5692	0.4	A
9018	9894.21	31 14N	121 30E	73.7	187.5	3.090	-9.80	70.2	S0409	.07190	9.9445	0.6	V
9019	9897.01	31 14N	121 30E	74.5	187.5	3.090	-9.45	70.2	S0409	.07190	9.7301	0.4	A
9020	9915.21	29 46N	121 24E	73.4	187.4	3.090	-1.40	70.8	S0409	.07190	9.9358	0.6	V
9021	9918.01	29 46N	121 24E	74.2	187.4	3.090	-1.05	70.8	S0409	.07190	9.7549	0.6	A
9022	9929.21	28 59N	121 26E	76.1	187.3	3.090	9.10	71.3	S0409	.05410	9.5322	0.6	F
9023	9934.61	28 59N	121 26E	76.3	187.3	3.090	9.80	71.3	S0409	.05410	9.4745	0.6	A
9024	10013.41	22 43N	120 25E	79.3	187.0	3.090	15.05	71.9	S0409	.05410	9.1529	1.0	F
9025	10019.21	22 43N	120 25E	79.7	186.9	3.090	15.75	71.9	S0409	.05410	9.0540	1.0	A
9026	10259.61	6 4N	116 33E	82.0	186.5	3.439	-19.60	63.9	S0409	.05410	8.9155	0.6	V
9027	10262.61	6 4N	116 33E	82.9	186.4	3.439	-19.25	63.9	S0409	.05410	8.7159	0.6	A
1504 5001	15406.61	17 3N	96 5E	87.0	186.7	2.872	-30.80	69.6	S0312	.03150	8.2696	0.6	F
5002	15413.61	16 57N	96 9E	83.4	186.7	3.090	-27.30	69.6	S0312	.03150	8.7643	1.0	V
5003	15416.81	16 52N	96 9E	83.6	186.7	3.090	-25.90	69.6	S0312	.03150	8.6819	0.4	A
5004	15417.81	16 47N	96 9E	83.7	186.7	3.090	-25.90	69.6	S0312	.03150	8.6819	0.4	A
9001	14684.01	66 29N	112 25E	79.1	196.3	1.332	-6.65	44.1	S0409	.07190	9.1199	0.6	F
9002	14687.01	66 28N	112 25E	78.0	196.2	1.332	-6.30	44.1	S0409	.07190	9.3673	0.4	V
9003	14691.61	65 57N	112 21E	78.6	196.0	1.332	-0.70	44.6	S0409	.07190	9.1859	0.4	F
9004	14694.41	65 57N	112 20E	77.6	195.8	1.332	-0.70	44.6	S0409	.07190	9.4250	0.4	V
9005	14697.21	65 57N	112 21E	78.4	195.7	1.332	-0.35	44.6	S0409	.07190	9.2271	0.6	A
9006	14821.81	57 17N	106 33E	79.4	191.9	1.687	-19.25	52.3	S0409	.07190	9.0869	0.8	F
9007	14827.41	57 16N	106 34E	78.9	191.8	1.810	-18.55	52.3	S0409	.07190	9.1859	1.0	A
9008	14849.81	52 41N	104 32E	81.7	190.6	1.810	-24.85	56.1	S0409	.07190	8.8231	0.4	F

Handle via
BYEMAN Channels
BYE-8915/84

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4354 COMMAND INFORMATION

REV	FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1504	9009	14892.61	52 41N	104 32E	80.4	190.0	1.810	-24.50	56.1	S0409	.07190	9.0952	0.6	V
	9010	14897.61	52 21N	104 24E	80.6	190.5	1.810	-24.85	56.4	S0409	.07190	8.9705	0.6	V
	9011	14900.41	52 22N	104 24E	81.4	190.4	2.033	-24.55	56.4	S0409	.07190	8.9220	0.6	A
	9012	14914.81	50 42N	106 5E	91.1	190.2	2.170	-32.20	56.3	S0409	.06090	7.9572	0.4	F
	9013	14919.01	50 40N	106 5E	90.3	190.2	2.170	-32.55	56.3	S0409	.06090	8.1057	0.6	V
	9014	14921.41	50 42N	106 8E	93.0	190.1	2.170	-33.95	56.4	S0409	.06090	7.7511	0.8	A
	9015	14947.41	49 5N	104 9E	74.1	189.8	2.385	-2.10	59.3	S0409	.07190	9.7796	0.8	A
	9016	14947.21	46 20N	102 51E	75.8	189.3	2.385	-17.15	61.2	S0409	.07190	9.5755	0.6	A
	9017	15092.21	39 47N	101 6E	73.4	188.2	2.733	-9.45	66.5	S0409	.07190	9.8621	0.6	F
	9018	15097.41	39 47N	101 6E	73.2	188.2	2.733	-8.75	66.5	S0409	.07190	9.9333	0.6	A
	9019	15105.01	39 10N	100 12E	83.4	188.1	2.385	-33.60	66.5	S0409	.05410	8.7318	1.4	V
	9020	15109.01	39 8N	100 12E	85.8	188.1	2.385	-32.90	66.5	S0409	.05410	8.6624	0.4	A
	9021	15117.21	37 0N	100 44E	72.3	186.1	2.872	-5.60	67.6	S0409	.05410	10.0147	1.0	F
	9022	15122.41	37 0N	100 48E	72.2	188.0	2.872	-4.55	67.6	S0409	.05410	10.0435	1.0	A
	9023	15127.41	36 42N	100 29E	73.0	188.0	2.872	-11.20	67.9	S0409	.05410	9.9115	1.0	F
	9024	15132.61	36 42N	100 30E	72.8	187.9	2.872	-10.15	67.9	S0409	.05410	9.9643	1.0	A
1505	9001	20262.00	49 50N	81 2E	82.6	189.7	2.170	-28.00	59.2	S0312	.03150	8.8220	0.6	A
	9002	20324.20	44 9N	79 56E	78.7	189.0	2.385	-22.75	62.8	S0312	.03150	9.1448	0.6	F
	9001	20135.40	56 50N	85 38E	79.0	191.5	2.033	13.30	52.9	S0409	.07190	9.1694	1.0	F
	9002	20142.40	56 40N	84 55E	75.1	191.7	2.033	-1.05	52.9	S0409	.07190	9.7349	0.6	V
	9003	20145.20	56 39N	84 55E	75.9	191.6	2.033	-0.70	52.9	S0409	.07190	9.5405	0.6	A
	9004	20152.40	55 40N	84 55E	77.1	191.5	2.170	8.05	54.8	S0409	.07190	9.3920	1.2	F
	9005	20157.80	55 40N	84 55E	77.1	191.4	2.170	8.75	54.8	S0409	.07190	9.3458	1.2	A
	9006	20181.60	53 40N	83 59E	76.0	190.9	2.170	4.55	55.4	S0409	.07190	9.5322	0.6	F
	9007	20188.00	53 20N	83 23E	75.5	190.8	2.170	-6.65	55.7	S0409	.05410	9.5735	0.6	F
	9008	20194.40	53 20N	83 22E	75.3	190.7	2.170	-5.95	55.7	S0409	.05410	9.6229	0.6	A
	9009	20198.00	53 5N	83 19E	75.2	190.6	2.170	-4.90	56.0	S0409	.07190	9.6394	0.6	A
	9010	20202.20	52 40N	83 6E	75.2	190.6	2.170	-4.90	56.5	S0409	.07190	9.6147	0.8	F
	9011	20205.20	52 20N	83 6E	74.2	190.5	2.170	-4.55	56.5	S0409	.07190	9.8703	0.4	V
	9012	20207.90	52 20N	83 6E	75.0	190.5	2.170	-4.20	56.5	S0409	.07190	9.6359	0.4	A
	9013	20241.80	49 49N	81 15E	84.9	190.0	1.810	-30.10	58.4	S0409	.05410	8.4767	0.4	F
	9014	20248.40	49 10N	81 54E	75.0	189.9	2.385	-9.10	59.0	S0409	.07190	9.6394	0.6	F
	9015	20253.80	49 10N	81 54E	74.8	189.8	2.385	-8.40	59.0	S0409	.07190	9.6972	0.6	A
	9016	20273.40	47 50N	80 26E	88.2	189.5	1.810	-35.35	59.8	S0409	.04090	8.3201	0.6	V
	9017	20276.40	47 50N	80 27E	88.6	189.5	2.033	-35.00	59.8	S0409	.04090	8.2046	0.6	A
	9018	20283.60	46 10N	80 50E	75.3	189.3	2.385	-12.60	61.4	S0409	.05410	9.5830	0.4	F
	9019	20299.00	46 10N	80 51E	75.1	189.2	2.511	-11.90	61.4	S0409	.05410	9.6642	0.4	A
	9020	20339.40	44 10N	79 43E	82.3	188.9	2.385	-28.70	62.6	S0409	.05410	8.8231	1.0	A
	9021	20606.80	24 54N	75 37E	79.1	187.1	2.872	-23.45	71.1	S0409	.05410	9.2514	0.4	V
	9022	20609.60	24 54N	75 36E	79.9	187.1	3.090	-23.45	71.1	S0409	.05410	9.0869	0.4	A
	9023	20687.60	19 8N	74 46E	77.5	186.8	3.211	-14.70	70.6	S0409	.05410	9.4178	1.0	F
	9024	20693.20	19 8N	74 46E	77.3	186.8	3.211	-13.65	70.6	S0409	.05410	9.3673	0.8	A
1506	9001	25616.60	45 10N	59 19E	78.3	189.1	2.511	15.75	62.5	S0312	.03150	9.2838	1.4	F
	9002	25622.20	45 10N	59 19E	78.6	189.1	2.511	16.45	62.5	S0312	.03150	9.2343	1.4	A
	9001	25446.40	56 51N	62 31E	76.9	191.8	1.810	-10.15	52.7	S0409	.07190	9.3920	0.6	F
	9002	25452.00	56 51N	62 31E	76.6	191.7	1.810	-9.45	52.7	S0409	.07190	9.4580	0.6	A
	9003	25456.80	56 42N	61 60E	77.8	191.6	1.810	-17.15	53.0	S0409	.07190	9.4085	0.6	V
	9004	25459.60	56 42N	62 0E	78.5	191.5	1.810	-16.80	53.0	S0409	.07190	9.2459	0.6	A
	9005	25473.00	55 10N	61 35E	77.2	191.5	1.810	-16.45	54.0	S0409	.07190	9.4745	0.4	V
	9006	25475.80	55 10N	61 35E	78.0	191.2	2.033	-16.45	54.0	S0409	.07190	9.3413	0.4	A
	9007	25502.20	53 41N	60 58E	76.2	190.7	2.033	-11.55	55.9	S0409	.07190	9.4745	0.4	F
	9008	25504.80	53 40N	60 58E	75.2	190.7	2.033	-11.20	55.9	S0409	.07190	9.7584	0.4	V
	9009	25508.80	53 40N	60 47E	77.0	190.6	2.033	-15.05	55.9	S0409	.07190	9.4168	0.4	A
	9010	25511.80	52 57N	60 37E	76.5	190.6	2.033	-16.10	56.2	S0409	.07190	9.5817	0.4	V
	9011	25514.60	52 57N	60 36E	77.3	190.5	2.033	-16.10	56.2	S0409	.07190	9.3359	0.4	A
	9012	25528.40	51 10N	60 37E	74.8	190.5	2.170	-3.50	57.5	S0409	.07190	9.6642	0.6	F
	9013	25531.20	51 10N	60 37E	73.9	190.5	2.170	-3.15	57.5	S0409	.07190	9.9115	0.4	V
	9014	25532.40	51 10N	60 35E	73.9	190.2	2.170	-3.15	57.6	S0409	.07190	9.9115	0.4	V
	9015	25535.20	50 59N	60 32E	73.9	190.2	2.170	-2.45	57.7	S0409	.07190	9.9194	0.4	V
	9016	25538.00	50 58N	60 32E	74.7	190.1	2.385	-2.45	57.7	S0409	.07190	9.7054	0.4	A
	9017	25573.40	48 52N	58 2E	99.8	189.7	1.687	-43.75	59.1	S0409	.05410	7.3305	0.6	V
	9018	25577.00	48 50N	58 2E	100.4	189.6	1.687	-43.40	59.1	S0409	.05410	7.2390	0.6	A
	9019	25616.60	45 9N	59 19E	78.3	189.1	2.511	15.75	62.5	S0409	.07190	9.2849	0.8	F
	9020	25622.20	45 8N	59 19E	78.6	189.1	2.511	16.45	62.5	S0409	.07190	9.2354	0.8	A
	9021	25708.20	39 1N	56 22E	81.6	188.3	2.385	-27.30	65.1	S0409	.04090	8.8396	0.8	F
	9022	25714.00	39 1N	56 22E	81.0	188.2	2.511	-26.60	66.1	S0409	.04090	8.9653	0.8	A
	9023	25727.80	37 59N	56 11E	78.8	188.1	2.511	-23.45	66.9	S0409	.05410	9.1529	0.8	F
	9024	25919.20	24 27N	53 32E	78.4	187.1	3.090	-19.60	71.2	S0409	.07190	9.2024	0.8	F
	9025	25926.80	24 26N	53 32E	79.1	187.0	3.211	-18.90	71.2	S0409	.07190	9.2766	0.8	A
1507	9001	30800.20	54 8N	38 24E	84.7	196.3	1.687	-30.10	54.9	S0312	.03150	8.6324	0.6	V
	9002	30803.40	54 8N	38 24E	85.4	196.3	1.687	-29.75	54.9	S0312	.03150	8.5087	0.4	A
	9003	30861.40	49 40N	36 57E	85.2	195.3	1.810	-30.45	58.4	S0312	.03150	8.4593	0.6	F
	9004	30864.60	49 39N	36 57E	84.0	195.3	2.033	-30.45	58.5	S0312	.03150	8.7149	0.4	V
	9005	30924.60	45 17N	35 26E	74.8	194.1	2.511	-9.80	62.1	S0312	.04150	9.6713	0.4	F
	9006	30930.00	45 17N	35 26E	74.7	194.1	2.511	-9.10	62.1	S0312	.04150	9.7290	0.4	A
	9001	30506.00	73 24N	54 51E	81.3	203.0	0.986	9.45	37.4	S0409	.07190	8.9380	0.8	V
	9002	30509.00	73 24N	54 50E	82.1	202.8	0.996	9.45	37.4	S0409	.07190	8.7983	0.8	A
	9003	30534.20	71 34N	52 23E	81.2	200.7	1.113	11.20	39.2	S0409	.07190	9.0045	0.6	V
	9004	30537.20	71 34N	52 22E	82.1	200.6	1.113	11.20	39.2	S0409	.07190	8.8066	0.6	A

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1507 9005	30741.80	57 55N	41 16E	75.2	192.1	2.033	-0.35	51.9	S0409	.07190	9.7301	0.6	V
9006	30746.60	57 52N	41 16E	76.1	192.0	2.033	0.00	51.4	S0409	.07190	9.5157	0.6	A
9007	30751.80	57 0N	40 59E	76.2	191.9	2.033	2.45	52.6	S0409	.07190	9.4328	0.6	F
9008	30757.20	57 0N	40 59E	76.1	191.8	2.033	2.80	52.6	S0409	.07190	9.5075	0.8	A
9009	30766.40	56 2N	40 20E	75.8	191.6	2.033	-3.15	53.4	S0409	.07190	9.5405	1.8	F
9010	30771.80	56 2N	40 20E	75.6	191.4	2.033	-2.80	53.4	S0409	.07190	9.5817	2.0	A
9011	30786.80	54 40N	39 35E	75.9	191.2	2.033	-6.40	54.6	S0409	.07190	9.5157	0.6	F
9012	30792.20	54 41N	39 35E	75.7	191.1	2.170	-7.70	54.6	S0409	.07190	9.5735	0.8	A
9013	30815.20	52 40N	39 27E	76.5	190.6	2.385	8.40	56.4	S0409	.07190	9.4663	1.0	F
9014	30820.80	52 40N	39 27E	76.5	190.6	2.170	9.10	56.4	S0409	.07190	9.4498	0.8	A
9015	30830.60	51 56N	39 1E	76.0	190.4	2.385	7.00	57.3	S0409	.07190	9.5280	0.4	F
9016	30833.40	51 56N	39 1E	75.2	190.4	2.170	7.70	57.3	S0409	.07190	9.7466	0.4	V
9017	30836.00	51 56N	39 1E	76.1	190.3	2.170	8.05	57.3	S0409	.07190	9.5157	0.4	A
9018	30873.80	48 44N	37 39E	74.5	189.8	2.385	-4.20	59.5	S0409	.07190	9.7854	0.6	F
9019	30879.00	48 43N	37 39E	74.4	189.7	2.385	-3.50	59.5	S0409	.07190	9.7384	1.0	A
9020	30885.80	48 4N	37 42E	74.0	189.6	2.385	4.55	60.1	S0409	.07190	9.8951	0.8	V
9021	30890.80	47 42N	37 32E	74.9	189.5	2.385	4.20	60.5	S0409	.07190	9.6724	0.8	F
9022	30896.20	47 42N	37 32E	74.9	189.5	2.385	4.90	60.5	S0409	.07190	9.6724	0.8	A
9023	30924.40	45 17N	36 26E	74.8	189.1	2.511	-9.80	62.1	S0409	.09670	9.6724	0.6	F
9024	30929.80	45 17N	36 26E	74.6	189.1	2.511	-9.10	62.1	S0409	.09670	9.7301	0.6	A
9025	31069.80	35 24N	33 19E	83.7	187.9	2.385	-30.10	68.0	S0409	.05410	8.6087	0.6	F
9026	31075.60	34 57N	33 24E	80.1	187.8	2.511	-25.20	68.3	S0409	.05410	9.0095	0.4	F
9027	31078.40	34 57N	33 24E	78.9	187.8	2.511	-24.85	68.3	S0409	.05410	9.2766	0.6	V
9028	31081.40	34 56N	33 23E	79.7	187.8	2.733	-24.85	68.3	S0409	.05410	9.1117	0.4	A
9029	31132.20	31 6N	33 51E	81.2	187.5	2.733	22.40	70.8	S0409	.04090	9.0210	0.8	V
9030	31135.20	31 6N	33 50E	82.4	187.5	2.733	22.75	70.9	S0409	.04090	8.7571	0.8	A
9031	31142.60	30 10N	33 25E	77.4	187.4	3.090	13.65	71.0	S0409	.04090	9.3673	0.8	F
9032	31148.20	30 10N	33 25E	77.8	187.4	2.872	14.70	71.0	S0409	.04090	9.2951	0.8	A
9033	31988.80	27 49S	21 36E	110.5	187.2	3.090	-24.15	35.0	S0409	.05410	6.4400	0.6	F
9034	31992.80	27 49S	21 37E	108.7	187.3	3.090	-23.10	35.0	S0409	.05410	6.6379	0.6	V
9035	31996.80	27 49S	21 38E	109.8	187.3	3.090	-22.40	35.0	S0409	.05410	6.4977	0.6	A
150A 9001	36097.00	54 34N	18 33E	80.8	191.1	2.033	20.30	54.9	S0409	.09670	9.0705	0.6	V
9002	36100.00	54 34N	18 33E	81.9	191.1	2.033	20.65	54.9	S0409	.07190	8.8313	0.8	A
9003	36115.80	53 27N	16 35E	77.6	190.8	2.033	-18.90	55.5	S0409	.07190	9.4433	0.4	V
9004	36118.60	53 27N	16 35E	78.4	190.7	2.033	-18.55	55.5	S0409	.07190	9.2501	0.6	A
9005	36144.00	51 21N	15 45E	79.5	190.3	2.033	-21.70	57.2	S0409	.07190	9.0787	1.0	F
9006	36149.80	51 21N	15 44E	79.1	190.2	2.170	-21.35	57.2	S0409	.07190	9.1612	0.8	A
9007	36164.60	50 8N	15 44E	74.5	190.0	2.170	-10.50	58.3	S0409	.07190	9.8373	0.6	V
9008	36167.40	50 8N	15 44E	75.3	190.0	2.385	-10.50	58.3	S0409	.07190	9.6394	0.6	A
9009	36177.80	49 7N	16 9E	75.7	189.8	2.385	11.20	59.3	S0409	.07190	9.6889	0.6	V
9010	36180.60	49 7N	16 9E	76.6	189.8	2.385	11.55	59.4	S0409	.07190	9.4415	0.6	A
9011	36225.00	45 45N	14 44E	74.0	189.2	2.511	-0.35	61.8	S0409	.07190	9.7879	0.4	F
9012	36227.60	45 45N	14 44E	73.1	189.2	2.511	0.00	61.8	S0409	.07190	10.0270	0.4	V
9013	36231.80	45 17N	14 34E	74.2	189.1	2.511	-1.40	62.2	S0409	.09670	9.7651	0.4	F
9014	36234.40	45 17N	14 34E	73.3	189.1	2.511	-1.05	62.2	S0409	.09670	10.0023	0.4	V
9015	36241.20	44 56N	13 51E	77.0	189.0	2.385	-20.30	62.2	S0409	.07190	9.5157	0.6	V
9016	36244.00	44 56N	13 51E	77.7	189.0	2.385	-19.95	62.2	S0409	.07190	9.3426	0.6	A
1510 5001	47682.59	11 44S	42 1W	110.0	186.5	3.439	-37.10	49.3	S0312	.03150	6.5547	1.0	A
5002	47825.59	22 10S	41 48W	117.5	186.3	2.385	30.10	41.0	S0312	.03150	6.1094	1.0	F
9001	47691.59	8 7S	41 9W	101.5	186.5	3.211	-32.20	52.5	S0409	.05410	7.0502	1.0	F
9002	47836.19	22 31S	43 14W	99.9	187.0	3.439	-10.85	39.8	S0409	.07190	7.1556	0.4	F
9003	47839.79	22 30S	43 14W	98.8	187.0	3.439	-10.15	39.8	S0409	.07190	7.3141	0.4	V
9004	47843.39	22 30S	43 14W	100.1	187.0	3.439	-9.80	39.8	S0409	.07190	7.1294	0.6	A
1511 5001	52625.79	13 8N	59 29W	89.0	186.6	3.211	-31.50	67.8	S0312	.03150	6.1460	0.8	A
5002	52735.99	4 54N	59 29W	91.2	186.4	2.872	24.15	63.9	S0312	.03150	7.9563	1.0	F
5003	53140.39	24 10S	64 17W	116.4	187.0	2.511	28.35	39.1	S0312	.03150	6.1754	0.8	F
5004	53375.79	38 48S	68 2W	114.4	188.2	2.511	9.45	25.3	S0312	.04150	6.2248	1.0	F
5005	53389.39	39 30S	69 16W	116.7	188.3	3.090	-18.20	24.7	S0312	.04150	6.8765	0.8	A
9001	53006.59	13 33S	64 14W	104.9	186.6	3.211	-31.50	47.8	S0409	.05410	6.8028	1.0	F
9002	53011.39	13 52S	64 27W	109.9	186.5	3.211	-35.70	47.5	S0409	.05410	6.4395	1.2	F
9003	53016.59	14 14S	64 24W	106.5	186.5	3.211	-32.55	47.2	S0409	.05410	6.6956	1.0	F
9004	53028.79	14 49S	64 27W	103.8	186.6	3.211	-30.45	46.8	S0409	.05410	6.9760	0.8	V
9005	53036.19	15 6S	64 23W	99.9	186.7	3.439	-25.55	46.4	S0409	.05410	7.2563	1.0	V
9006	53042.19	15 23S	64 2W	95.0	186.7	3.439	-12.60	46.4	S0409	.05410	7.5285	1.0	A
9007	53052.79	16 39S	62 59W	109.3	186.7	2.511	28.35	46.1	S0409	.05410	6.6296	1.0	V
9008	53059.19	17 1S	63 32W	99.5	186.7	3.090	14.70	45.3	S0409	.05410	7.2151	1.0	F
9009	53065.19	17 20S	63 6W	110.2	186.7	2.511	28.70	45.3	S0409	.05410	6.5637	2.6	V
9010	53069.39	17 4/S	63 9W	110.5	186.7	2.511	28.70	45.1	S0409	.05410	6.5554	0.8	V
9011	53073.39	17 47S	63 10W	112.1	186.7	2.511	28.70	45.1	S0409	.05410	6.3410	0.6	A
9012	53083.99	18 27S	64 6W	95.8	186.8	3.211	3.85	44.0	S0409	.05410	7.4460	0.8	A
9013	53092.59	19 0S	63 30W	110.2	186.8	2.511	26.25	43.8	S0409	.05410	6.4482	0.8	A
9014	53147.99	23 0S	64 19W	109.1	187.0	2.511	23.10	40.1	S0409	.05410	6.6214	1.0	V
9015	53153.99	23 43S	64 45W	103.8	187.0	2.733	13.65	39.4	S0409	.05410	6.9018	0.8	F
9016	53164.39	24 13S	64 24W	112.3	187.0	2.511	25.90	39.1	S0409	.05410	6.4317	1.0	V
9017	53174.39	24 50S	65 28W	99.0	187.1	3.211	-2.10	38.1	S0409	.05410	7.2976	0.8	V
9018	53182.59	25 26S	65 54W	100.8	187.1	3.211	-11.20	37.3	S0409	.07190	7.0832	0.6	F
9019	53186.19	25 38S	65 55W	99.7	187.1	3.211	-10.85	37.3	S0409	.07190	7.2398	0.6	V
9020	53189.79	25 50S	65 55W	101.1	187.1	3.439	-10.85	37.3	S0409	.07190	7.0419	0.6	A
9021	53209.39	27 1S	65 9W	111.5	187.2	2.511	20.30	36.5	S0409	.05410	6.3493	1.2	A
9022	53250.99	30 19S	66 16W	106.3	187.4	2.872	7.00	33.2	S0409	.07190	6.7203	0.4	F

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4354 COMMAND INFORMATION

REV	FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1511	9023	53254.79	30 19S	66 16W	105.5	187.4	2.872	7.35	33.2	S0409	.07190	6.8275	0.4	V
	9024	53258.79	30 19S	66 15W	107.3	187.4	2.872	A.05	33.2	S0409	.07190	6.6049	0.4	A
	9025	53262.99	37 40S	67 39W	114.1	186.1	2.385	12.95	26.3	S0409	.07190	6.2333	1.2	V
	9026	53270.39	37 21S	67 49W	114.6	188.1	2.511	10.15	26.1	S0409	.07190	6.1596	1.2	A
	9027	53447.19	43 37S	68 56W	121.9	189.8	2.170	15.75	20.8	S0409	.04090	5.8292	0.6	F
	9028	53451.59	43 37S	68 56W	121.1	188.8	2.170	16.10	20.8	S0409	.07190	5.9142	0.4	V
	9029	53456.19	43 37S	68 56W	123.1	188.9	2.170	16.45	20.9	S0409	.07190	5.7143	0.6	A
1512	5001	56327.78	56 0N	94 30E	99.5	348.6	-1.812	6.30	-8.5	S0312	.29710	7.2537	1.0	V
	5002	56335.78	56 1ON	93 36E	106.1	348.3	-1.686	20.65	-8.1	S0312	.29710	6.7690	0.6	A
	9001	57521.58	40 52N	74 7W	85.7	183.5	2.385	29.05	65.7	S0409	.05410	8.5592	3.0	V
	9002	57790.78	22 10N	79 4W	75.6	186.9	3.211	0.70	71.5	S0409	.05410	9.5300	0.6	F
	9003	57795.98	21 52N	78 51W	78.5	186.9	3.090	12.60	71.7	S0409	.05410	9.2436	0.6	F
	9004	57801.38	21 52N	78 44W	81.2	186.9	2.872	18.20	71.9	S0409	.07190	8.8890	0.6	A
	9005	57833.38	19 44N	79 52W	77.1	186.8	3.439	-12.60	70.8	S0409	.05410	9.3938	1.2	A
1513	5001	61617.78	54 54N	73 24E	101.1	348.3	-2.028	-6.50	-9.7	S0312	.29710	7.0823	0.4	A
	5002	62845.58	39 0N	97 51W	73.5	188.2	2.872	-1.40	67.0	S0312	.03150	9.8527	0.8	F
	5003	62870.98	39 0N	97 52W	73.5	188.1	2.872	-0.70	67.0	S0312	.03150	9.8509	0.6	A
	9001	62865.58	38 0N	97 51W	73.5	188.2	2.872	-1.40	67.0	S0409	.05410	9.8538	0.6	F
	9002	62870.78	39 0N	97 51W	73.5	188.1	2.872	-0.70	67.0	S0409	.05410	9.8621	0.6	A
	9003	63027.18	27 10N	99 54W	77.4	187.2	3.090	12.25	71.6	S0409	.05410	9.3426	0.6	A
	9004	63043.18	25 40N	100 6W	78.8	187.1	3.090	15.40	71.8	S0409	.05410	9.2189	0.8	F
	9005	63053.18	25 30N	100 56W	75.9	187.1	3.211	-15.40	71.2	S0409	.07190	9.5652	1.0	A
	9006	63063.38	24 50N	101 2W	74.8	187.1	3.211	-11.90	71.3	S0409	.07190	9.6542	1.0	F
	9007	63074.58	24 10N	101 31W	81.4	187.0	3.090	-27.58	71.0	S0409	.05410	8.9220	0.6	A
	9008	63090.38	23 0N	101 54W	86.1	187.0	3.090	-33.25	70.8	S0409	.05410	8.4355	0.6	A
	9009	63096.18	22 39N	101 44W	79.9	186.9	3.211	-24.50	71.0	S0409	.05410	9.0705	0.8	A
	9010	63111.38	21 30N	100 53W	80.7	186.9	2.872	19.25	71.8	S0409	.05410	8.9468	0.8	A
151A	9001	2792.77	52 40N	156 9E	74.9	190.0	2.170	5.60	56.2	S0409	.09670	9.7796	0.4	V
	9002	2795.57	52 47N	156 9E	75.8	190.0	2.170	5.95	56.2	S0409	.09670	9.5570	0.4	A
	9003	2842.37	49 48N	154 40E	73.7	189.9	2.385	-3.15	58.8	S0409	.05410	9.9445	0.4	V
	9004	2845.17	49 26N	154 40E	74.6	189.8	2.385	-2.80	58.8	S0409	.05410	9.7301	0.6	A
1519	5001	8195.36	46 40N	131 8E	77.9	189.3	2.385	-19.95	60.7	S0312	.03150	9.3416	0.6	A
	5002	8224.76	44 5N	131 46E	81.8	189.0	2.511	22.40	63.3	S0312	.02260	8.8962	0.6	F
	5003	8229.76	43 5N	131 46E	81.3	188.9	2.511	23.10	63.3	S0312	.02260	9.0292	0.6	V
	5004	8261.56	42 10N	130 12E	74.5	188.0	2.733	-10.15	64.2	S0312	.04150	9.7155	0.4	A
	5005	8266.76	41 50N	129 47E	77.9	188.0	2.511	-21.00	64.3	S0312	.03150	9.3415	1.6	A
	5006	8269.96	41 42N	129 45E	77.8	188.0	2.511	-21.00	64.3	S0312	.03150	9.3415	0.4	A
	5007	8278.36	40 42N	129 12E	83.4	186.0	2.170	-29.75	64.9	S0312	.04150	8.6654	0.6	F
	5008	8281.36	40 42N	129 13E	82.0	186.4	2.385	-29.40	64.9	S0312	.04150	8.9292	0.6	V
	5009	8286.76	40 52N	129 8E	83.6	188.4	2.385	-30.45	64.9	S0312	.03150	8.8384	0.4	A
	5010	8310.56	38 40N	128 25E	89.6	188.2	2.170	-37.80	65.9	S0312	.02260	8.1354	0.4	V
	5011	8491.76	26 10N	127 40E	88.5	187.1	2.511	29.40	72.1	S0312	.03150	8.1707	1.4	A
	9001	8161.36	48 40N	132 59E	77.8	189.7	2.511	16.10	59.6	S0409	.07190	9.4333	0.6	V
	9002	8164.16	48 40N	132 59E	78.8	189.7	2.511	16.45	59.6	S0409	.07190	9.1459	0.6	A
	9003	8173.36	48 9N	132 29E	75.7	189.6	2.511	8.05	60.0	S0409	.07190	9.5745	0.6	A
	9004	8188.56	46 52N	130 28E	91.0	189.4	1.810	-37.05	60.4	S0409	.04090	7.8536	0.8	F
	9005	8210.16	45 40N	130 34E	82.3	189.1	2.385	-28.00	61.3	S0409	.05410	8.8313	0.8	A
	9006	8222.56	44 22N	131 40E	78.9	189.0	2.511	17.50	63.0	S0409	.07190	9.2106	0.8	F
	9007	8229.76	44 5N	131 46E	81.3	188.9	2.511	23.10	63.3	S0409	.05410	9.0292	0.6	V
	9008	8232.76	44 0N	131 46E	82.5	188.9	2.511	23.35	63.3	S0409	.05410	8.7706	0.6	A
	9009	8242.16	43 0N	130 40E	73.5	188.8	2.733	1.05	63.7	S0409	.07190	9.8521	0.6	F
	9010	8247.36	42 45N	130 40E	74.5	188.8	2.733	4.20	64.0	S0409	.05410	9.7301	0.6	F
	9011	8252.56	42 44N	130 40E	74.5	188.7	2.733	4.90	64.0	S0409	.05410	9.7219	0.6	A
	9012	8258.76	42 10N	130 12E	73.7	188.7	2.733	-10.50	64.2	S0409	.09670	9.9528	0.4	V
	9013	8261.36	42 11N	130 12E	74.4	188.6	2.733	-10.15	64.2	S0409	.09670	9.7466	0.6	A
	9014	8267.36	41 49N	129 46E	77.9	188.6	2.511	-21.00	64.3	S0409	.07190	9.3426	1.4	A
	9015	8272.56	41 20N	129 39E	78.4	188.5	2.511	-22.05	64.5	S0409	.05410	9.2349	0.6	A
	9016	8277.76	40 44N	129 13E	83.4	188.3	2.170	-29.75	64.8	S0409	.05410	8.6064	0.6	F
	9017	8356.76	35 10N	128 57E	74.6	187.9	2.872	-9.25	68.6	S0409	.05410	9.7219	0.8	F
	9018	8361.96	35 10N	128 57E	74.8	187.8	2.672	6.40	64.6	S0409	.05410	9.6869	1.0	A
	9019	8398.16	32 42N	128 51E	82.1	187.6	2.733	22.75	70.1	S0409	.05410	9.7983	0.8	A
1520	5001	13425.16	51 40N	112 17E	82.8	190.4	2.033	24.85	57.2	S0312	.03150	8.8550	0.4	V
	5002	13428.16	51 40N	112 17E	84.0	190.4	2.033	25.20	57.2	S0312	.03150	8.6242	0.4	A
	5003	13638.36	37 40N	106 8E	86.0	189.1	2.511	-35.00	66.7	S0312	.03150	8.5087	1.0	V
	5004	13641.56	37 40N	106 8E	86.7	189.0	2.511	-34.65	66.7	S0312	.03150	8.3333	0.8	A
	5005	13954.76	15 49N	101 58E	88.5	186.7	3.211	-32.20	69.1	S0312	.03150	8.2119	1.2	A
	5006	13975.16	13 50N	102 59E	85.8	186.6	3.090	21.35	69.4	S0312	.03150	8.4675	0.6	F
	5007	13979.16	13 55N	103 3E	87.9	186.6	2.872	24.15	69.6	S0312	.03150	8.1172	0.8	A
	5008	13983.56	13 44N	102 57E	86.7	186.6	2.872	22.40	69.4	S0312	.03150	8.3026	1.0	A
	5009	13988.36	13 17N	102 53E	85.8	186.6	2.872	22.40	69.2	S0312	.03150	8.3026	0.6	A
	9001	13292.36	60 40N	114 49E	77.6	193.2	1.687	-9.10	49.1	S0409	.05410	9.3096	0.8	F
	9002	13435.96	51 59N	110 59E	74.3	190.2	2.385	-2.10	57.6	S0409	.07190	9.7584	1.0	F
	9003	13441.36	50 59N	110 59E	74.3	190.2	2.385	-1.40	57.6	S0409	.07190	9.7601	0.8	A
	9004	13504.76	45 56N	109 20E	88.4	189.6	2.033	-36.40	60.6	S0409	.04090	8.2871	0.6	V

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1520 9005	13507.96	46 36N	108 20E	89.0	189.3	2.033	-36.05	60.6	S0409	.04030	8.1634	0.6	A
9006	13616.36	39 10N	106 23E	90.5	188.2	2.385	-38.15	65.6	S0409	.04030	8.0397	0.5	A
9007	13631.56	37 49N	106 49E	74.6	183.1	2.733	-17.15	66.9	S0409	.07190	9.8291	0.6	V
9008	13685.76	33 51N	106 29E	74.5	187.7	3.090	3.50	69.3	S0409	.07190	9.7384	1.0	F
9009	13691.16	33 51N	106 28E	74.6	187.7	2.872	4.55	69.3	S0409	.07190	9.7136	1.0	A
9010	13699.96	32 59N	106 58E	84.2	187.7	2.511	23.00	70.1	S0409	.05410	8.7159	0.4	V
9011	13712.36	32 16N	105 36E	74.7	187.6	2.872	-16.45	69.6	S0409	.07190	9.8126	0.6	V
9012	13716.76	31 47N	105 20E	78.3	187.6	2.872	-22.40	69.6	S0409	.05410	9.2106	0.6	F
9013	13719.56	31 47N	105 20E	77.2	187.5	2.872	-22.05	69.6	S0409	.05410	9.4745	0.6	V
9014	13748.56	29 42N	105 41E	74.6	187.4	3.090	4.05	70.9	S0409	.07190	9.8291	0.6	V
9015	13762.76	29 04N	105 30E	75.8	187.3	3.090	0.40	71.1	S0409	.07190	9.5405	0.6	A
9016	13894.76	19 49N	103 10E	76.7	186.8	3.211	-12.95	70.7	S0409	.05410	9.4166	0.4	F
9017	13900.16	19 25N	103 10E	76.6	186.8	3.439	-12.25	70.7	S0409	.05410	9.4580	1.0	A
9018	13937.56	16 30N	102 51E	77.0	186.7	3.439	-3.50	70.0	S0409	.05410	9.4003	0.6	F
9019	13943.16	16 30N	102 48E	77.0	186.7	3.439	-4.55	70.0	S0409	.05410	9.3358	1.0	A
1521 5001	18665.76	56 26N	92 17E	86.9	191.5	1.810	28.35	53.2	S0312	.03150	8.4593	0.4	V
5002	18668.76	56 26N	92 16E	87.8	191.5	1.810	24.35	53.2	S0312	.03150	8.2644	0.6	A
5003	18670.76	56 25N	92 12E	87.8	191.5	1.810	24.35	53.3	S0312	.03150	8.2614	0.6	A
5004	18682.16	55 58N	89 46E	79.3	191.3	1.810	-19.95	53.8	S0312	.03150	9.1024	0.6	F
5005	18684.96	55 58N	89 45E	78.2	191.3	1.810	-19.60	53.8	S0312	.04150	9.3580	0.6	V
5006	18693.96	54 50N	89 20E	80.7	191.1	1.810	-23.10	54.0	S0312	.03150	9.0034	0.6	A
5007	18847.76	44 2N	87 30E	80.8	188.9	2.385	22.75	63.3	S0312	.03150	9.0776	0.6	V
5008	18850.76	44 2N	87 30E	82.0	188.9	2.385	23.10	63.3	S0312	.03150	8.8603	0.6	A
9001	18633.56	58 26N	92 17E	77.3	193.4	1.810	7.35	51.2	S0409	.05410	9.3591	0.4	F
9002	18636.36	58 26N	92 17E	76.5	192.3	1.810	7.70	51.2	S0409	.05410	9.5900	0.4	V
9003	18639.16	58 26N	92 17E	77.3	192.2	1.810	7.70	51.2	S0409	.05410	9.3736	0.4	A
9004	18682.16	55 58N	89 46E	79.4	191.3	1.810	-19.95	53.8	S0409	.07190	9.1024	0.4	F
9005	18684.96	55 58N	89 45E	78.2	191.3	1.810	-19.60	53.8	S0409	.07190	9.3591	0.6	V
9006	18687.76	55 58N	89 45E	79.1	191.2	1.810	-19.60	53.8	S0409	.07190	9.1634	1.6	A
9007	18706.96	53 47N	91 24E	93.0	190.8	1.810	33.95	55.6	S0409	.04030	7.7576	0.6	A
9008	18851.96	43 30N	87 20E	81.9	188.9	2.385	23.10	63.3	S0409	.05410	8.8343	0.5	A
9009	18856.76	43 30N	87 7E	77.0	188.8	2.385	15.05	63.5	S0409	.05410	9.4003	0.4	A
9010	18870.76	42 53N	87 13E	85.9	188.7	2.511	28.35	64.7	S0409	.04030	8.4767	1.0	F
9011	18873.96	42 42N	87 13E	86.2	188.7	2.511	28.70	64.7	S0409	.04030	8.6252	0.8	V
9012	18876.96	42 30N	87 12E	86.2	188.6	2.511	28.70	64.7	S0409	.04030	8.6443	0.8	A
9013	19255.36	15 59N	80 29E	77.7	186.7	3.439	-4.45	69.6	S0409	.05410	9.2381	0.6	F
9014	19260.96	15 30N	80 30E	77.7	186.7	3.439	-7.70	69.7	S0409	.05410	9.3896	0.5	A
9015	19288.36	13 47N	80 15E	77.2	186.6	3.439	-2.80	68.9	S0409	.07190	9.4795	0.6	V
9016	19291.16	13 47N	80 14E	78.2	186.6	3.439	-2.80	68.9	S0409	.05410	9.2486	0.6	A
9017	19305.36	12 59N	80 11E	78.2	186.6	3.439	-3.50	68.4	S0409	.05410	9.3508	0.8	V
9018	19308.36	12 59N	80 11E	79.3	186.5	3.439	-3.85	68.4	S0409	.05410	9.1934	0.6	A
1522 5001	23991.75	54 50N	69 13E	82.4	191.5	2.033	21.35	54.4	S0312	.03150	8.8396	1.6	F
5002	23995.55	54 50N	69 11E	81.7	191.2	2.033	21.70	54.4	S0312	.03150	8.9787	1.0	V
5003	24044.55	51 50N	66 20E	74.3	190.4	2.033	-19.25	56.9	S0312	.03150	9.2260	1.0	F
5004	24050.35	51 50N	66 20E	76.0	190.3	2.033	-18.55	56.9	S0312	.03150	9.3256	0.8	A
5005	24056.75	51 4N	65 42E	83.7	190.2	1.810	-29.75	57.2	S0312	.03150	8.7513	0.6	V
5006	24058.75	51 4N	65 42E	84.6	190.1	2.033	-29.75	57.2	S0312	.03150	8.5994	0.6	A
5007	24131.55	46 0N	64 3E	87.5	189.2	2.170	-33.95	61.0	S0312	.03150	8.3109	1.6	A
5008	24253.95	37 20N	62 5E	82.2	188.1	2.385	-29.75	66.8	S0312	.02250	8.9127	1.2	V
5009	24257.35	37 20N	62 5E	83.0	188.0	2.385	-29.40	66.8	S0312	.02250	8.7726	1.6	A
9001	23789.55	68 50N	75 51E	80.5	197.9	1.113	-15.05	41.5	S0409	.07190	9.0705	0.6	V
9002	23792.55	68 50N	75 52E	81.2	197.8	1.113	-14.70	41.5	S0409	.07190	8.9055	0.6	A
9003	23907.75	66 43N	71 28E	78.5	195.3	1.810	0.80	49.2	S0409	.07190	9.2189	1.0	F
9004	23913.55	66 43N	71 26E	78.5	195.1	1.687	10.50	49.2	S0409	.07190	9.2189	0.8	A
9005	23995.75	64 50N	69 11E	81.5	191.2	2.033	21.70	54.4	S0409	.07190	8.9797	0.6	V
9006	23998.75	64 50N	69 10E	82.5	191.1	2.033	21.70	54.4	S0409	.07190	8.7571	0.6	A
9007	24043.75	61 50N	66 21E	78.4	190.4	2.033	-19.25	56.8	S0409	.07190	9.2106	0.4	F
9008	24044.75	61 34N	66 20E	78.3	190.4	2.033	-19.25	56.9	S0409	.07190	9.2271	0.8	F
9009	24047.75	61 35N	66 19E	77.2	190.3	2.033	-18.90	56.9	S0409	.07190	9.4328	0.4	V
9010	24050.35	61 34N	66 20E	78.0	190.3	2.033	-18.55	56.9	S0409	.07190	9.3261	0.8	A
1523 5001	29241.75	58 50N	49 6E	85.6	192.5	1.810	24.85	51.0	S0312	.03150	8.4840	2.0	F
5002	29248.35	58 49N	49 5E	86.0	192.4	1.687	25.55	51.0	S0312	.03150	8.4263	1.4	A
5003	29266.95	57 0N	48 13E	84.8	192.0	2.033	24.15	52.5	S0312	.03150	8.5582	1.2	F
5004	29270.35	57 0N	48 12E	83.9	191.9	1.810	24.50	52.5	S0312	.03150	8.7478	0.8	V
5005	29274.55	56 40N	47 47E	81.9	191.8	2.033	19.95	52.9	S0312	.03150	8.8633	0.4	F
5006	29277.35	56 40N	47 46E	81.2	191.7	1.810	20.65	52.9	S0312	.03150	9.0364	1.0	V
5007	29342.55	52 4N	45 46E	79.8	190.5	2.170	17.85	56.8	S0312	.03150	9.1024	2.4	F
5008	29347.75	51 44N	45 34E	78.8	190.4	2.385	15.75	57.1	S0312	.03150	9.2096	0.6	F
5009	29350.55	51 44N	45 33E	77.9	190.4	2.170	16.10	57.1	S0312	.03150	9.4157	0.6	V
5010	29369.15	50 19N	45 15E	81.3	190.1	2.385	20.65	58.3	S0312	.03150	8.9375	2.4	F
5011	29374.35	50 17N	45 15E	81.8	190.0	2.170	21.70	58.3	S0312	.03150	8.8633	2.0	A
5012	30449.75	26 10S	27 46E	116.3	187.2	3.090	-32.90	36.4	S0312	.03150	6.2064	0.8	V
5013	30494.15	26 10S	27 45E	117.3	187.2	3.090	-32.20	36.4	S0312	.03150	6.1012	1.6	A
5014	30581.55	32 25S	27 56E	110.5	187.6	2.733	10.15	30.9	S0312	.04150	6.4475	2.6	F
9001	29104.75	68 9N	53 49E	78.9	197.5	1.332	-3.50	42.3	S0409	.07190	9.1529	0.8	F
9002	29107.75	68 8N	53 49E	77.9	197.4	1.332	-3.50	42.3	S0409	.07190	9.3920	0.6	V
9003	29110.55	68 8N	53 49E	78.7	197.2	1.332	-3.15	42.3	S0409	.07190	9.1941	0.6	A
9004	29115.75	67 56N	53 3E	78.3	197.0	1.332	-8.75	42.7	S0409	.07190	9.3426	0.6	V
9005	29118.55	67 55N	53 3E	79.1	196.8	1.332	-8.40	42.7	S0409	.07190	9.1529	0.6	A

Handle via
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BYE-8915/84

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4354 COMMAND INFORMATION

REV	FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1523	9006	29274.55	56 39N	47 47E	81.9	191.8	2.033	19.95	52.9	S0409	.07190	9.8643	0.4	F
	9007	29277.35	56 40N	47 48E	81.2	191.7	1.810	20.65	52.9	S0409	.07190	9.8575	0.6	V
	9008	29284.95	56 40N	46 6E	76.5	191.5	1.810	-14.35	53.1	S0409	.07190	9.5552	0.6	V
	9009	29289.75	56 40N	46 6E	77.3	191.5	2.033	-14.35	53.1	S0409	.07190	9.3358	0.6	A
	9010	29295.75	55 54N	46 26E	74.7	191.3	2.033	0.35	53.7	S0409	.07190	9.4126	0.6	V
	9011	29298.55	55 50N	46 26E	75.5	191.3	2.033	0.70	53.7	S0409	.07190	9.5900	0.4	A
	9012	29315.55	54 15N	45 18E	77.7	191.0	2.033	-16.90	54.7	S0409	.07190	9.4250	0.6	V
	9013	29318.35	54 10N	45 18E	78.4	190.9	2.033	-18.55	54.7	S0409	.07190	9.2519	0.6	A
	9014	29324.55	53 24N	45 19E	75.4	190.8	2.170	-7.35	55.5	S0409	.07190	9.5900	1.0	F
	9015	29329.75	53 7N	45 14E	75.3	190.7	2.170	-6.65	55.7	S0409	.07190	9.6064	0.6	F
	9016	29334.15	53 7N	45 14E	75.1	190.6	2.170	-6.30	55.7	S0409	.07190	9.6477	0.8	A
	9017	29347.75	51 49N	45 34E	79.8	190.4	2.385	15.75	57.1	S0409	.07190	9.2106	0.6	F
	9018	29350.55	51 45N	45 33E	77.9	190.4	2.170	16.10	57.1	S0409	.07190	9.4168	0.6	V
	9019	29353.35	51 44N	45 33E	78.9	190.3	2.170	16.45	57.1	S0409	.07190	9.1694	0.6	A
	9020	29354.75	51 30N	45 31E	78.9	190.3	2.170	16.45	57.2	S0409	.07190	9.1777	2.2	A
	9021	29369.15	50 14N	45 13E	81.3	190.1	2.385	20.65	58.4	S0409	.07190	8.9365	0.6	F
	9022	29374.95	50 14N	45 14E	81.7	190.0	2.170	21.70	58.4	S0409	.07190	8.8643	1.0	A
	9023	29388.55	48 57N	44 32E	78.0	189.8	2.511	14.35	59.3	S0409	.07190	9.3096	0.8	F
	9024	29394.15	48 57N	44 32E	78.1	189.7	2.385	15.05	59.4	S0409	.07190	9.2601	0.6	A
	9025	29396.35	48 40N	44 29E	78.1	189.7	2.385	15.05	59.5	S0409	.07190	9.2384	0.8	A
	9026	29399.55	48 30N	44 23E	77.7	189.7	2.385	14.35	59.6	S0409	.07190	9.3096	0.8	A
	9027	29402.95	47 40N	43 6E	76.6	189.6	2.385	-16.10	60.0	S0409	.07190	9.0445	1.0	F
	9028	29414.35	47 41N	43 6E	76.3	189.5	2.385	-15.40	60.0	S0409	.07190	9.5157	1.0	A
	9029	29402.75	41 54N	41 47E	74.2	188.6	2.733	-7.00	64.4	S0409	.07190	9.7349	0.6	F
	9030	29495.55	41 54N	41 47E	73.2	188.6	2.733	-6.65	64.4	S0409	.07190	10.0105	0.4	V
	9031	29498.15	41 54N	41 47E	74.0	188.5	2.733	-6.30	64.4	S0409	.07190	9.7761	0.4	A
	9032	29629.35	32 48N	38 59E	81.5	187.6	2.511	-28.05	69.1	S0409	.05410	8.9715	1.0	V
	9033	30081.55	1 48N	33 38E	84.4	186.4	3.574	-14.35	61.0	S0409	.04090	8.5545	1.0	A
	9034	30084.35	0 49S	33 15E	87.8	186.4	3.439	-21.35	59.9	S0409	.05410	8.1861	0.8	F
	9035	30097.35	0 30N	33 14E	86.7	186.4	3.439	-21.35	59.9	S0409	.05410	8.4025	0.6	V
	9036	30100.55	0 30N	33 13E	88.3	186.4	3.439	-22.05	59.9	S0409	.05410	8.1716	1.0	A
	9037	30477.15	25 40S	28 18E	107.7	187.1	3.211	-22.40	57.1	S0409	.05410	8.6049	0.6	F
	9038	30480.95	25 40S	28 18E	106.5	187.1	3.211	-22.05	57.1	S0409	.05410	8.7598	0.6	V
	9039	30484.75	26 12S	27 45E	117.2	187.2	3.090	-32.90	56.5	S0409	.05410	8.1514	0.6	V
	9040	30492.95	26 11S	27 46E	118.1	187.2	3.090	-32.20	56.5	S0409	.05410	8.0324	0.8	A
	9041	30544.15	29 47S	27 55E	105.1	187.4	3.211	-8.05	53.6	S0409	.07190	8.7163	1.0	A
	9042	30545.55	31 10S	27 51E	106.1	187.5	3.090	-1.05	52.3	S0409	.07190	8.6791	1.0	A
	9043	30582.55	32 00S	27 55E	110.6	187.6	2.733	10.15	50.8	S0409	.07190	8.4482	0.6	F
	9044	30580.75	32 00S	27 50E	110.5	187.7	2.733	8.75	50.8	S0409	.07190	8.3388	1.0	A
1524	9001	34207.35	80 41N	58 20E	83.8	223.7	0.417	-6.30	29.4	S0412	.05390	8.5912	1.5	F
	9002	34211.15	80 39N	58 6E	82.8	222.6	0.417	-6.30	29.4	S0412	.05390	8.8056	1.0	V
	9003	34594.35	55 59N	23 15E	85.4	191.5	1.475	-29.05	55.1	S0312	.03150	8.4420	1.6	F
	9004	34598.15	56 00N	23 14E	84.1	191.4	1.687	-29.05	55.1	S0312	.03150	8.6984	1.6	V
	9005	34649.95	51 57N	24 4E	86.9	190.5	2.170	28.00	57.0	S0312	.03150	8.3666	1.6	F
	9006	34653.75	51 54N	24 3E	86.2	190.4	2.170	28.35	57.1	S0312	.03150	8.5170	0.8	V
	9007	34736.55	46 10N	21 43E	80.0	189.3	2.511	19.25	61.6	S0312	.03150	8.8859	1.4	F
	9008	34739.15	46 7N	21 42E	79.2	189.3	2.511	19.60	61.6	S0312	.03150	8.7573	1.2	V
	9009	34799.95	42 04N	19 19E	79.4	188.7	2.385	-23.80	63.7	S0312	.03150	8.0941	1.6	F
	9010	34797.35	42 09N	19 18E	79.0	188.7	2.385	-23.10	63.7	S0312	.03150	8.2013	1.0	A
	9011	34954.15	31 19S	16 37E	82.2	187.5	2.733	-28.00	69.6	S0312	.04150	8.7308	2.2	F
	9001	34211.35	80 39N	58 1E	82.8	222.6	0.417	-6.30	29.4	S0409	.09670	8.4066	0.6	V
	9002	34214.35	80 38N	58 1E	83.7	221.8	0.417	-6.30	29.4	S0409	.09670	8.6252	0.6	A
	9003	34389.95	69 40N	33 8E	78.1	198.7	1.113	-4.90	40.7	S0409	.07190	9.1591	0.6	V
	9004	34392.95	69 44N	33 7E	78.9	198.6	1.113	-4.90	40.8	S0409	.07190	9.1612	0.4	A
	9005	34396.75	69 10N	32 39E	78.2	198.5	1.113	-5.60	41.2	S0409	.07190	9.3426	0.6	V
	9006	34399.55	69 14N	32 38E	79.1	198.2	1.113	-5.60	41.2	S0409	.07190	9.1447	0.6	A
	9007	34540.75	58 27N	24 29E	81.9	192.5	1.687	-24.85	51.0	S0409	.07190	8.9385	0.8	V
	9008	34543.75	58 27N	24 28E	82.5	192.2	1.687	-24.50	51.0	S0409	.07190	9.1401	0.6	A
	9009	34578.75	56 50N	24 13E	79.8	191.8	1.810	-17.50	52.3	S0409	.07190	9.1529	0.4	F
	9010	34581.55	57 0N	24 13E	77.8	191.8	1.810	-17.50	52.3	S0409	.07190	9.0365	0.6	V
	9011	34584.35	57 0N	24 13E	78.5	191.7	1.810	-17.15	52.3	S0409	.07190	9.2554	0.8	A
	9012	34606.15	55 16N	23 52E	75.0	191.3	2.033	-8.75	53.8	S0409	.07190	9.7551	0.6	V
	9013	34608.95	55 17N	23 52E	75.8	191.2	2.033	-8.40	53.9	S0409	.07190	9.5652	0.6	A
	9014	34662.35	51 16N	22 37E	74.7	190.3	2.335	-2.45	57.3	S0409	.07190	9.6889	0.6	F
	9015	34665.15	51 15N	22 37E	73.8	190.3	2.170	-2.10	57.3	S0409	.07190	9.9290	0.6	V
	9016	34667.95	51 15N	22 37E	74.6	190.2	2.385	-1.75	57.3	S0409	.07190	9.7196	0.6	A
	9017	34675.75	50 54N	22 3E	74.6	190.1	2.170	-11.20	57.8	S0409	.07190	9.8126	0.8	V
	9018	34678.55	50 54N	22 3E	75.4	190.1	2.385	-11.20	57.8	S0409	.07190	9.6147	0.4	A
	9019	34719.55	47 20N	20 46E	78.0	189.5	2.170	-19.95	60.2	S0409	.07190	9.2436	0.4	F
	9020	34722.35	47 20N	20 46E	76.9	189.5	2.170	-19.60	60.2	S0409	.07190	9.8157	0.4	V
	9021	34744.55	45 43N	21 54E	85.4	189.2	2.170	28.35	62.1	S0409	.05410	8.5674	0.4	V
	9022	34747.55	45 43N	21 54E	86.7	189.2	2.170	28.70	62.1	S0409	.05410	8.3201	1.0	A
	9023	34757.55	44 56N	20 27E	73.5	189.1	2.511	-8.05	62.2	S0409	.07190	9.9693	0.6	V
	9024	34760.35	44 57N	20 27E	74.3	189.0	2.511	-7.70	62.2	S0409	.07190	9.7551	0.4	A
	9025	34767.15	44 40N	20 2E	75.1	189.0	2.385	-15.75	62.5	S0409	.07190	9.7549	0.8	V
	9026	34771.15	43 51N	20 2E	74.9	188.9	2.385	-11.90	62.9	S0409	.07190	9.6559	0.4	F
	9027	34773.75	43 52N	20 2E	73.9	188.9	2.385	-11.55	62.9	S0409	.07190	9.9115	0.4	V
	9028	34778.95	43 10N	20 4E	73.5	188.8	2.514	-6.30	63.4	S0409	.04090	9.8291	1.0	F
	9029	34784.35	43 10N	20 4E	73.5	188.8	2.511	-6.30	63.4	S0409	.04090	9.8703	0.8	A
	9030	34792.95	42 40N	19 16E	79.5	188.7	2.385	-23.80	63.8	S0409	.04090	9.0787	1.0	F
	9031	34794.75	42 40N	19 16E	79.0	188.6	2.385	-23.10	63.8	S0409	.04090	9.1459	0.8	A
	9032	34806.95	41 44N	19 51E	74.4	188.6	2.733	3.85	64.9	S0409	.07190	9.7466	1.0	F
	9033	34812.15	41 44N	19 51E	74.5	188.5	2.733	4.90	64.9	S0409	.07190	9.7213	1.2	A
	9034	34821.75	40 41N	19 25E	73.9	188.4	2.733	-1.75	65.5	S0409	.09670	9.7361	0.8	F
	9035	34827.15	40 41N	19 25E	73.8	188.4	2.733	-1.05	65.5	S0409	.09670	9.8126	0.8	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1524 9036	34958.75	31 42N	16 33E	81.7	187.5	2.733	-28.70	69.7	S0409	.05410	8.9533	0.6	V
9037	35253.35	10 47N	13 44E	91.0	186.5	3.211	12.60	67.6	S0409	.05410	9.0210	1.0	V
9038	35273.95	9 42N	13 23E	90.5	186.5	3.211	6.40	66.7	S0409	.05410	9.0787	1.0	V
9039	35351.35	3 55N	11 32E	90.9	186.4	3.211	-28.35	62.3	S0409	.05410	7.8343	0.6	F
9040	35354.55	3 55N	11 31E	89.8	186.4	3.439	-28.35	62.3	S0409	.05410	8.1159	0.8	V
9041	35358.55	3 52N	11 32E	89.9	186.4	3.439	-27.30	62.3	S0409	.05410	8.0515	1.0	A
1525 9001	40059.75	44 55N	0 45W	80.3	189.1	2.511	19.95	62.5	S0409	.07190	9.0457	0.8	F
9002	40063.75	44 55N	0 45W	79.5	189.1	2.511	20.30	62.6	S0409	.07190	9.2271	0.6	V
9003	40068.35	44 54N	1 7W	76.0	189.0	2.511	12.95	62.7	S0409	.07190	9.6559	0.4	V
9004	40071.15	44 54N	1 7W	77.0	189.0	2.511	13.30	62.7	S0409	.07190	9.4065	0.4	A
9005	40225.95	34 5N	5 0W	83.2	187.7	2.733	-30.10	68.5	S0409	.05410	8.7241	0.8	A
9006	40528.75	13 41N	7 60W	82.1	186.6	3.211	13.65	68.7	S0409	.05410	8.8413	0.6	F
9007	40531.75	13 40N	7 60W	81.4	186.5	3.211	14.00	68.7	S0409	.05410	8.4797	0.6	V
1526 9001	45473.74	37 40N	25 40W	73.4	188.1	2.733	-9.80	66.9	S0409	.07190	9.9356	0.6	V
9002	45476.54	37 40N	25 40W	74.2	188.1	2.733	-9.45	66.9	S0409	.07190	9.7795	0.8	A
1527 5001	51356.34	1 54S	54 3W	109.5	186.4	2.170	36.05	59.1	S0312	.02260	5.5582	3.0	A
5002	51484.14	24 55S	58 14W	116.1	187.1	2.170	26.95	39.0	S0312	.03150	6.1012	3.0	A
5003	51844.14	35 29S	62 27W	117.8	187.9	2.872	-24.50	26.0	S0312	.03150	6.0147	2.0	F
5004	51849.94	35 54S	62 16W	113.7	187.9	2.872	-18.20	27.7	S0312	.04150	6.2414	1.6	F
5005	51854.74	36 10S	62 19W	113.6	187.9	2.872	-17.50	27.4	S0312	.04150	6.2496	1.6	F
5006	51863.74	36 40S	62 28W	115.7	188.0	3.090	-19.95	27.4	S0312	.04150	6.1424	1.2	A
5007	51867.54	36 55S	62 28W	115.1	188.0	3.090	-18.55	27.1	S0312	.04150	6.1572	1.4	A
5008	51872.54	37 20S	62 34W	114.1	188.1	2.872	-16.45	26.3	S0312	.04150	6.2249	1.4	F
5009	51877.54	37 9S	62 46W	117.7	188.1	3.090	-23.70	26.5	S0312	.04150	6.0352	1.2	A
5010	51882.34	38 0S	62 43W	114.3	188.1	2.872	-19.75	25.7	S0312	.04150	6.2084	1.6	F
5011	51891.94	38 49S	62 5W	112.9	188.2	2.733	3.50	25.3	S0312	.05390	6.3073	1.6	F
5012	51900.94	38 52S	62 6W	113.7	188.3	2.511	4.55	25.3	S0312	.05390	6.2166	2.0	A
5013	51951.34	42 7S	63 55W	119.6	188.7	2.872	-17.50	21.8	S0312	.04150	5.9116	3.0	A
9001	51246.34	5 52N	54 3W	81.1	186.4	3.439	-10.85	63.8	S0409	.05410	8.0045	1.0	V
9002	51530.34	14 10S	56 44W	98.9	186.6	3.090	17.15	48.1	S0409	.05410	7.2769	0.8	F
9003	51537.94	14 40S	56 57W	96.8	186.6	3.090	12.95	47.6	S0409	.05410	7.4295	0.6	F
9004	51544.54	14 44S	57 16W	93.8	186.6	3.439	2.10	47.5	S0409	.05410	7.6109	1.0	A
9005	51549.34	15 10S	57 19W	93.2	186.7	3.211	3.85	47.0	S0409	.07190	7.7754	1.0	V
9006	51557.14	16 0S	57 39W	94.0	186.7	3.439	-4.20	46.2	S0409	.05410	7.6357	1.0	F
9007	51561.34	16 15S	57 40W	94.4	186.7	3.439	-7.35	46.0	S0409	.05410	7.5044	0.8	F
9008	51564.34	16 30S	57 37W	93.7	186.7	3.211	1.05	45.8	S0409	.07190	7.7264	0.8	V
9009	51572.74	16 55S	57 44W	93.8	186.7	3.439	-1.05	45.5	S0409	.07190	7.7264	1.0	V
9010	51577.34	17 10S	57 41W	95.4	186.7	3.211	1.75	45.5	S0409	.05410	7.4707	1.0	A
9011	51585.54	17 40S	57 33W	97.5	186.7	3.090	11.20	44.9	S0409	.05410	7.4213	1.0	V
9012	51595.34	18 10S	57 9W	96.1	186.8	3.439	-7.00	44.3	S0409	.05410	7.4295	1.0	A
9013	51601.74	18 35S	57 54W	97.8	186.8	3.211	6.65	43.6	S0409	.05410	7.3388	1.0	F
9014	51606.54	18 55S	57 48W	99.2	186.8	3.211	9.40	43.8	S0409	.05410	7.1759	0.8	A
9015	51612.14	19 21S	58 1W	97.9	186.8	3.211	5.25	43.4	S0409	.05410	7.2728	1.0	A
9016	51621.54	19 55S	58 9W	98.4	186.8	3.211	4.90	42.8	S0409	.05410	7.2398	1.0	A
9017	51624.54	20 10S	58 10W	98.6	186.8	3.211	5.25	42.6	S0409	.05410	7.2234	1.0	A
9018	51630.34	21 4S	58 25W	98.1	186.9	3.211	1.75	41.8	S0409	.07190	7.3058	1.0	F
9019	51634.34	21 5S	58 30W	96.9	186.9	3.211	-0.70	41.7	S0409	.07190	7.4625	0.8	V
9020	51639.14	21 8S	58 47W	98.7	186.9	3.439	-9.10	41.6	S0409	.07190	7.2234	1.0	A
9021	51652.54	22 8S	57 56W	110.5	186.9	2.511	25.45	41.2	S0409	.05410	6.4236	0.8	A
9022	51657.14	22 30S	58 14W	106.4	186.9	2.733	18.20	40.3	S0409	.05410	6.7451	1.0	F
9023	51662.54	23 21S	58 13W	109.6	187.0	2.733	20.65	40.0	S0409	.05410	6.6049	1.0	F
9024	51666.74	23 30S	58 21W	107.2	187.0	2.733	18.55	39.7	S0409	.05410	6.6874	1.0	F
9025	51670.94	23 50S	58 29W	104.1	187.0	2.733	15.40	39.7	S0409	.05410	6.9347	1.0	V
9026	51676.34	24 10S	58 13W	111.0	187.0	2.733	22.40	39.2	S0409	.05410	6.4565	1.0	F
9027	51680.74	24 30S	58 15W	112.9	187.0	2.511	24.15	39.4	S0409	.05410	6.2751	1.0	A
9028	51683.54	24 45S	58 17W	113.0	187.0	2.511	24.15	39.2	S0409	.05410	6.2658	1.0	A
9029	51689.54	24 55S	58 15W	116.1	187.1	2.170	26.95	38.9	S0409	.05410	6.1019	1.0	A
9030	51700.74	25 10S	59 42W	102.7	187.1	3.439	-12.25	37.7	S0409	.07190	6.9347	1.0	A
9031	51785.94	31 30S	60 42W	106.1	187.5	3.090	-3.50	32.0	S0409	.07190	6.7203	0.6	F
9032	51789.74	31 50S	60 42W	105.1	187.5	3.090	-2.80	32.0	S0409	.07190	6.8440	0.6	V
9033	51793.74	31 50S	60 42W	106.7	187.6	3.090	-2.45	32.0	S0409	.07190	6.6461	0.6	A
9034	51859.34	36 30S	62 19W	112.8	188.0	2.872	-15.05	27.2	S0409	.07190	6.2914	1.0	F
9035	51896.94	38 30S	62 7W	112.9	188.2	2.733	2.10	25.5	S0409	.07190	6.2503	1.0	A
9036	51907.94	39 21S	62 5W	114.9	188.3	2.511	7.35	24.9	S0409	.07190	6.1431	0.8	A
1528 5001	56715.34	5 55S	76 54W	104.4	186.4	2.511	31.50	55.7	S0312	.02260	5.9669	1.8	V
9001	56479.14	10 40N	75 30W	81.8	186.5	3.439	-19.95	66.8	S0409	.05410	8.9585	0.8	V
9002	56482.14	10 40N	75 31W	82.7	186.5	3.439	-19.60	66.8	S0409	.05410	8.7489	0.8	A
9003	56570.74	4 7N	76 14W	80.6	186.4	3.439	-3.85	62.9	S0409	.04090	9.0540	0.6	V
9004	56575.74	3 55N	76 23W	81.8	186.4	3.439	-7.00	62.5	S0409	.05410	8.8231	1.0	F
9005	56580.14	3 42N	76 30W	81.5	186.4	3.439	-10.50	62.4	S0409	.05410	8.9550	1.0	V
9006	56583.34	3 29N	76 31W	82.7	186.4	3.439	-10.85	62.4	S0409	.05410	8.7189	0.6	A
9007	56691.74	4 25S	77 39W	86.4	186.4	3.439	-2.10	56.3	S0409	.05410	8.3366	0.6	F
9008	56697.94	4 25S	77 39W	86.8	186.4	3.439	-1.05	56.4	S0409	.05410	8.2706	0.6	A
9009	56720.54	5 1S	77 9W	101.1	186.5	2.511	27.30	55.5	S0409	.05410	7.0667	1.0	A
9010	56745.54	8 0S	77 6W	100.7	186.5	3.211	-31.15	52.8	S0409	.04090	7.0997	1.0	F
9011	56749.54	8 0S	77 2W	97.1	186.5	3.439	-28.35	52.8	S0409	.05410	7.4372	0.6	V
9012	56766.54	9 0S	78 31W	89.7	186.5	3.439	-3.15	52.4	S0409	.05410	7.9302	1.0	A
1529 5001	61393.13	37 0N	91 56W	73.5	188.1	2.872	-3.15	67.4	S0312	.04150	9.8527	2.0	F

Handle via
BYEMAN Channels
BYE-8915/84

Approved for Release: 2021/01/22 C05132886

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1529 5002	61398.73	37 4N	91 56W	73.6	188.0	2.872	-2.10	67.4	S0312	.04150	9.8609	2.4	A
9001	61394.13	37 1N	91 57W	73.5	185.0	2.872	-3.15	67.4	S0409	.05410	9.8538	0.6	F
9002	61399.33	37 1N	91 56W	73.5	188.0	2.872	-2.10	67.4	S0409	.05410	9.8621	0.6	A
1530 5001	65429.53	54 4ON	58 29E	107.3	346.9	-2.024	-19.95	-10.4	S0312	.29710	6.6556	2.2	A
5002	66745.73	33 59N	114 42W	74.0	187.7	3.090	0.70	69.2	S0312	.04150	9.7567	1.4	F
5003	66750.73	33 4ON	114 41W	74.2	187.7	2.872	2.10	69.2	S0312	.04150	9.7620	2.2	A
9001	66745.93	33 56N	114 42W	74.0	187.7	3.090	0.70	69.2	S0409	.05410	9.7379	0.6	F
9002	66751.13	33 59N	114 42W	74.1	187.7	2.872	2.10	69.2	S0409	.05410	9.7541	0.6	A
1532 5001	75970.93	51 17N	12 44E	118.9	349.8	-1.321	33.25	-12.8	S0312	.29710	6.9775	1.6	F
5002	75966.53	51 19N	13 21E	107.6	349.6	-2.024	23.10	-13.0	S0312	.29710	6.6701	0.6	A
5003	75980.33	51 24N	13 10E	106.0	349.6	-1.812	22.75	-12.5	S0312	.29710	6.9185	0.6	V
5004	75998.13	52 1ON	14 9E	99.7	349.5	-2.167	0.70	-12.5	S0312	.29710	7.1313	0.8	A
5005	76001.53	52 43N	14 1E	98.4	349.4	-2.167	-0.35	-12.0	S0312	.29710	7.1379	1.0	V
5006	76006.93	53 2N	13 23E	99.3	349.3	-2.024	10.15	-11.6	S0312	.29710	7.2802	0.4	V
5007	76011.53	53 4N	13 11E	101.5	349.2	-2.024	13.65	-11.5	S0312	.29710	7.0659	0.6	A
1534 5001	1212.12	58 54N	163 34E	81.4	192.3	1.475	-23.10	50.8	S0312	.04150	9.9787	0.8	V
5002	1215.12	58 54N	163 34E	82.2	192.2	1.687	-23.10	50.8	S0312	.04150	9.8220	0.4	A
9001	1205.72	58 59N	163 50E	80.8	192.5	1.475	-21.70	50.4	S0409	.09670	9.6540	0.4	V
9002	1209.52	59 0N	163 49E	81.7	192.4	1.687	-22.05	50.4	S0409	.09670	9.8726	0.4	A
9003	1212.12	58 54N	163 34E	81.4	192.3	1.475	-23.10	50.8	S0409	.09670	9.9797	0.4	V
9004	1215.12	58 54N	163 34E	82.1	192.2	1.687	-23.10	50.8	S0409	.09670	9.8231	0.4	A
9005	1242.52	56 10N	162 44E	80.4	191.6	1.687	-20.65	52.8	S0409	.05410	9.9715	0.6	F
9006	1245.32	56 10N	162 44E	79.3	191.5	1.687	-20.30	52.9	S0409	.05410	9.2434	0.6	V
9007	1249.32	56 17N	162 44E	79.9	191.5	1.687	-19.95	52.8	S0409	.05410	9.0787	0.6	A
1535 9001	6594.72	53 50N	141 2E	79.6	190.8	2.034	18.20	55.5	S0409	.05410	9.2106	0.4	V
9002	6597.72	53 49N	141 2E	80.6	190.3	2.034	14.35	55.5	S0409	.05410	8.9715	0.4	A
9003	6663.72	48 57N	140 2E	92.6	189.3	2.033	33.95	59.5	S0409	.04090	7.8006	0.8	A
9004	6725.12	44 47N	139 27E	83.6	189.0	2.178	-30.80	61.9	S0409	.05410	8.7571	0.4	V
9005	6729.12	44 47N	139 27E	84.3	189.0	2.385	-30.45	61.9	S0409	.05410	8.6169	0.4	A
1536 5001	11631.91	71 44N	129 1E	84.3	200.9	0.774	-17.85	38.7	S0312	.05390	8.5508	1.6	F
5002	11635.71	71 42N	128 56E	83.3	200.5	0.986	-18.20	38.7	S0312	.05390	8.7726	1.0	V
5003	11939.11	51 10N	115 40E	89.2	190.5	1.687	-34.65	56.9	S0312	.03150	8.0582	2.6	F
5004	11943.91	51 0N	115 58E	87.7	190.2	1.687	-34.30	57.0	S0312	.03150	8.3521	0.6	V
5005	12091.51	48 0ON	119 8E	86.4	188.5	2.511	29.05	65.7	S0312	.03150	8.4345	1.0	F
5006	12094.71	48 0ON	119 8E	85.7	188.4	2.511	29.40	65.7	S0312	.03150	8.5747	1.4	V
5007	12101.91	33 40N	114 54E	84.9	188.4	2.511	20.00	66.2	S0312	.03150	8.5912	2.2	F
5008	12124.51	38 20N	113 2E	77.9	188.2	2.511	-23.45	66.2	S0312	.03150	8.2736	1.4	F
5009	12130.31	38 0N	112 33E	86.9	188.2	2.170	-34.50	66.2	S0312	.03150	8.3109	1.4	F
5010	12133.71	38 2N	112 33E	85.4	188.1	2.385	-33.45	66.2	S0312	.03150	8.5664	1.0	V
5011	12136.91	38 2N	112 33E	86.6	188.1	2.385	-33.60	66.3	S0312	.03150	8.4345	1.2	A
5012	12140.11	37 40N	112 29E	86.5	188.1	2.385	-33.95	66.4	S0312	.03150	8.4180	1.8	A
5013	12213.51	39 0N	111 46E	77.1	187.8	2.872	-21.80	69.3	S0312	.03150	8.4981	2.4	V
9001	11635.91	71 40N	129 56E	83.3	200.5	0.986	-19.20	38.7	S0409	.09670	8.7736	0.6	V
9002	11638.91	71 40N	129 56E	84.1	200.4	0.986	-19.20	38.7	S0409	.09670	8.5922	0.6	A
9003	11779.51	61 49N	122 25E	78.1	193.7	1.687	6.65	48.0	S0409	.07190	8.2681	0.6	F
9004	11783.31	61 49N	122 25E	77.2	193.7	1.687	7.00	48.1	S0409	.07190	8.4328	0.6	V
9005	11785.11	61 49N	122 26E	78.1	193.6	1.687	7.35	48.1	S0409	.07190	8.2604	0.6	A
9006	11923.91	52 1ON	117 44E	74.1	190.5	2.170	-0.35	56.3	S0409	.07190	8.6468	0.4	V
9007	11926.71	52 1ON	117 44E	74.9	190.5	2.170	0.00	56.3	S0409	.07190	8.6642	0.4	A
9008	11949.31	50 2ON	116 21E	79.1	190.1	2.033	-21.35	57.6	S0409	.05410	8.1282	0.8	F
9009	11954.91	50 2ON	116 22E	78.6	190.0	2.170	-20.65	57.6	S0409	.05410	8.2394	1.0	A
9010	12085.71	40 59N	114 44E	76.4	188.5	2.733	13.30	65.1	S0409	.05410	8.4992	0.6	F
9011	12094.91	40 20N	115 8E	85.7	188.4	2.511	29.40	65.7	S0409	.05410	8.5757	0.6	V
9012	12098.11	40 20N	115 7E	87.0	188.4	2.511	29.75	65.8	S0409	.05410	8.4118	0.6	A
9013	12114.91	39 47N	114 28E	74.8	188.3	2.733	-16.45	65.7	S0409	.07190	8.4972	0.4	A
9014	12119.31	39 58N	113 32E	72.3	188.2	2.733	-10.15	66.1	S0409	.07190	10.1424	0.4	V
9015	12133.71	38 2N	112 33E	85.4	188.1	2.385	-33.95	66.2	S0409	.05410	8.5674	0.8	V
9016	12136.91	38 1N	112 33E	86.1	188.1	2.385	-33.60	66.3	S0409	.05410	8.4355	0.8	A
9017	12151.31	36 51N	113 10E	73.8	188.0	2.872	2.10	67.7	S0409	.07190	8.8126	0.6	F
9018	12156.71	36 51N	113 10E	73.9	188.0	2.872	5.15	67.8	S0409	.07190	8.7961	0.8	A
9019	12161.71	36 11N	113 9E	73.4	187.9	2.872	-3.15	67.8	S0409	.07190	8.8703	0.4	A
9020	12166.71	35 26N	112 59E	73.6	187.9	2.872	-0.70	68.3	S0409	.07190	8.8456	0.6	F
9021	12171.91	35 26N	112 58E	73.6	187.9	2.872	0.00	68.3	S0409	.07190	8.8456	0.8	A
9022	12178.71	34 41N	112 20E	76.5	187.8	2.733	-17.85	68.4	S0409	.05410	8.4415	0.8	F
9023	12184.31	34 41N	112 19E	76.3	187.8	2.872	-17.50	68.4	S0409	.05410	8.5240	0.4	A
9024	12191.31	33 59N	111 57E	80.0	187.7	2.733	-24.85	68.6	S0409	.05410	8.3210	0.4	F
9025	12194.11	33 59N	111 57E	78.6	187.7	2.733	-24.15	68.6	S0409	.05410	8.3096	0.4	V
9026	12197.11	33 49N	111 57E	79.4	187.7	2.733	-23.80	68.6	S0409	.05410	8.1447	0.4	A
9027	12206.11	33 7N	112 28E	74.1	187.6	3.090	0.70	69.4	S0409	.07190	8.7714	0.4	A
9028	12233.71	31 4N	111 41E	74.4	187.5	2.872	-12.60	70.0	S0409	.07190	8.8456	0.6	V
9029	12236.51	31 4N	111 41E	75.2	187.5	3.090	-12.60	70.0	S0409	.07190	8.6394	0.6	A
9030	12244.71	30 27N	112 5E	75.9	187.4	3.090	-8.75	70.6	S0409	.07190	8.5280	0.6	A
9031	12280.91	27 47N	111 16E	73.6	187.3	3.090	-2.45	71.1	S0409	.07190	8.9528	0.4	V
9032	12283.71	27 47N	111 16E	74.5	187.2	3.090	-2.10	71.1	S0409	.07190	8.7219	0.4	A

Handle via
BYEMAN Channels
BYE-8915/84

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4354 COMMAND INFORMATION

REV	FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1536	9033	12373.51	21 11N	110 17E	77.9	186.9	3.211	9.80	71.5	S0409	.05410	9.3096	0.4	F
	9034	12376.31	21 11N	110 17E	77.2	186.9	3.211	10.15	71.5	S0409	.05410	9.8310	0.4	V
	9035	12379.11	21 11N	110 17E	78.3	186.9	3.211	10.85	71.6	S0409	.05410	9.2189	0.6	A
	9036	12403.71	19 22N	109 10E	79.4	186.8	3.211	-21.35	70.5	S0409	.05410	9.2106	0.4	V
	9037	12406.71	19 22N	109 11E	80.1	186.8	3.211	-20.65	70.5	S0409	.05410	9.0457	0.4	A
	9038	12418.51	18 16N	109 45E	78.2	186.8	3.211	11.20	70.9	S0409	.05410	9.3591	0.4	V
	9039	12421.31	18 16N	109 45E	79.3	186.8	3.211	11.55	70.9	S0409	.05410	9.0952	0.6	A
	9040	12448.91	16 4N	108 13E	90.5	186.7	2.872	-33.95	69.1	S0409	.04090	7.9325	0.6	F
	9041	12452.11	16 3N	108 12E	89.3	186.7	3.090	-33.95	69.1	S0409	.04090	8.1381	0.6	V
	9042	12460.31	15 26N	108 43E	77.3	186.7	3.439	-10.85	69.5	S0409	.07190	9.0663	0.6	V
	9043	12463.31	15 26N	108 43E	78.1	186.6	3.439	-10.15	69.5	S0409	.05410	9.2801	0.4	A
1537	9001	17656.91	22 59N	88 28E	77.2	187.0	3.211	8.40	71.7	S0409	.05410	9.4006	1.2	F
	9002	17662.51	22 59N	88 28E	77.5	187.0	3.090	9.45	71.7	S0409	.05410	9.3178	1.0	A
	9003	18543.71	37 01S	77 33E	117.9	188.1	2.511	15.40	26.5	S0409	.07190	6.0559	0.4	F
	9004	18547.91	37 00S	77 33E	117.1	188.1	2.511	15.75	26.5	S0409	.07190	6.1266	0.6	V
	9005	18552.31	37 00S	77 33E	119.1	188.1	2.511	16.10	26.5	S0409	.07190	5.9205	0.6	A
1538	9001	22500.11	55 0N	73 29E	83.7	191.2	1.687	-26.95	53.7	S0312	.03150	8.6242	1.6	F
	9002	22503.91	54 60N	73 26E	82.7	191.2	1.687	-26.95	53.8	S0312	.03150	8.8550	1.2	V
	9003	22507.31	54 59N	73 25E	83.7	191.1	1.687	-26.95	53.8	S0312	.03150	8.6901	1.8	A
	9004	22684.31	43 40N	69 30E	84.0	183.7	2.170	-30.45	63.5	S0312	.02260	8.5747	1.8	F
	9005	22688.31	43 39N	69 29E	82.8	183.7	2.170	-30.10	63.5	S0312	.02260	8.8385	0.4	V
	9006	22699.91	43 40N	69 30E	81.9	183.6	2.385	-28.00	64.2	S0312	.03150	8.8056	1.6	F
	9007	22703.71	43 40N	69 19E	80.8	183.5	2.385	-27.65	64.3	S0312	.03150	9.0694	0.8	V
	9001	22396.11	62 40N	78 12E	77.2	193.3	1.687	1.40	47.5	S0409	.07190	9.3573	0.6	A
	9002	22408.51	61 11N	76 57E	78.2	193.4	1.687	-11.55	48.5	S0409	.07190	9.2271	0.4	F
	9003	22412.51	61 0N	76 56E	77.0	193.3	1.687	-10.85	48.6	S0409	.07190	9.4392	0.4	V
	9004	22415.71	61 4N	76 53E	77.6	193.2	1.687	-9.45	48.6	S0409	.07190	9.3426	0.4	A
	9005	22507.51	54 57N	73 24E	83.6	191.1	1.687	-26.95	53.8	S0409	.07190	8.6411	0.6	A
	9006	22574.51	49 52N	72 48E	74.9	190.0	2.385	3.15	56.3	S0409	.05410	9.6724	0.6	F
	9007	22577.31	49 52N	72 48E	74.0	190.0	2.385	3.50	56.3	S0409	.05410	9.9063	0.6	V
	9008	22580.91	49 52N	72 49E	75.1	189.9	2.385	5.25	56.4	S0409	.07190	9.6394	0.6	A
	9009	22616.51	46 59N	72 31E	81.0	189.4	2.385	22.05	60.8	S0409	.05410	9.0540	0.8	V
	9010	22624.11	46 58N	72 28E	84.3	189.3	2.385	25.55	61.4	S0409	.05410	8.6252	0.4	F
	9011	22627.11	46 58N	72 28E	83.5	189.3	2.385	25.90	61.4	S0409	.05410	8.7918	0.4	V
	9012	22631.71	46 58N	72 29E	86.0	189.3	2.170	29.05	61.7	S0409	.05410	8.5427	1.0	V
	9013	22634.91	46 58N	72 29E	87.3	189.2	2.170	29.40	61.7	S0409	.05410	8.2371	0.8	A
	9014	22672.71	43 25N	70 10E	75.8	188.9	2.511	-18.55	63.0	S0409	.07190	9.6559	0.4	V
	9015	22677.51	43 25N	70 24E	74.2	188.9	2.733	-9.45	63.2	S0409	.07190	9.7714	0.6	A
	9016	22688.31	42 40N	69 29E	82.8	188.7	2.170	-30.10	63.5	S0409	.05410	8.8596	0.4	V
	9017	22691.31	42 40N	69 29E	83.5	188.6	2.385	-30.10	63.5	S0409	.05410	8.6994	0.8	A
	9018	22703.71	41 59N	69 19E	80.8	188.5	2.385	-27.65	64.3	S0409	.05410	9.0705	0.6	V
	9019	22706.71	41 59N	69 19E	81.5	188.5	2.385	-27.30	64.3	S0409	.05410	8.9228	0.4	A
	9020	22712.51	40 52N	69 33E	76.1	188.4	2.733	-17.15	64.8	S0409	.07190	9.5405	0.6	A
	9021	22718.11	40 10N	69 42E	73.1	188.4	2.733	-7.35	65.3	S0409	.05410	10.0187	0.6	V
	9022	22720.91	40 10N	69 41E	73.9	188.4	2.733	-7.00	65.3	S0409	.05410	9.8043	0.4	A
	9023	22744.11	38 10N	69 14E	72.9	188.2	2.872	-7.00	66.5	S0409	.07190	9.9280	0.4	F
	9024	22746.71	38 10N	69 14E	72.0	188.2	2.872	-6.65	66.6	S0409	.07190	10.1457	0.6	V
	9025	22938.31	24 52N	66 48E	77.7	187.1	3.211	11.20	71.7	S0409	.05410	9.3426	0.6	F
	9026	22941.11	24 52N	66 47E	76.9	187.1	3.211	11.55	71.7	S0409	.05410	9.5240	0.6	V
1539	9001	27710.91	61 25N	56 39E	84.6	193.3	1.810	22.40	48.5	S0312	.03150	8.5747	2.0	F
	9002	27717.31	61 24N	56 38E	84.9	193.4	1.687	23.10	48.5	S0312	.03150	8.5252	2.2	A
	9003	27834.31	53 10N	50 21E	89.8	190.3	1.475	-34.30	55.1	S0312	.03150	8.0058	1.6	F
	9004	27838.11	53 10N	50 20E	88.5	190.7	1.687	-34.30	55.1	S0312	.03150	8.2614	1.0	V
	9005	27843.51	53 0N	50 30E	94.9	190.6	1.810	-29.40	55.3	S0312	.03150	8.5500	1.6	A
	9006	28161.30	30 52N	46 28E	87.7	187.5	2.511	30.10	70.9	S0312	.03150	8.3666	1.8	V
	9007	28165.30	30 49N	46 27E	89.2	187.5	2.511	30.45	70.9	S0312	.03150	8.1130	1.4	A
	9008	28719.70	7 49S	39 41E	114.1	186.3	2.511	35.70	54.3	S0312	.02260	8.3403	2.2	F
	9009	28897.10	19 40S	34 56E	126.6	186.8	2.872	-42.00	42.3	S0312	.02260	8.6065	2.0	F
	9010	28902.10	19 47S	34 52E	126.8	186.8	2.872	-42.70	42.3	S0312	.02260	8.6089	1.8	V
	9011	28906.70	19 46S	34 52E	127.8	186.8	3.090	-42.35	42.3	S0312	.02260	8.6250	2.0	A
	9012	28984.10	24 53S	33 40E	136.1	187.1	3.090	-43.75	37.5	S0312	.02260	8.2602	2.0	A
	9001	27586.71	69 47N	61 36E	79.6	198.9	1.113	-3.85	40.5	S0409	.07190	9.0622	0.6	F
	9002	27589.71	69 47N	61 35E	78.6	198.8	1.113	-3.85	40.5	S0409	.07190	9.3013	0.6	V
	9003	27592.51	69 47N	61 36E	79.4	198.8	1.113	-3.50	40.5	S0409	.07190	9.1117	0.6	A
	9004	27656.31	65 14N	57 14E	79.2	195.5	1.332	-11.20	44.8	S0409	.07190	9.1034	0.6	F
	9005	27659.11	65 14N	57 17E	78.2	195.4	1.332	-11.20	44.8	S0409	.07190	9.3508	0.6	V
	9006	27662.11	65 14N	57 17E	79.0	195.5	1.332	-10.85	44.8	S0409	.07190	9.1694	0.6	A
	9007	27711.71	61 19N	56 37E	84.7	193.6	1.810	22.40	48.6	S0409	.07190	8.5757	0.6	F
	9008	27717.91	61 19N	56 36E	84.9	193.4	1.687	23.10	48.6	S0409	.07190	8.5262	0.6	A
	9009	27765.71	57 55N	53 14E	77.2	192.1	1.810	-11.20	51.4	S0409	.07190	9.3591	0.6	F
	9010	27769.51	57 55N	53 14E	76.1	192.1	1.810	-10.85	51.4	S0409	.07190	9.6147	0.6	V
	9011	27771.31	57 55N	53 13E	76.9	192.0	2.033	-10.85	51.4	S0409	.07190	9.4250	0.6	A
	9012	27779.91	56 55N	53 11E	75.9	191.8	2.033	-1.75	52.4	S0409	.07190	9.5157	0.4	F
	9013	27782.71	56 55N	53 10E	75.0	191.8	2.033	-1.75	52.4	S0409	.07190	9.7651	0.4	V
	9014	27785.51	56 54N	53 10E	75.8	191.7	2.033	-1.40	52.4	S0409	.07190	9.5570	0.4	A
	9015	27834.91	53 10N	50 20E	89.9	190.4	1.475	-34.30	55.1	S0409	.05410	8.0067	1.0	F
	9016	27838.11	53 10N	50 20E	88.6	190.7	1.687	-34.30	55.1	S0409	.05410	8.2623	1.0	V
	9017	27899.91	49 5N	49 31E	78.4	189.6	2.170	-22.05	58.7	S0409	.07190	9.3261	0.6	V
	9018	27901.71	49 5N	49 31E	79.1	189.7	2.170	-21.70	58.7	S0409	.07190	9.1612	0.6	A
	9019	27985.90	42 54N	47 40E	81.1	188.6	2.170	-25.90	63.2	S0409	.07190	8.8890	0.6	F

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IM/SEC	BURST TIME SEC	MIRROR
1539 9020	27991.71	42 54N	47 40E	80.6	188.7	2.385	-25.55	63.2	S0409	.07190	9.0045	0.6	A
9021	28014.51	40 50N	47 40E	73.8	188.5	2.734	-5.25	64.9	S0409	.07190	9.6126	0.6	F
9022	28019.71	40 34N	47 44E	73.7	188.5	2.733	-4.55	64.9	S0409	.07190	9.6373	0.6	A
9023	28026.70	40 0N	47 14E	76.7	188.4	2.511	-17.85	65.3	S0409	.04090	9.4085	1.0	F
9024	28037.50	39 36N	47 53E	75.6	188.3	2.733	9.45	65.9	S0409	.07190	9.5652	0.6	A
9025	28046.51	39 16N	48 16E	83.9	188.2	2.385	28.35	66.8	S0409	.05410	8.7406	0.6	V
9026	28092.50	35 03N	46 12E	75.6	187.9	2.733	-16.80	67.9	S0409	.07190	9.5570	0.6	F
9027	28095.31	35 03N	46 12E	74.6	187.9	2.733	-16.45	67.9	S0409	.07190	9.6209	0.6	V
9028	28112.50	34 22N	45 59E	74.8	187.8	2.872	-14.70	68.5	S0409	.07190	9.7479	0.6	V
9029	28115.31	34 21N	45 59E	75.6	187.7	2.872	-14.35	68.6	S0409	.07190	9.5900	0.6	A
9030	28349.10	18 16N	42 40E	78.9	185.7	3.211	-19.25	70.3	S0409	.05410	9.1777	0.8	A
9031	28585.10	1 46S	40 6E	82.6	186.4	3.439	-4.90	61.3	S0409	.05410	8.8241	1.0	V
9032	28614.30	0 03S	39 46E	84.6	186.4	3.439	-2.80	59.5	S0409	.05410	8.5180	1.0	F
9033	28651.90	2 25S	40 13E	100.3	186.4	2.734	28.70	58.2	S0409	.05410	7.2441	0.6	V
9034	28655.70	2 25S	40 13E	102.2	186.4	2.511	29.40	58.2	S0409	.05410	6.9425	0.4	A
9035	28680.90	5 0S	39 4E	87.6	186.4	3.439	1.75	56.0	S0409	.07190	8.2211	0.4	F
9036	28684.10	5 0S	39 6E	86.8	186.4	3.439	2.10	56.0	S0409	.07190	8.3778	0.4	V
9037	28687.50	5 0S	39 5E	84.0	186.4	3.439	2.10	56.0	S0409	.05410	8.1367	0.8	A
9038	28690.30	5 00S	39 4E	88.2	186.4	3.439	2.45	55.8	S0409	.05410	8.1222	1.0	A
9039	28697.30	10 47S	34 56E	126.7	186.3	2.872	-42.00	42.3	S0409	.04090	5.6071	0.6	F
1540 9001	32916.30	68 3N	39 35E	85.2	197.7	1.475	20.30	42.2	S0812	.04150	8.4840	1.6	F
9002	32920.10	68 0N	39 31E	84.1	197.5	1.475	20.30	42.2	S0812	.04150	8.6301	1.2	V
9003	32955.90	66 4N	34 45E	85.9	196.8	1.113	-26.95	44.9	S0812	.04150	8.5095	1.6	V
9004	32959.70	66 1N	34 43E	86.7	196.7	1.332	-26.95	44.0	S0812	.04150	8.3686	1.6	A
9005	33013.10	61 47N	34 28E	81.4	193.8	1.810	16.80	48.1	S0812	.04150	8.0941	0.8	F
9006	33015.90	61 47N	34 28E	80.6	193.7	1.810	17.15	48.1	S0812	.04150	8.0941	0.6	V
9007	33077.50	57 36N	32 37E	84.8	192.8	1.810	25.55	51.9	S0812	.03150	8.6489	1.2	V
9008	33079.50	57 23N	32 33E	84.7	192.8	1.810	25.55	52.0	S0812	.03150	8.6571	0.4	V
9009	33082.50	57 23N	32 33E	85.7	191.9	1.810	25.55	52.0	S0812	.03150	8.4593	0.4	A
9010	33091.10	56 40N	32 20E	87.2	191.7	1.810	28.70	52.8	S0812	.03150	8.4098	0.4	U
9011	33094.30	56 40N	32 20E	88.6	191.7	1.810	29.05	52.8	S0812	.03150	8.1707	0.8	A
9012	33212.10	48 42N	28 52E	82.5	189.7	2.170	23.10	58.5	S0812	.03150	8.7291	1.6	A
9013	33297.70	42 39N	26 56E	79.6	188.7	2.511	20.65	64.0	S0812	.03150	8.2178	1.6	V
9001	32920.30	68 3N	39 35E	84.1	197.5	1.475	20.30	42.2	S0409	.07190	8.6311	0.6	V
9002	32923.50	68 0N	39 30E	85.2	197.5	1.475	20.65	42.2	S0409	.07190	8.4585	0.4	A
9003	32969.10	64 07N	34 16E	83.8	195.3	1.113	-22.75	45.0	S0409	.05410	8.5359	0.6	F
9004	32972.10	64 07N	34 18E	82.6	195.2	1.332	-22.75	45.0	S0409	.05410	8.8478	0.4	V
9005	32975.10	64 07N	34 17E	83.5	195.1	1.332	-22.75	45.0	S0409	.05410	8.6796	0.4	A
9006	33015.90	61 47N	34 28E	80.6	193.7	1.810	17.15	48.1	S0409	.07190	8.0952	0.6	V
9007	33018.90	61 47N	34 28E	81.6	193.6	1.810	17.50	48.1	S0409	.07190	8.1643	0.6	A
9008	33040.10	60 59N	32 19E	77.1	193.0	1.810	-8.05	49.5	S0409	.07190	8.3673	0.4	F
9009	33042.70	60 59N	32 20E	76.1	192.9	1.810	-7.70	49.4	S0409	.07190	8.4229	0.6	V
9010	33045.50	60 59N	32 20E	76.8	192.8	1.810	-7.35	49.4	S0409	.07190	8.4250	0.6	A
9011	33061.90	58 59N	31 24E	77.7	192.4	1.810	-12.95	50.7	S0409	.07190	8.2766	0.8	F
9012	33067.50	58 59N	31 24E	77.4	192.3	1.810	-12.25	50.7	S0409	.07190	8.3591	0.8	A
9013	33090.90	54 41N	30 20E	87.2	191.7	1.810	28.70	52.8	S0409	.07190	8.4108	1.0	V
9014	33094.10	54 41N	30 20E	88.5	191.7	1.810	29.05	52.8	S0409	.05410	8.1716	0.6	A
9015	33111.10	55 16N	30 15E	75.6	191.3	2.033	-5.25	53.7	S0409	.07190	8.5570	1.0	F
9016	33116.70	55 17N	30 16E	75.4	191.2	2.170	-4.55	53.7	S0409	.07190	8.6064	0.6	A
9017	33127.90	55 25N	30 19E	75.6	191.1	2.170	2.80	54.5	S0409	.07190	8.5552	0.6	F
9018	33129.30	54 24N	30 13E	75.6	191.0	2.170	3.50	54.5	S0409	.07190	8.5817	0.6	A
9019	33134.70	53 60N	30 20E	77.2	190.9	2.170	10.85	54.9	S0409	.07190	8.3758	0.4	A
9020	33143.50	53 24N	29 49E	79.4	190.7	2.033	-22.75	55.2	S0409	.07190	8.2189	0.6	V
9021	33146.50	53 60N	29 46E	80.1	190.7	2.033	-22.40	55.2	S0409	.07190	8.0546	0.6	A
9022	33164.10	52 0N	29 7E	75.0	190.5	2.170	-3.15	56.4	S0409	.07190	8.6477	0.4	F
9023	33163.50	52 0N	29 7E	74.3	190.4	2.170	-2.45	56.4	S0409	.07190	8.6307	0.4	A
9024	33164.50	51 49N	29 13E	75.3	190.3	2.170	4.20	56.4	S0409	.07190	8.6229	0.4	A
9025	33176.10	51 7N	28 42E	74.0	190.2	2.170	-4.90	57.2	S0409	.07190	8.9033	0.4	V
9026	33177.70	51 0N	28 42E	74.8	190.2	2.385	-4.90	57.2	S0409	.07190	8.6389	0.4	A
9027	33180.10	50 50N	28 39E	74.7	190.2	2.385	-4.55	57.3	S0409	.07190	8.6372	0.6	A
9028	33184.10	50 40N	28 37E	74.7	190.1	2.385	0.00	57.9	S0409	.07190	8.6307	0.6	F
9029	33189.50	49 50N	28 15E	74.9	190.0	2.385	-7.35	58.1	S0409	.07190	8.6559	0.6	F
9030	33192.30	49 37N	28 14E	75.9	190.0	2.385	-7.00	58.1	S0409	.07190	8.9115	0.6	V
9031	33199.30	49 26N	28 31E	74.5	189.9	2.385	6.30	58.7	S0409	.07190	8.6373	0.6	V
9032	33202.10	49 26N	28 31E	75.4	189.8	2.385	6.65	58.7	S0409	.07190	8.6064	0.6	A
9033	33206.90	49 50N	28 37E	76.9	189.8	2.385	14.35	59.2	S0409	.07190	8.5522	1.0	V
9034	33219.70	47 54N	28 13E	76.9	189.6	2.385	11.90	60.0	S0409	.07190	8.4333	1.0	F
9035	33224.30	47 50N	28 13E	77.0	189.5	2.385	12.60	60.0	S0409	.07190	8.3920	0.8	A
9036	33239.90	46 50N	26 55E	76.2	189.4	2.385	-15.40	60.7	S0409	.07190	8.4328	0.8	F
9037	33245.30	46 50N	26 55E	75.9	189.3	2.385	-14.70	60.7	S0409	.07190	8.5570	0.8	A
9038	33265.10	45 4N	26 26E	75.5	189.1	2.385	-16.45	61.9	S0409	.07190	8.7354	0.4	V
9039	33267.90	45 1N	26 26E	76.3	189.0	2.385	-16.10	61.9	S0409	.07190	8.5157	0.4	A
9040	33274.90	44 52N	26 16E	76.7	189.0	2.511	-17.50	62.2	S0409	.07190	8.4580	0.6	A
9041	33286.90	43 24N	27 31E	87.6	188.8	2.170	30.80	63.7	S0409	.04090	8.3860	1.0	V
9042	33290.10	43 24N	27 31E	88.9	188.8	2.170	31.15	63.7	S0409	.04090	8.1304	1.0	A
9043	33305.10	42 1N	26 20E	74.6	188.7	2.733	6.65	64.3	S0409	.07190	8.7219	0.4	F
9044	33307.90	42 0N	26 20E	73.8	188.6	2.733	7.00	64.3	S0409	.07190	8.9363	0.4	V
9045	33310.50	42 0N	26 20E	74.7	188.6	2.733	7.35	64.3	S0409	.07190	8.6889	0.4	A
9046	33321.30	41 9N	26 25E	75.3	188.5	2.511	-16.45	64.6	S0409	.07190	8.7301	0.6	V
9047	33320.10	41 9N	26 25E	76.0	188.5	2.733	-16.10	64.6	S0409	.07190	8.5487	0.6	A
9048	33449.10	33 0N	23 51E	74.6	187.5	3.090	2.45	69.8	S0409	.04090	8.7219	1.0	F
9049	33454.50	32 0N	23 51E	74.7	187.5	2.872	3.85	69.9	S0409	.04090	8.6307	0.8	A
9050	33807.30	1 59N	18 4E	83.7	186.4	3.439	-0.35	61.3	S0409	.05410	8.5922	1.0	A
9051	34244.30	22 47S	15 3E	123.5	186.9	2.033	34.65	41.2	S0409	.05410	8.8380	0.4	V
9052	34248.90	22 47S	15 3E	126.2	187.0	1.810	35.35	41.2	S0409	.05410	8.6154	0.4	A

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4354 COMMAND INFORMATION

REV	FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1541	5001	38500.90	49 40N	7 13E	83.1	190.0	2.170	25.20	58.6	S0312	.03150	8.8303	1.8	V
	5002	38504.90	49 39N	7 11E	84.4	189.9	2.170	25.55	58.7	S0312	.03150	8.5912	1.2	A
	5003	38531.10	47 59N	4 54E	78.8	189.5	2.170	-21.70	59.8	S0312	.03150	9.1601	1.8	F
	5004	38536.70	47 59N	4 54E	78.5	189.5	2.385	-21.35	59.8	S0312	.03150	9.2590	2.6	A
	9001	38464.30	52 42N	6 43E	75.6	190.5	2.170	-13.65	56.1	S0409	.07190	9.6889	0.6	V
	9002	38467.10	52 42N	6 43E	76.3	190.5	2.170	-13.30	56.1	S0409	.07190	9.4992	0.6	A
	9003	38501.90	49 39N	7 11E	83.1	189.9	2.170	25.20	58.7	S0409	.07190	8.8313	0.6	V
	9004	38504.90	49 39N	7 11E	84.3	189.9	2.170	25.55	58.7	S0409	.05410	8.5922	0.6	A
	9005	38531.50	47 59N	4 53E	78.8	189.5	2.170	-21.70	59.8	S0409	.07190	9.1612	1.0	F
	9006	38537.30	47 58N	4 53E	78.5	189.5	2.385	-21.35	59.8	S0409	.07190	9.2601	0.8	F
	9007	38556.30	46 48N	5 30E	77.1	189.2	2.511	12.95	61.6	S0409	.07190	9.4085	1.0	F
	9008	38561.90	46 48N	5 29E	77.2	189.2	2.385	13.65	61.6	S0409	.07190	9.3673	1.0	A
	9009	38577.70	44 25N	4 45E	74.4	189.0	2.511	2.45	62.5	S0409	.07190	9.7584	1.0	F
	9010	38583.10	44 22N	4 44E	74.4	189.0	2.511	3.15	62.6	S0409	.07190	9.7384	1.0	A
	9011	38591.30	43 59N	4 58E	77.7	188.9	2.511	16.80	63.3	S0409	.04090	9.4498	0.6	V
	9012	38594.10	43 59N	4 58E	78.7	188.8	2.511	17.15	63.3	S0409	.04090	9.1941	0.8	A
	9013	38647.90	36 48N	2 56E	75.2	188.0	2.872	7.70	67.6	S0409	.04090	9.6177	0.6	F
	9014	38693.30	36 48N	2 55E	75.4	188.0	2.733	6.75	67.6	S0409	.04090	9.5300	0.6	A
	9015	38703.50	35 54N	2 46E	74.6	187.9	2.872	9.45	68.2	S0409	.07190	9.8473	0.6	V
	9016	38706.30	35 54N	2 45E	75.5	187.9	2.872	9.80	68.2	S0409	.07190	9.5417	0.6	A
	9017	39093.70	9 17N	3 2W	81.1	186.5	3.439	-13.30	66.3	S0409	.05410	8.8973	1.0	A
	9018	39110.90	9 9N	2 45W	82.0	186.5	3.211	7.70	65.9	S0409	.05410	8.7818	1.0	A
1542	5001	44291.70	16 14N	22 53W	89.1	186.7	2.872	26.60	70.7	S0312	.03150	8.1542	2.0	F
	9001	44286.90	16 48N	22 57W	83.9	186.7	2.872	21.35	70.7	S0409	.05410	8.7241	1.2	V
	9002	44310.10	15 11N	23 12W	85.2	186.7	2.872	22.40	70.1	S0409	.05410	8.5922	1.2	V
1543	5001	50062.29	15 05S	50 8W	118.5	186.7	2.385	34.65	47.3	S0312	.02250	6.0765	2.6	F
	9001	49834.09	0 12S	49 45W	108.3	186.4	2.872	-41.30	59.9	S0409	.04090	8.5467	1.0	F
	9002	49853.09	1 20S	48 28W	87.6	186.4	3.211	10.85	59.2	S0409	.07190	8.2459	1.0	F
	9003	49856.69	1 22S	48 28W	86.9	186.4	3.211	11.20	59.2	S0409	.07190	8.3560	0.8	V
	9004	49859.49	1 20S	48 28W	88.2	186.4	3.211	11.55	59.2	S0409	.07190	8.1504	1.0	A
	9005	49867.49	1 05S	49 10W	86.6	186.4	3.574	-12.60	58.4	S0409	.05410	8.3118	1.0	A
	9006	49873.29	2 11S	49 28W	90.2	186.4	3.574	-21.70	57.9	S0409	.05410	7.9902	1.0	F
	9007	49882.09	2 47S	49 40W	92.7	186.4	3.574	-25.20	57.4	S0409	.05410	7.7341	1.0	A
	9008	50115.89	18 40S	52 31W	102.0	186.3	3.574	-22.40	43.7	S0409	.05410	7.0254	1.0	A
	9009	50144.89	21 23S	51 36W	104.5	186.9	2.733	-22.05	42.0	S0409	.05410	6.8214	1.2	F
	9010	50158.89	22 11S	53 20W	107.9	186.9	3.211	-26.60	40.5	S0409	.05410	6.6141	0.8	F
	9011	50164.89	22 08S	52 57W	100.5	186.9	3.439	-12.95	40.3	S0409	.07190	7.1079	1.0	F
	9012	50169.29	22 26S	52 52W	100.3	187.0	3.439	-10.85	40.5	S0409	.07190	7.1079	1.0	A
	9013	50181.49	23 06S	52 21W	104.2	187.0	2.872	13.30	39.6	S0409	.05410	6.8496	0.8	F
	9014	50189.29	24 12S	51 42W	121.1	187.0	2.170	32.20	39.6	S0409	.05410	5.9452	0.6	V
	9015	50202.49	24 06S	53 41W	106.7	187.1	3.439	-22.05	38.3	S0409	.05410	6.6791	1.2	A
	9016	50350.69	34 03S	56 12W	118.6	187.3	2.872	-26.60	28.7	S0409	.07190	5.8024	0.4	U
	9017	50355.09	34 03S	56 12W	120.2	187.9	3.090	-26.60	28.7	S0409	.07190	5.9122	0.6	A
	9018	50367.69	34 19S	56 44W	125.3	187.9	2.733	-30.45	27.3	S0409	.05410	5.6366	1.0	F
	9019	50374.89	34 30S	56 44W	122.6	188.0	2.872	-29.05	27.1	S0409	.05410	5.8045	1.0	V
	9020	50379.69	34 38S	56 57W	126.7	188.0	2.872	-31.15	26.5	S0409	.05410	5.5324	1.0	F
	9021	50382.89	34 42S	56 54W	123.9	188.0	2.872	-29.75	26.6	S0409	.05410	5.7085	1.0	U
	9022	50388.69	34 50S	57 25W	134.5	188.1	2.733	-36.05	25.8	S0409	.05410	5.2602	0.4	F
	9023	50393.49	34 56S	57 25W	132.8	188.1	2.733	-35.70	25.8	S0409	.05410	5.4192	0.6	V
	9024	50397.49	35 01S	57 38W	137.1	188.2	2.733	-38.15	25.5	S0409	.05410	5.2361	0.6	V
	9025	50401.69	35 06S	57 34W	136.7	188.2	3.090	-37.10	25.5	S0409	.05410	5.2081	0.8	A
1544	9001	55047.49	6 42N	69 48W	81.7	186.4	3.439	-3.50	63.9	S0409	.05410	8.8251	1.0	A
	9002	55077.69	4 39N	69 43W	83.0	186.4	3.439	5.25	63.6	S0409	.05410	8.6664	0.8	A
	9003	55123.29	1 10N	70 14W	84.0	186.4	3.211	7.35	61.2	S0409	.05410	8.6746	1.2	V
	9004	55154.29	1 13S	69 43W	111.2	186.4	2.170	34.15	59.9	S0409	.04090	6.5554	1.0	V
	9005	55301.09	10 48S	73 18W	99.2	186.5	3.439	-24.35	50.6	S0409	.05410	7.3223	1.0	V
	9006	55308.69	11 05S	73 2W	93.7	186.5	3.574	-16.80	50.6	S0409	.05410	7.6521	0.8	A
	9007	55330.09	12 06S	73 43W	106.0	186.6	3.439	-32.90	49.1	S0409	.04090	6.7761	1.0	A
	9008	55342.49	13 41S	73 21W	91.1	186.6	3.439	-12.60	48.4	S0409	.04090	7.9656	1.0	V
	9009	55364.89	15 24S	74 45W	123.2	186.6	2.872	-42.70	46.3	S0409	.05410	5.7721	1.4	F
1545	5001	59651.09	54 60N	83 1E	131.1	348.5	-1.321	40.95	-9.2	S0312	.29710	5.4993	2.0	A
	5002	59664.89	56 02N	84 54E	98.3	348.4	-1.812	1.05	-8.5	S0312	.29710	7.3544	2.4	V
	9001	59821.08	43 2N	83 38W	77.2	188.8	2.511	16.45	63.7	S0409	.07190	9.5975	0.6	V
	9002	59969.68	39 53N	86 3W	86.2	188.3	2.170	-34.30	65.0	S0409	.07190	8.4767	3.0	V
	9003	60195.88	17 14N	89 2W	87.7	186.7	2.733	26.60	71.0	S0409	.05410	8.3366	0.6	V
	9004	60199.08	17 14N	89 2W	89.2	186.7	2.733	26.95	71.0	S0409	.05410	8.0544	0.6	A
	9005	60205.88	16 21N	89 25W	82.8	186.7	3.090	18.20	70.5	S0409	.05410	8.7654	0.8	F
	9006	60208.88	16 21N	89 25W	81.9	186.7	3.090	18.20	70.5	S0409	.05410	8.9303	0.6	V
	9007	60235.88	14 10N	89 53W	81.8	186.6	3.211	14.00	69.5	S0409	.05410	8.8308	0.4	F
	9008	60238.68	14 10N	89 53W	81.0	186.6	3.211	14.35	69.6	S0409	.05410	9.0292	0.6	V
1546	5001	65207.88	37 15N	107 44W	72.7	188.1	2.872	-1.40	67.2	S0312	.04150	9.9516	2.2	F
	5002	65213.68	37 12N	107 45W	72.8	188.0	2.872	-0.70	67.2	S0312	.04150	9.9516	2.2	A
	9001	65208.88	37 10N	107 45W	72.8	188.1	2.872	-1.40	67.2	S0409	.05410	9.9528	0.6	F

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REV	FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1546	9002	65214.08	37 10N	107 45W	72.8	188.0	2.872	-0.70	67.2	S0409	.05410	9.9528	0.8	A
1547	5001	69269.08	55 42N	38 31E	129.6	348.4	-1.321	40.95	-8.6	S0312	.29710	5.5553	2.6	A
1549	9001	82345.07	45 [illegible]S	169 23E	120.1	189.2	2.511	-4.55	19.4	S0409	.07190	5.8548	1.4	A
1551	9001	5362.87	36 50N	140 37E	84.6	186.9	2.385	-31.50	67.0	S0409	.04090	8.5180	1.0	F
	9002	5369.87	36 50N	140 38E	85.6	187.9	2.511	-30.45	67.0	S0409	.04090	8.6929	1.2	A
	9003	5907.07	0 51S	134 5E	86.5	186.4	3.439	-14.00	59.2	S0409	.05410	8.5196	0.6	V
	9004	5910.47	0 51S	134 3E	86.8	186.4	3.439	-14.35	59.2	S0409	.05410	8.2453	1.0	A
	9005	5915.67	1 40S	134 11E	84.5	186.4	3.439	-5.60	58.9	S0409	.05410	8.6252	1.2	V
	9006	5926.07	2 42S	133 55E	86.5	186.4	3.574	-13.85	58.0	S0409	.05410	8.3201	0.4	F
	9007	5936.47	3 43S	134 31E	91.5	186.4	3.090	16.10	55.2	S0409	.05410	7.8171	0.4	A
	9008	5950.47	3 39S	133 46E	87.0	186.4	3.574	-7.00	57.1	S0409	.05410	8.2541	0.6	A
	9009	5974.07	5 39S	132 44E	100.3	186.4	3.211	-31.65	55.0	S0409	.04090	7.1326	0.6	F
	9010	5980.67	5 39S	132 20E	93.3	186.5	3.439	-22.40	55.2	S0409	.05410	7.7099	0.4	A
	9011	6067.47	12 10S	133 20E	108.5	186.5	2.733	28.70	50.4	S0409	.05410	8.6379	0.8	F
	9012	6071.47	12 10S	133 20E	108.1	186.6	2.511	29.40	50.4	S0409	.05410	8.7121	0.4	V
	9013	6077.87	12 09S	132 54E	98.5	186.6	2.733	18.55	49.8	S0409	.05410	7.3635	0.6	V
	9014	6081.47	12 09S	132 54E	100.1	186.6	2.733	18.80	49.9	S0409	.05410	7.1162	0.6	A
1552	5001	10529.66	46 0N	122 33E	79.5	189.6	2.511	15.90	61.3	S0312	.03150	9.1956	1.6	F
	5002	10533.46	46 1N	122 32E	78.8	189.2	2.511	19.25	61.4	S0312	.03150	9.3167	0.6	V
	5003	10608.26	44 43N	120 55E	77.8	188.3	2.733	15.75	65.2	S0312	.03150	9.3532	0.7	F
	5004	10613.86	44 43N	120 55E	77.1	188.3	2.733	16.10	65.2	S0312	.03150	9.5146	0.6	V
	5005	10653.66	37 47N	120 15E	78.5	183.1	2.733	18.90	67.1	S0312	.03150	9.3352	1.6	V
	5006	10657.46	37 48N	120 14E	79.6	186.1	2.511	19.25	67.2	S0312	.03150	9.1024	1.6	A
	5007	10736.26	32 7N	118 47E	76.4	187.8	2.872	14.00	70.0	S0312	.03150	9.5723	0.6	V
	5008	10739.06	32 7N	118 47E	77.6	187.8	2.872	14.00	70.0	S0312	.03150	9.3415	0.6	A
	9001	10297.66	61 50N	129 40E	85.7	193.9	1.687	24.15	47.8	S0409	.05410	8.4603	0.6	F
	9002	10296.66	62 0N	129 40E	84.8	193.8	1.687	24.50	47.8	S0409	.05410	8.6334	0.6	V
	9003	10299.86	61 50N	129 40E	85.8	194.7	1.475	24.85	47.8	S0409	.05410	8.4108	0.6	A
	9004	10509.86	47 37N	122 58E	77.9	189.5	2.385	17.50	60.1	S0409	.07190	9.4166	0.6	V
	9005	10512.66	47 36N	122 56E	78.9	189.5	2.385	17.85	60.1	S0409	.07190	9.1512	0.6	A
	9006	10533.46	46 0N	122 32E	76.7	189.2	2.511	19.25	61.4	S0409	.07190	9.3176	0.6	V
	9007	10536.26	46 1N	122 32E	79.9	189.2	2.511	19.60	61.4	S0409	.07190	9.0522	0.6	A
	9008	10586.86	42 7N	121 40E	84.4	188.7	2.511	26.25	64.4	S0409	.05410	8.6252	0.4	F
	9009	10589.86	42 7N	121 40E	83.6	188.7	2.511	26.60	64.4	S0409	.05410	8.7736	0.4	V
	9010	10593.26	42 8N	121 41E	85.6	188.8	2.511	27.65	64.4	S0409	.05410	8.4458	0.4	A
	9011	10602.06	41 42N	120 31E	73.5	188.5	2.733	-2.10	64.6	S0409	.07190	9.4436	0.6	F
	9012	10620.26	39 50N	119 44E	76.7	188.4	2.733	-18.55	65.2	S0409	.05410	9.4230	0.6	F
	9013	10625.66	40 0N	119 44E	76.4	188.3	2.733	-17.85	65.2	S0409	.05410	9.4992	0.6	A
	9014	10656.66	37 42N	120 14E	78.5	188.1	2.733	18.90	67.2	S0409	.07190	9.3343	0.4	V
	9015	10657.46	37 43N	120 14E	79.5	188.1	2.511	19.25	67.2	S0409	.05410	9.1054	0.4	A
	9016	10666.26	36 41N	119 [illegible]E	74.8	188.0	2.872	-12.25	67.3	S0409	.05410	8.6542	0.6	F
	9017	10673.66	36 41N	119 8E	74.6	188.0	2.872	-11.55	67.3	S0409	.05410	9.7156	0.8	A
	9018	10720.06	33 5N	118 30E	74.0	187.7	3.090	-5.25	69.2	S0409	.07190	9.7374	0.8	F
	9019	10727.66	32 50N	118 7E	74.0	187.6	3.272	-16.10	69.2	S0409	.05410	9.4992	0.8	F
	9020	10736.26	32 7N	118 47E	76.6	187.8	2.872	14.00	70.0	S0409	.07190	9.5735	0.6	V
	9021	10739.06	32 7N	118 46E	77.5	187.8	2.872	14.00	70.0	S0409	.05410	9.3426	0.6	A
	9022	10744.86	31 42N	118 22E	74.6	187.5	3.090	3.50	70.1	S0409	.07190	9.7136	0.4	F
	9023	10747.46	31 42N	118 22E	73.8	187.5	3.090	3.85	70.1	S0409	.07190	9.4286	0.4	V
	9024	10750.26	31 42N	118 21E	74.8	187.5	3.090	4.20	70.1	S0409	.07190	9.6724	0.4	A
	9025	10775.66	29 40N	117 15E	79.2	187.4	2.872	-22.75	70.2	S0409	.05410	9.1117	0.4	F
	9026	10781.26	29 39N	117 15E	78.7	187.5	3.090	-22.05	70.2	S0409	.05410	9.2184	0.4	A
	9027	10789.86	28 50N	117 21E	74.6	187.3	3.090	-12.25	70.6	S0409	.05410	9.8207	0.6	V
	9028	10794.66	28 42N	117 14E	76.3	187.5	3.090	-15.40	70.6	S0409	.07190	9.5075	0.8	A
	9029	10819.46	26 25N	117 49E	82.0	187.2	2.872	22.40	71.8	S0409	.05410	9.9468	0.6	V
	9030	10821.46	26 25N	117 49E	83.2	187.2	2.872	22.75	71.8	S0409	.05410	8.6746	0.8	A
	9031	10844.86	24 50N	117 39E	87.9	187.1	2.733	29.05	72.2	S0409	.04090	8.3366	0.6	V
	9032	10848.06	24 50N	117 39E	89.4	187.0	2.511	29.75	72.2	S0409	.01090	9.0644	0.6	A
	9033	10900.86	20 44N	116 44E	84.2	186.9	2.872	23.45	71.8	S0409	.05410	8.6994	0.8	V
	9034	10904.46	20 42N	116 43E	85.5	186.9	2.872	23.80	71.8	S0409	.05410	8.4273	1.0	A
	9035	11309.26	7 7S	111 37E	93.7	186.5	3.090	14.70	54.6	S0409	.05410	7.6192	0.6	A
	9036	11312.86	7 9S	111 31E	92.3	186.5	3.090	14.00	54.2	S0409	.05410	7.8565	1.0	V
1553	5001	15742.06	52 50N	103 18E	88.6	190.6	1.810	30.45	55.9	S0312	.02260	8.1789	2.6	A
	9001	15684.26	54 34N	104 7E	78.5	191.7	2.033	14.35	52.6	S0409	.05410	9.2271	0.6	F
	9002	15692.86	54 29N	103 10E	75.3	191.5	2.033	7.00	52.6	S0409	.05410	9.6229	0.4	A
	9003	15729.46	53 49N	102 37E	76.1	190.6	2.170	8.75	55.2	S0409	.07190	9.5240	1.0	F
	9004	15734.86	53 29N	102 37E	76.2	190.8	2.170	9.45	55.2	S0409	.07190	9.5075	1.0	A
	9005	15904.86	40 15N	97 22E	81.4	188.4	2.385	-28.35	64.8	S0409	.05410	8.8643	0.6	F
	9006	15907.66	40 15N	97 22E	80.1	188.4	2.385	-28.00	64.8	S0409	.05410	9.1447	0.6	V
	9007	15930.66	40 15N	97 22E	80.8	188.4	2.385	-27.65	64.9	S0409	.05410	8.9362	0.6	A
	9008	15965.86	37 42N	97 22E	72.2	183.1	2.872	-5.25	67.0	S0409	.07190	10.0270	0.4	F
	9009	15960.46	37 42N	97 22E	71.3	188.1	2.872	-4.90	67.0	S0409	.07190	10.2784	0.4	V
	9010	15971.06	37 42N	97 22E	72.1	188.0	2.872	-4.55	67.0	S0409	.07190	10.0517	0.4	A
	9011	16337.26	11 42N	92 44E	83.1	186.6	3.211	14.35	68.3	S0409	.07190	8.7241	0.8	F
	9012	16340.26	11 42N	92 44E	82.4	186.6	3.211	14.70	68.3	S0409	.07190	8.8726	0.6	V
1554	5001	21045.06	53 0N	78 40E	87.7	190.7	1.687	-32.40	55.1	S0312	.02260	8.2284	1.6	F

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1554 5002	21048.86	53 2N	78 40E	86.3	190.6	1.687	-32.55	55.2	S0312	.02260	8.4440	1.8	V
5003	21197.86	42 36N	76 6E	75.7	188.7	2.511	-21.00	63.4	S0312	.03150	9.5394	0.4	F
5004	21200.46	42 36N	76 5E	74.9	188.7	2.511	-21.00	63.4	S0312	.03150	9.7867	0.6	V
9001	20796.26	60 36N	90 19E	79.1	198.8	1.332	4.55	40.6	S0409	.07190	9.1364	0.4	F
9002	20799.06	60 36N	90 20E	79.1	198.8	1.332	4.90	40.6	S0409	.07190	9.3673	0.4	V
9003	20801.86	60 36N	90 20E	79.0	198.5	1.113	5.25	40.6	S0409	.07190	9.1612	0.6	A
9004	20843.66	66 07N	86 12E	81.3	196.3	1.113	-17.85	43.3	S0409	.07190	8.8643	0.4	F
9005	20846.66	66 07N	86 13E	80.1	196.2	1.113	-17.50	43.3	S0409	.07190	9.1199	0.8	V
9006	20964.46	58 41N	82 54E	79.3	192.3	2.033	14.70	51.0	S0409	.05410	9.1364	0.4	F
9007	20967.26	58 41N	82 54E	78.5	192.3	1.810	15.40	51.0	S0409	.05410	9.3426	0.4	V
9008	20970.06	58 41N	82 54E	79.3	192.2	1.810	15.40	51.0	S0409	.05410	9.1199	0.6	A
9009	21078.06	50 47N	78 31E	77.8	190.2	2.033	-18.90	57.2	S0409	.07190	9.2766	0.8	F
9010	21083.46	50 48N	78 32E	77.4	190.1	2.170	-18.20	57.2	S0409	.07190	9.3673	1.0	A
9011	21093.86	49 50N	77 58E	80.0	189.9	2.033	-25.55	57.8	S0409	.07190	9.1529	0.8	V
9012	21096.86	49 50N	77 58E	80.7	189.9	2.033	-25.20	57.8	S0409	.07190	9.0045	0.4	A
9013	21157.66	45 0N	78 29E	88.1	189.1	2.385	30.45	62.2	S0409	.04090	8.2459	0.4	F
9014	21160.66	45 0N	78 29E	87.4	189.1	2.170	31.15	62.2	S0409	.04090	8.5943	0.6	V
9015	21167.66	44 52N	77 42E	76.8	189.0	2.385	14.35	62.4	S0409	.07190	9.4496	0.6	F
9016	21170.46	44 52N	77 42E	76.0	189.0	2.385	14.70	62.4	S0409	.07190	9.6477	0.8	V
9017	21177.66	43 50N	77 1E	73.6	188.9	2.733	-2.10	62.7	S0409	.05410	9.8373	0.6	F
9018	21182.86	43 50N	77 1E	73.6	188.9	2.733	-1.40	62.7	S0409	.05410	9.8538	0.6	A
9019	21188.46	43 41N	76 57E	73.2	188.8	2.733	1.40	63.1	S0409	.07190	10.0187	0.4	V
9020	21191.06	43 41N	76 57E	74.0	188.8	2.733	1.75	63.1	S0409	.07190	9.7379	0.4	A
9021	21200.46	42 36N	76 5E	74.9	188.7	2.511	-21.00	63.4	S0409	.07190	9.7379	0.4	V
9022	21203.26	42 36N	76 5E	75.6	188.7	2.511	-20.65	63.4	S0409	.07190	9.6064	0.4	A
9023	21342.66	32 42N	74 50E	78.8	187.6	2.733	18.90	69.8	S0409	.05410	9.3013	0.8	V
9024	21345.66	32 42N	74 50E	78.9	187.5	2.733	19.25	69.8	S0409	.05410	9.0292	0.8	A
1555 5001	26290.45	56 36N	60 41E	85.8	191.9	2.033	26.25	52.3	S0312	.03150	8.4510	2.0	F
5002	26294.65	56 34N	60 38E	84.9	191.8	1.810	26.60	52.4	S0312	.03150	8.6407	0.8	V
5003	26299.06	56 33N	60 37E	86.5	191.7	1.810	27.30	52.5	S0312	.03150	8.3851	1.8	A
5004	26318.06	56 21N	59 43E	83.5	191.3	2.170	23.80	53.9	S0312	.03150	8.6984	0.6	F
5005	26321.05	56 20N	59 43E	82.8	191.3	2.170	24.15	53.9	S0312	.03150	8.8350	0.6	V
5006	26608.65	35 37N	51 48E	86.9	187.3	2.385	-35.70	67.4	S0312	.03150	8.4180	2.6	V
9001	26133.25	67 36N	64 45E	83.6	197.2	1.113	-23.80	42.0	S0409	.07190	8.7424	0.4	V
9002	26136.26	67 36N	64 45E	84.5	197.0	1.113	-23.80	42.0	S0409	.07190	9.5592	0.4	A
9003	26140.66	67 36N	64 20E	83.7	196.8	1.113	-24.15	42.4	S0409	.05410	8.7241	1.0	V
9004	26143.86	67 29N	64 20E	84.3	196.8	1.113	-23.80	42.4	S0409	.05410	8.5757	0.8	A
9005	26198.66	63 10N	63 27E	79.4	194.4	1.687	12.60	46.6	S0409	.07190	9.1117	1.0	F
9006	26204.46	63 10N	63 27E	79.5	194.2	1.687	13.30	46.6	S0409	.07190	9.0952	0.8	A
9007	26228.66	61 16N	63 9E	87.9	193.5	1.687	28.70	48.4	S0409	.05410	8.3366	1.0	V
9008	26232.05	61 17N	63 10E	89.3	193.4	1.475	29.40	48.4	S0409	.05410	8.1057	0.8	A
9009	26251.46	59 51N	59 56E	80.1	192.8	1.687	-19.95	49.4	S0409	.07190	9.0147	1.8	F
9010	26257.25	59 48N	60 17E	77.0	192.7	1.687	-11.55	49.5	S0409	.07190	9.4168	1.6	A
9011	26268.66	58 39N	59 40E	77.5	192.4	1.810	-14.00	50.5	S0409	.07190	9.3178	0.8	F
9012	26271.66	58 38N	59 40E	76.4	192.3	1.810	-13.65	50.5	S0409	.07190	9.5755	0.6	V
9013	26274.45	58 38N	59 40E	77.1	192.3	1.810	-13.30	50.5	S0409	.07190	9.4003	1.6	A
9014	26283.25	57 54N	60 6E	75.9	192.1	2.033	4.20	51.3	S0409	.07190	9.5405	0.6	A
9015	26291.86	56 48N	60 32E	85.9	191.9	2.033	26.25	52.4	S0409	.05410	8.4520	0.6	F
9016	26294.65	56 36N	60 38E	84.9	191.8	1.810	26.60	52.4	S0409	.07190	8.6417	0.6	V
9017	26297.86	56 36N	60 39E	86.4	191.7	1.810	27.30	52.4	S0409	.05410	8.3595	0.8	A
9018	26321.05	55 20N	59 43E	82.8	191.3	2.170	24.15	53.9	S0409	.07190	8.8061	0.6	V
9019	26324.05	55 20N	59 43E	84.0	191.2	1.810	24.85	53.9	S0409	.07190	8.6169	0.6	A
9020	26332.85	54 17N	58 5E	74.9	191.0	2.170	-7.70	54.4	S0409	.07190	9.6642	0.8	F
9021	26338.05	54 16N	58 5E	74.6	190.9	2.170	-7.00	54.4	S0409	.07190	9.7136	1.0	A
9022	26373.66	51 28N	57 40E	76.2	190.3	2.385	9.80	56.9	S0409	.07190	9.5075	1.0	F
9023	26378.45	51 29N	57 39E	75.6	190.3	2.170	8.05	56.8	S0409	.07190	9.5317	1.2	A
9024	26446.86	43 58N	54 48E	73.0	188.9	2.511	-5.25	62.6	S0409	.07190	10.0435	0.6	V
9025	26449.65	43 58N	54 48E	73.9	188.9	2.511	-4.90	62.6	S0409	.07190	9.8208	0.6	A
9026	26544.86	39 40N	54 13E	76.5	188.4	2.733	12.25	65.8	S0409	.04090	9.4328	1.0	F
9027	26550.25	39 41N	54 22E	78.9	188.3	2.511	13.50	66.0	S0409	.04090	9.3013	0.8	V
9028	26553.25	39 40N	54 22E	80.0	188.3	2.511	14.35	66.0	S0409	.04090	9.0375	0.8	A
9029	26587.66	36 40N	53 32E	77.2	188.0	2.872	13.65	67.6	S0409	.04090	9.4168	0.8	F
9030	26593.25	36 40N	53 32E	77.5	188.0	2.733	14.70	67.6	S0409	.04090	9.3261	1.4	A
9031	26740.85	26 10N	50 34E	75.6	187.2	3.090	-10.15	71.1	S0409	.07190	9.8570	0.8	F
9032	26744.86	26 12N	50 41E	74.4	187.1	3.090	-7.35	71.1	S0409	.07190	9.8373	1.2	V
9033	27021.05	7 20N	46 39E	90.5	186.5	3.439	-29.75	64.9	S0409	.05410	7.9902	0.6	A
9034	27024.05	6 56N	46 38E	89.0	186.5	3.439	-27.30	64.6	S0409	.05410	8.1222	1.0	A
9035	27057.25	4 41N	46 37E	82.6	186.4	3.439	-12.95	63.4	S0409	.05410	8.8313	0.8	V
1556 5001	31445.25	67 10N	44 20E	80.4	196.3	1.475	12.95	42.9	S0312	.04150	8.9852	1.6	F
5002	31449.05	67 8N	44 18E	79.5	196.7	1.475	13.30	42.9	S0312	.04150	9.1931	0.8	V
5003	31486.85	64 36N	40 31E	81.0	195.1	1.332	-19.25	45.1	S0312	.05390	8.9045	0.6	F
5004	31489.85	64 35N	40 31E	79.9	195.0	1.332	-18.90	45.1	S0312	.05390	9.1318	0.4	V
5005	31503.45	58 0N	38 50E	81.2	192.2	1.810	21.00	51.3	S0312	.04150	9.0364	0.8	V
5006	31506.45	58 0N	38 50E	82.3	192.1	1.810	21.35	51.3	S0312	.04150	8.7973	1.6	A
5007	31607.85	56 14N	37 50E	80.0	191.7	2.033	17.85	52.8	S0312	.03150	9.0611	1.8	F
5008	31614.05	56 14N	37 49E	80.0	191.5	2.033	17.85	52.9	S0312	.03150	9.0529	1.4	A
5009	31618.25	55 56N	37 34E	79.0	191.4	2.033	15.75	53.1	S0312	.04150	9.1766	1.4	A
5010	31655.05	53 14N	34 59E	80.0	190.8	1.810	-22.75	55.1	S0312	.03150	9.0199	1.6	F
5011	31658.85	53 10N	34 57E	78.9	190.7	2.033	-22.75	55.1	S0312	.03150	9.2705	0.8	V
5012	31696.65	50 14N	35 31E	80.5	190.1	2.385	19.45	58.0	S0312	.03150	9.0199	1.0	F
5013	31699.85	50 12N	35 30E	79.6	190.0	2.170	20.30	58.0	S0312	.03150	9.1931	1.8	V
5014	31716.65	48 40N	35 24E	87.2	189.4	2.170	29.65	59.3	S0312	.04150	8.3191	2.2	F

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1556 5015	31724.05	48 35N	35 2E	81.0	189.7	2.170	22.75	59.4	S0312	.0315U	9.0564	2.0	V
5016	31729.25	48 26N	34 60E	82.2	189.7	2.170	23.10	59.5	S0312	.0315U	8.8158	1.6	A
5017	31735.45	47 35N	34 37E	80.0	189.5	2.385	19.60	60.1	S0312	.0315U	9.0776	2.0	F
5018	31741.25	47 35N	34 37E	80.5	189.5	2.170	20.65	60.1	S0312	.0315U	9.0054	1.8	A
5019	31749.85	45 45N	34 2E	82.6	189.2	2.385	23.80	62.0	S0312	.0315U	8.7891	1.8	F
5020	31773.85	45 9N	34 0E	81.9	189.1	2.385	24.15	62.1	S0312	.0315U	8.9622	0.6	V
5021	31782.05	44 57N	33 29E	76.2	189.0	2.385	14.00	62.3	S0312	.0415U	9.6218	0.6	V
5022	31784.85	44 57N	33 29E	77.3	189.0	2.385	14.35	62.3	S0312	.0415U	9.3827	1.6	A
9001	31449.05	67 6N	44 17E	79.5	196.7	1.475	13.30	42.9	S0409	.0719U	9.1941	0.6	V
9002	31452.05	67 5N	44 16E	80.4	196.5	1.475	13.30	43.0	S0409	.0719U	8.9980	0.4	A
9003	31459.65	64 56N	40 31E	79.9	195.0	1.332	-18.90	45.1	S0409	.0967U	9.1529	0.6	V
9004	31462.65	64 56N	40 30E	80.7	194.9	1.332	-18.90	45.1	S0409	.0967U	8.9715	0.6	A
9005	31505.85	63 5N	41 41E	82.8	194.4	1.810	19.95	46.7	S0409	.0719U	8.7571	3.8	F
9006	31513.25	62 59N	41 46E	84.7	194.2	1.475	23.45	46.8	S0409	.0719U	8.5262	3.4	A
9007	31522.25	61 59N	40 19E	78.5	193.7	1.810	11.55	48.0	S0409	.0719U	9.2271	0.6	F
9008	31531.05	61 59N	40 19E	77.6	193.6	1.810	11.90	48.0	S0409	.0719U	9.4415	0.5	V
9009	31533.85	61 59N	40 19E	76.6	193.5	1.810	12.25	48.0	S0409	.0719U	9.2106	0.6	A
9010	31566.45	59 8N	38 38E	76.3	192.5	2.033	4.90	50.2	S0409	.0719U	9.4823	0.8	F
9011	31571.85	59 6N	38 38E	76.3	192.5	1.810	5.95	50.2	S0409	.0719U	9.4828	0.8	A
9012	31580.25	59 6N	38 46E	81.1	192.3	2.033	18.90	51.2	S0409	.0719U	9.9303	0.6	F
9013	31583.45	59 5N	38 50E	81.2	192.2	1.810	21.00	51.3	S0409	.0719U	9.0375	0.8	V
9014	31586.45	58 5N	38 50E	82.3	192.1	1.810	21.35	51.3	S0409	.0719U	8.7986	0.6	A
9015	31596.85	57 14N	37 55E	76.1	191.9	2.033	9.80	51.9	S0409	.0719U	9.6229	0.4	V
9016	31599.65	57 14N	37 55E	77.1	191.8	2.033	10.15	51.9	S0409	.0719U	9.3920	0.4	A
9017	31609.65	56 12N	37 40E	80.1	191.6	2.033	17.85	52.9	S0409	.0719U	9.0522	1.8	F
9018	31614.45	56 12N	37 47E	80.0	191.5	2.033	17.85	52.9	S0409	.0719U	9.0540	0.8	A
9019	31622.85	55 10N	37 19E	79.9	191.4	2.033	16.10	53.7	S0409	.0719U	9.1694	1.2	F
9020	31629.45	55 10N	37 19E	79.3	191.2	2.033	16.80	53.7	S0409	.0719U	9.1242	1.2	A
9021	31636.85	54 9N	36 22E	74.0	191.1	2.170	0.00	54.2	S0409	.0719U	9.8931	0.6	V
9022	31643.65	53 59N	35 47E	75.4	191.0	2.033	-9.45	54.6	S0409	.0719U	9.5417	0.8	F
9023	31649.05	53 58N	35 48E	75.2	190.9	2.170	-8.75	54.6	S0409	.0719U	9.6394	0.6	A
9024	31658.85	53 10N	34 57E	78.9	190.7	2.033	-22.75	55.1	S0409	.0719U	9.2766	0.6	V
9025	31661.85	53 10N	34 57E	79.6	190.6	2.033	-22.40	55.2	S0409	.0719U	9.1117	0.6	A
9026	31675.85	51 42N	35 37E	76.0	190.4	2.385	8.75	56.7	S0409	.0719U	9.5322	0.6	F
9027	31681.25	51 42N	35 38E	76.1	190.3	2.170	9.80	56.7	S0409	.0719U	9.5157	0.6	A
9028	31688.85	50 50N	34 46E	74.6	190.2	2.170	-7.00	57.2	S0409	.0719U	9.6389	0.6	F
9029	31697.25	50 11N	35 30E	80.5	190.1	2.385	19.95	58.0	S0409	.0719U	9.0210	0.4	F
9030	31700.05	50 11N	35 30E	79.6	190.0	2.170	20.30	58.0	S0409	.0719U	9.1941	0.4	V
9031	31707.25	49 34N	34 52E	75.7	189.9	2.385	8.75	58.4	S0409	.0719U	9.5755	0.6	F
9032	31710.05	49 33N	34 52E	74.9	189.9	2.385	9.10	58.4	S0409	.0719U	9.7879	0.6	V
9033	31724.25	48 36N	35 1E	81.0	189.7	2.170	22.75	59.4	S0409	.0719U	9.0375	1.8	V
9034	31728.25	48 27N	34 60E	82.1	189.7	2.170	23.10	59.5	S0409	.0541U	8.8148	0.4	A
9035	31736.05	47 52N	34 36E	80.1	189.5	2.385	19.60	60.2	S0409	.0719U	9.0787	0.4	F
9036	31741.85	47 52N	34 36E	80.5	189.5	2.170	20.65	60.2	S0409	.0719U	9.0045	0.8	A
9037	31754.25	46 41N	32 37E	83.0	189.3	2.033	-30.10	60.2	S0409	.0541U	8.8148	0.5	V
9038	31757.65	46 39N	32 36E	83.7	189.3	2.033	-29.75	60.3	S0409	.0541U	8.6746	0.4	A
9039	31770.65	45 9N	34 0E	82.7	189.1	2.385	23.80	62.1	S0409	.0541U	8.7901	1.0	F
9040	31776.65	45 9N	33 59E	82.6	189.1	2.170	24.15	62.1	S0409	.0541U	8.7624	1.0	A
9041	31782.05	44 57N	33 29E	76.2	189.0	2.385	14.00	62.3	S0409	.0967U	9.6229	0.4	V
9042	31784.85	44 57N	33 29E	77.2	189.0	2.385	14.35	62.4	S0409	.0719U	9.3838	0.4	A
9043	31975.45	31 14N	29 52E	74.8	187.5	3.090	3.15	70.1	S0409	.0719U	9.6972	0.4	F
9044	31978.05	31 12N	29 52E	73.9	187.5	2.872	3.50	70.1	S0409	.0719U	9.9115	0.4	V
9045	31980.25	31 9N	29 50E	73.9	187.5	2.872	3.50	70.1	S0409	.0719U	9.9115	0.4	V
9046	31983.05	31 7N	29 50E	74.2	187.5	3.090	3.85	70.2	S0409	.0719U	9.6559	0.4	A
9047	32910.65	32 50S	17 57E	108.9	187.6	2.872	2.10	31.1	S0409	.0719U	9.5389	1.0	F
9048	32914.85	33 1S	17 58E	108.1	187.5	2.872	2.80	31.1	S0409	.0719U	9.6461	0.4	V
9049	32924.05	34 3S	18 48E	126.7	187.7	2.170	27.65	30.5	S0409	.0541U	9.6154	0.8	F
9050	32928.65	34 3S	18 47E	125.6	187.7	2.170	27.65	30.5	S0409	.0541U	9.6378	0.8	V
9051	32933.25	34 3S	18 47E	127.9	187.6	1.810	26.35	30.5	S0409	.0541U	9.5164	0.6	A
1557 5001	36879.25	64 49N	177 56E	121.1	344.9	-1.321	-36.40	-1.3	S0312	.2971U	9.9198	0.6	A
5002	36928.65	62 51N	17 27E	74.0	193.8	1.687	-13.30	47.1	S0312	.0559U	9.3055	2.2	A
5003	36938.25	54 41N	13 19E	81.5	191.1	1.810	-24.85	53.8	S0312	.0415U	8.8469	1.2	F
5004	36942.65	54 39N	13 19E	80.3	191.1	1.810	-24.50	53.9	S0312	.0415U	9.1106	1.0	V
5005	36951.85	53 59N	14 18E	75.2	190.9	2.170	8.05	54.8	S0312	.0559U	9.7537	0.8	V
5006	36954.85	53 52N	14 18E	76.1	190.9	2.170	8.40	54.8	S0312	.0415U	9.5594	1.4	A
5007	37020.45	49 42N	13 13E	82.3	189.8	2.170	23.45	58.7	S0312	.0315U	8.7891	1.0	A
9001	36952.05	53 52N	14 16E	75.1	190.9	2.170	8.05	54.8	S0409	.0967U	9.7549	0.4	V
9002	36954.85	53 52N	14 18E	76.1	190.9	2.170	8.40	54.8	S0409	.0967U	9.5405	0.4	A
9003	36965.25	53 7N	12 41E	80.9	190.7	1.810	-25.90	55.1	S0409	.0719U	9.0457	0.8	V
9004	36968.25	53 7N	12 41E	81.6	190.6	2.033	-25.90	55.1	S0409	.0719U	8.8390	0.8	A
9005	36977.45	52 4N	13 0E	75.0	190.5	2.170	-8.75	56.2	S0409	.0719U	9.6312	0.8	F
9006	36983.85	52 2N	13 0E	74.8	190.4	2.170	-8.05	56.2	S0409	.0719U	9.6489	0.8	A
9007	36994.65	50 52N	12 57E	73.5	190.2	2.385	1.75	57.3	S0409	.0719U	9.9593	0.6	V
9008	36999.45	50 51N	12 57E	74.4	190.1	2.385	2.10	57.3	S0409	.0719U	9.7484	0.4	A
9009	37007.85	49 47N	13 35E	86.1	190.0	2.170	20.00	58.4	S0409	.0541U	8.4190	0.8	F
9010	37012.65	49 36N	13 49E	88.7	189.9	2.170	31.85	58.6	S0409	.0541U	8.2541	0.4	V
9011	37015.85	49 36N	13 43E	90.4	189.9	2.170	32.55	58.6	S0409	.0541U	8.0067	0.4	A
9012	37157.45	39 49N	9 27E	73.7	188.4	2.733	-7.35	65.5	S0409	.0409U	9.3208	0.8	F
9013	37162.65	39 49N	9 27E	73.6	188.3	2.733	-6.65	65.5	S0409	.0409U	9.3538	0.8	A
9014	37190.85	37 17N	9 49E	84.0	188.1	2.511	25.55	67.5	S0409	.0409U	8.6664	1.0	F
9015	37197.25	37 4N	9 40E	81.4	188.0	2.511	23.45	67.6	S0409	.0541U	9.0127	0.4	V
9016	37205.25	36 59N	9 12E	75.9	188.0	2.733	10.85	67.6	S0409	.0719U	9.5322	0.4	A
9017	37641.65	6 42N	2 25E	87.3	186.5	3.439	-24.15	64.3	S0409	.0541U	8.2459	0.6	F
9018	37647.85	6 43N	2 25E	87.1	186.5	3.439	-23.45	64.3	S0409	.0541U	8.2953	0.6	A

Handle via
BYEMAN Channels
BYE-8915/84

Approved for Release: 2021/01/22 C05132886

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1559 9001	48661.04	21 49S	46 33W	99.9	186.9	3.439	-12.95	41.2	SO409	.05410	7.1374	1.0	F
9002	48666.44	21 56S	46 31W	98.3	186.9	3.439	-10.50	41.2	SO409	.07190	7.4470	0.6	V
9003	48670.04	21 56S	46 30W	99.5	186.9	3.439	-9.45	41.2	SO409	.05410	7.1656	0.6	A
9004	48679.64	23 12S	45 52W	106.5	187.0	2.872	17.15	40.4	SO409	.05410	6.7368	1.0	F
9005	48683.44	23 12S	45 51W	106.0	187.0	2.872	17.95	40.4	SO409	.05410	6.8111	1.0	V
9006	48687.64	23 18S	45 50W	108.0	187.0	2.872	18.55	40.4	SO409	.05410	6.5637	0.6	A
9007	48694.44	23 34S	46 21W	101.4	187.0	3.090	7.00	39.6	SO409	.07190	7.1162	0.6	V
9008	48697.84	23 32S	46 22W	102.7	187.0	3.090	6.65	39.6	SO409	.05410	6.9108	2.0	A
1560 9001	53800.04	10 44S	65 22W	107.2	186.5	2.733	20.70	51.8	SO312	.03150	6.7278	2.0	F
9002	53808.64	10 47S	65 23W	108.7	186.5	2.385	29.75	51.8	SO312	.03150	6.5547	1.6	A
9003	54190.04	36 09S	73 6W	154.4	188.0	2.733	-37.10	27.0	SO312	.04150	5.3427	1.4	V
9004	54194.44	36 07S	73 4W	135.3	188.0	3.090	-36.75	27.0	SO312	.04150	5.2603	2.6	A
9001	53657.84	0 42S	64 54W	87.7	186.4	3.574	-17.85	59.6	SO409	.05410	8.1964	1.0	A
9002	53815.44	11 43S	65 60W	96.3	186.5	3.090	14.70	50.7	SO409	.05410	7.4707	1.0	F
9003	53830.44	12 05S	65 24W	120.1	186.6	2.385	36.75	50.1	SO409	.04090	6.0029	1.0	F
9004	53836.84	13 2S	65 20W	123.5	186.6	2.170	39.20	50.0	SO409	.04090	5.4710	1.0	V
9005	53841.84	13 14S	65 27W	124.5	186.6	2.170	38.85	49.5	SO409	.04090	5.2056	1.0	F
9006	53844.84	13 24S	65 28W	125.4	186.6	2.170	39.20	49.3	SO409	.04090	5.7658	0.8	F
9007	53853.04	13 40S	66 19W	99.8	186.6	2.733	17.50	48.9	SO409	.05410	7.1244	1.6	A
9008	53871.24	15 20S	67 47W	101.0	186.6	3.439	-24.50	46.8	SO409	.05410	7.0332	1.0	F
9009	53878.64	15 41S	67 39W	96.5	186.7	3.574	-18.20	46.7	SO409	.05410	7.5037	0.8	V
9010	53882.84	15 49S	67 36W	96.7	186.7	3.574	-15.40	46.7	SO409	.05410	7.3965	0.2	A
9011	53904.04	17 10S	67 19W	94.6	186.7	3.211	4.20	45.6	SO409	.04090	7.5367	0.4	A
9012	54019.64	25 06S	70 24W	125.4	187.1	2.872	-38.15	37.4	SO409	.05410	5.6566	0.8	F
9013	54024.64	25 06S	70 22W	122.1	187.1	3.090	-37.10	37.4	SO409	.05410	5.9040	1.0	V
9014	54040.64	26 10S	70 36W	126.2	187.2	3.211	-37.80	36.7	SO409	.05410	5.6566	1.0	A
9015	54049.64	27 10S	70 24W	114.4	187.2	3.090	-29.40	35.9	SO409	.04090	6.2998	1.0	V
9016	54093.44	29 05S	71 15W	124.9	187.4	3.211	-34.65	33.4	SO409	.05410	5.6778	0.6	A
9017	54127.64	32 01S	71 16W	113.1	187.6	3.090	-20.30	30.9	SO409	.05410	6.2333	0.4	F
9018	54134.84	33 26S	70 33W	108.5	187.7	2.872	1.75	30.7	SO409	.07190	6.5637	0.6	F
9019	54138.84	33 26S	70 32W	107.7	187.7	2.872	2.80	30.7	SO409	.07190	6.6709	0.6	V
9020	54142.84	33 26S	70 32W	109.3	187.7	2.872	3.15	30.7	SO409	.07190	6.4750	0.6	A
9021	54161.64	35 27S	69 34W	135.4	187.8	2.033	33.60	29.4	SO409	.03090	5.2408	0.6	F
9022	54171.64	35 27S	69 33W	137.7	187.9	1.687	34.65	29.4	SO409	.03090	5.1124	0.6	A
9023	54186.84	36 40S	73 1W	133.4	188.0	2.733	-35.70	28.9	SO409	.05410	5.4103	0.6	F
9024	54219.44	39 05S	72 24W	115.1	188.2	2.872	-13.30	25.7	SO409	.07190	6.1451	0.8	A
1561 9001	58533.44	23 34N	80 33W	85.8	187.5	2.733	26.60	71.4	SO312	.03150	6.4758	1.6	F
9002	58537.24	23 29N	80 33W	85.2	187.5	2.733	26.95	71.4	SO312	.03150	6.5994	0.8	V
9003	58540.44	23 29N	80 33W	86.7	187.5	2.511	27.65	71.4	SO312	.03150	6.4356	1.6	A
9001	58324.04	43 11N	77 34W	74.4	188.8	2.511	9.80	63.3	SO409	.07190	9.8621	1.2	V
9002	58366.24	40 26N	79 57W	93.9	188.4	2.033	-40.95	64.3	SO409	.05410	7.3088	3.0	V
9003	58534.24	23 20N	80 33W	85.9	187.5	2.733	26.60	71.4	SO409	.05410	8.4767	0.6	F
9004	58537.44	23 23N	80 34W	85.2	187.5	2.733	26.95	71.4	SO409	.05410	8.6004	0.6	V
9005	58540.44	23 23N	80 33W	86.5	187.5	2.511	27.65	71.4	SO409	.05410	8.3366	0.2	A
9006	58611.84	23 14N	82 18W	75.7	187.0	3.211	1.05	71.5	SO409	.07190	9.5570	5.0	F
9007	58620.24	23 2N	82 21W	75.9	187.0	3.211	1.40	71.5	SO409	.05410	9.5157	5.2	A
9008	58634.24	21 43N	82 56W	77.2	186.9	3.211	-13.65	71.1	SO409	.05410	9.4591	2.0	F
9009	58639.84	21 40N	82 56W	77.0	186.9	3.211	-12.60	71.1	SO409	.05410	9.3920	2.0	A
1562 9001	63739.43	35 16N	101 48W	73.7	187.9	2.872	3.85	68.2	SO312	.04150	9.8562	2.2	F
9002	63745.23	35 14N	101 49W	73.9	187.8	2.872	4.55	68.2	SO312	.04150	9.8032	2.2	A
9001	63740.43	35 14N	101 49W	73.8	187.9	2.872	3.85	68.2	SO409	.05410	9.8373	0.6	F
9002	63745.83	35 11N	101 50W	73.9	187.8	2.872	4.55	68.3	SO409	.05410	9.8043	0.6	A
9003	63895.83	24 50N	104 45W	80.5	187.1	3.090	-25.20	70.8	SO409	.05410	9.0210	0.8	A
9004	63903.23	24 27N	104 53W	81.1	187.0	3.090	-26.95	70.8	SO409	.05410	8.9550	1.0	A
9005	63908.83	24 21N	104 41W	76.6	187.0	3.090	-16.10	71.1	SO409	.05410	9.4428	1.2	A
1567 9001	3361.42	70 40N	162 24E	82.8	199.7	0.986	-17.85	39.3	SO409	.05410	8.7976	0.6	F
9002	3364.42	70 40N	162 24E	81.7	199.5	0.986	-17.85	39.3	SO409	.05410	8.9468	0.4	V
9003	3367.42	70 40N	162 23E	82.5	199.5	0.986	-17.85	39.3	SO409	.07190	8.7684	0.4	A
9004	3722.22	46 14N	150 35E	75.1	189.3	2.511	7.35	60.9	SO409	.04090	9.6559	0.4	F
9005	3725.02	46 14N	150 35E	74.2	189.3	2.511	7.70	60.9	SO409	.04090	9.8786	0.4	V
9006	3727.62	46 14N	150 35E	75.2	189.3	2.511	8.05	60.9	SO409	.05410	9.6394	0.4	A
9007	3735.82	45 56N	149 26E	77.7	189.2	2.385	-22.40	61.0	SO409	.05410	9.4250	0.4	V
9008	3738.62	45 56N	149 26E	78.5	189.1	2.385	-22.05	61.0	SO409	.05410	9.2519	0.4	A
1568 9001	8959.62	51 16N	128 28E	89.0	190.3	1.687	-34.65	56.4	SO312	.02260	8.1047	1.8	F
9002	8963.62	51 14N	128 27E	87.4	190.2	1.687	-34.30	56.5	SO312	.02260	8.3603	1.8	V
9003	9046.22	43 57N	126 32E	84.6	188.9	2.033	-31.15	62.1	SO312	.02260	8.5335	0.6	F
9004	9049.22	43 57N	126 32E	83.3	188.9	2.033	-30.80	62.1	SO312	.02260	8.7373	0.6	V
9001	8973.82	50 11N	129 29E	74.3	190.1	2.385	-0.35	57.7	SO409	.07190	9.7384	0.6	F
9002	8976.62	50 10N	129 28E	73.5	190.0	2.385	0.00	57.7	SO409	.07190	9.9715	0.6	V
9003	9049.22	43 57N	126 32E	83.3	188.9	2.033	-30.80	62.1	SO409	.05410	8.7383	0.4	V
9004	9072.22	43 57N	126 32E	84.0	188.9	2.385	-30.80	62.1	SO409	.05410	8.6582	0.6	A
9005	9088.82	42 20N	126 56E	75.6	188.7	2.733	-6.65	64.6	SO409	.07190	9.8291	0.4	F
9006	9091.42	42 20N	126 56E	72.7	188.7	2.733	-6.30	65.6	SO409	.07190	10.0847	0.6	V
9007	9120.22	40 13N	127 37E	89.2	188.4	2.385	32.55	65.6	SO409	.05410	8.2211	0.6	V

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1568 9008	9123.62	40 16N	127 38E	90.9	188.4	2.170	33.25	65.7	S0409	.05410	7.9655	0.6	A
9009	9169.62	36 42N	126 10E	78.1	188.0	2.872	16.10	67.6	S0409	.05410	9.3013	0.8	F
9010	9175.22	36 43N	126 11E	78.5	188.0	2.733	17.15	67.6	S0409	.05410	9.2024	0.8	A
9011	9492.02	14 34N	121 2E	78.5	186.6	3.439	-9.80	69.2	S0409	.05410	9.1941	0.4	F
9012	9494.82	14 34N	121 2E	77.7	186.6	3.439	-9.45	69.2	S0409	.05410	9.4168	0.4	V
9013	9498.02	14 33N	121 2E	78.6	186.6	3.439	-9.10	69.2	S0409	.05410	9.1941	1.0	A
1569 5001	14271.81	51 25N	106 29E	86.6	190.2	2.033	-32.90	56.3	S0312	.03150	8.3333	2.0	A
5002	14279.41	50 26N	106 25E	82.5	190.1	1.810	-28.00	57.2	S0312	.03150	8.7643	1.0	F
5003	14282.61	50 27N	106 24E	81.4	190.1	2.033	-28.00	57.2	S0312	.03150	8.9952	1.0	V
9001	14109.21	61 48N	113 9E	80.0	193.6	1.810	14.70	47.7	S0409	.07190	9.0642	0.8	F
9002	14114.81	61 48N	113 9E	80.0	193.5	1.687	15.40	47.7	S0409	.07190	9.0375	1.0	A
9003	14257.61	51 52N	107 44E	74.5	190.4	2.170	-5.60	56.2	S0409	.07190	9.7156	0.4	F
9004	14260.21	51 53N	107 45E	73.6	190.4	2.170	-5.25	56.2	S0409	.07190	9.9610	0.6	V
9005	14263.41	51 51N	107 42E	74.4	190.5	2.170	-5.60	56.3	S0409	.07190	9.7466	0.8	A
9006	14282.81	50 25N	106 24E	81.4	190.1	2.033	-28.00	57.2	S0409	.07190	8.9962	0.4	V
9007	14285.81	50 25N	106 24E	82.0	190.0	2.033	-27.65	57.2	S0409	.07190	8.8478	0.4	A
9008	14316.21	47 57N	106 47E	74.3	189.6	2.511	5.95	59.6	S0409	.05410	9.7631	0.4	F
9009	14394.01	47 26N	107 27E	84.5	189.5	2.170	28.35	60.2	S0409	.05410	8.6654	0.6	V
9010	14397.01	47 24N	107 27E	85.8	189.5	2.170	28.70	60.2	S0409	.04090	8.4108	0.6	A
9011	14446.41	36 11N	103 32E	73.2	188.0	2.872	1.75	67.6	S0409	.05410	9.9053	0.6	F
9012	14449.21	36 10N	103 31E	72.4	187.9	2.872	2.10	67.6	S0409	.05410	10.1259	0.6	V
9013	14604.21	28 13N	102 4E	76.1	187.3	2.872	13.65	71.1	S0409	.07190	9.6594	0.4	V
9014	14607.01	28 13N	102 4E	77.1	187.3	2.872	14.00	71.1	S0409	.05410	9.3673	0.4	A
9015	14865.81	9 50N	98 34E	82.0	186.5	3.211	9.45	67.3	S0409	.05410	8.8313	0.6	F
9016	14870.61	10 0N	98 33E	82.1	186.5	3.211	9.45	67.4	S0409	.05410	8.7571	0.8	A
1570 5001	19514.01	55 27N	85 59E	84.4	191.3	1.687	-28.70	53.0	S0312	.03150	8.5508	0.6	F
5002	19517.01	55 27N	85 59E	83.2	191.3	1.687	-28.35	53.0	S0312	.03150	8.8056	0.8	V
9001	19517.01	55 27N	85 59E	83.2	191.3	1.687	-28.35	53.0	S0409	.07190	8.8066	0.8	V
9002	19520.01	55 27N	85 59E	83.8	191.2	1.687	-28.00	53.0	S0409	.07190	8.6562	0.8	A
9003	19534.21	53 58N	86 40E	74.9	191.0	2.170	1.40	54.5	S0409	.07190	9.6642	0.8	F
9004	19539.61	53 58N	86 40E	74.9	190.9	2.170	2.10	54.5	S0409	.07190	9.6807	0.8	A
9005	19556.81	52 51N	85 8E	80.9	190.5	1.810	-24.15	55.5	S0409	.07190	8.9503	0.8	F
9006	19562.61	52 51N	85 8E	80.3	190.5	2.033	-23.80	55.5	S0409	.07190	9.0375	0.8	A
9007	19674.81	44 52N	83 46E	74.4	189.0	2.511	9.10	62.2	S0409	.07190	9.8621	1.0	V
9008	19991.61	22 58N	77 53E	82.0	187.0	2.872	-25.20	70.8	S0409	.05410	8.7301	1.2	F
9009	19997.61	22 58N	77 53E	81.5	186.9	3.090	-24.50	70.8	S0409	.05410	8.9055	1.0	A
9010	20175.21	10 0N	76 14E	79.6	186.5	3.439	2.80	67.2	S0409	.05410	9.1694	0.6	V
9011	20179.21	10 0N	76 13E	80.8	186.5	3.439	3.50	67.3	S0409	.05410	8.9158	0.4	A
1571 5001	25903.81	13 42S	47 30E	128.7	196.8	3.211	-43.40	46.6	S0312	.02260	5.5653	2.8	A
9001	24730.81	61 44N	67 6E	79.9	193.5	1.475	-20.65	47.5	S0409	.07190	9.1529	0.4	V
9002	24733.81	61 43N	67 6E	80.7	193.5	1.475	-20.65	47.5	S0409	.07190	8.9715	0.4	A
9003	24749.21	57 43N	65 42E	75.1	192.0	1.810	-8.75	51.2	S0409	.07190	9.7466	0.6	V
9004	24752.01	57 43N	65 42E	75.9	192.0	1.810	-8.40	51.2	S0409	.07190	9.5487	0.6	A
9005	24797.61	57 0N	65 42E	74.5	191.5	2.033	-2.45	51.8	S0409	.07190	9.8373	0.6	V
9006	24800.41	57 1N	65 42E	75.3	191.5	2.033	-2.10	51.8	S0409	.07190	9.6229	0.5	A
9007	24818.61	55 29N	65 20E	75.9	191.4	2.033	5.95	54.2	S0409	.07190	9.5405	0.6	F
9008	24824.01	55 29N	65 20E	75.8	191.3	2.033	6.30	53.2	S0409	.07190	9.5487	0.6	A
9009	24871.41	51 52N	64 13E	77.6	190.5	2.385	13.65	56.4	S0409	.07190	9.6343	0.8	F
9010	24877.01	51 51N	64 13E	77.9	190.4	2.170	14.70	56.4	S0409	.07190	9.6013	0.8	A
9011	24954.41	46 2N	63 19E	99.0	189.3	2.170	39.85	61.5	S0409	.05410	7.3718	0.6	F
9012	24961.41	46 2N	63 20E	99.9	189.2	1.810	39.90	61.5	S0409	.05410	7.2516	0.6	A
9013	25085.61	37 17N	58 55E	77.2	188.1	2.511	-21.35	66.6	S0409	.07190	9.3426	1.2	F
9014	25089.01	37 16N	58 55E	76.1	188.1	2.733	-21.00	66.6	S0409	.07190	9.6312	0.6	V
9015	25091.81	37 16N	58 55E	76.8	188.0	2.733	-20.65	66.6	S0409	.07190	9.4580	0.4	A
1572 5001	29807.80	76 16N	62 49E	81.0	208.6	0.776	4.55	33.6	S0312	.05390	8.9127	2.2	F
5002	29814.00	76 17N	62 46E	80.9	207.7	0.776	4.90	33.7	S0312	.05390	8.9457	2.4	A
5003	30044.00	61 2N	46 54E	84.4	193.4	1.810	24.85	48.4	S0312	.04150	8.6819	1.0	V
5004	30047.40	61 1N	46 53E	85.7	193.3	1.475	25.55	48.5	S0312	.03150	8.4593	1.6	A
5005	30494.60	30 30N	34 56E	86.0	187.4	2.511	-33.60	69.4	S0312	.03150	8.5005	1.6	V
5006	30498.40	30 27N	34 55E	86.9	187.4	2.733	-33.60	69.5	S0312	.03150	8.3768	1.8	A
5007	31443.60	34 4S	22 11E	135.6	187.8	3.090	-37.80	29.5	S0312	.04150	5.2520	2.8	A
9001	29808.60	76 16N	62 42E	81.0	206.4	0.776	4.55	33.7	S0409	.09670	8.9158	0.6	F
9002	29814.40	76 15N	62 42E	80.9	207.7	0.776	4.90	33.7	S0409	.09670	8.9468	0.6	A
9003	29858.80	73 21N	54 59E	84.6	202.9	0.776	-20.65	36.6	S0409	.07190	8.5097	1.0	F
9004	29864.80	73 21N	54 53E	84.2	202.4	0.776	-20.30	36.6	S0409	.07190	8.5339	1.0	A
9005	29886.40	71 53N	52 27E	85.1	200.6	0.776	-22.40	38.4	S0409	.07190	8.4603	1.0	F
9006	29892.60	71 54N	52 27E	84.7	200.2	0.996	-22.40	38.4	S0409	.07190	8.5427	1.0	A
9007	30041.00	61 4N	46 53E	85.3	193.4	1.810	24.50	48.4	S0409	.07190	8.5097	0.8	F
9008	30044.00	61 2N	46 54E	84.4	193.4	1.810	24.85	48.4	S0409	.07190	8.6329	1.0	V
9009	30096.80	57 54N	42 39E	84.2	192.0	1.475	-27.65	51.2	S0409	.07190	8.5592	0.8	F
9010	30099.80	57 54N	42 39E	83.0	191.9	1.687	-27.65	51.2	S0409	.07190	8.8251	0.8	V
9011	30109.20	56 54N	43 25E	75.3	191.7	2.033	-1.40	52.2	S0409	.07190	9.6064	0.6	F
9012	30110.60	56 54N	43 23E	75.2	191.7	2.033	-1.40	52.3	S0409	.07190	9.6147	1.0	F
9013	30116.00	56 54N	43 23E	75.1	191.6	2.033	-0.70	52.3	S0409	.07190	9.6477	1.0	A
9014	30125.80	56 53N	43 54E	80.8	191.4	2.033	19.60	53.1	S0409	.07190	8.9550	1.0	A
9015	30133.00	54 54N	43 20E	78.2	191.2	2.170	14.35	53.8	S0409	.07190	9.2644	0.6	F

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1572 9016	30135.80	54 54N	43 20E	77.4	191.2	2.170	14.70	53.8	S0409	.07190	9.4745	0.6	V
9017	30138.60	54 54N	43 20E	78.4	191.1	2.170	15.05	53.8	S0409	.07190	9.2554	0.6	A
9018	30155.80	53 49N	41 45E	75.8	190.8	2.033	-11.90	54.4	S0409	.07190	9.5522	0.8	F
9019	30161.20	53 49N	41 45E	75.6	190.7	2.170	-11.55	54.8	S0409	.07190	9.5900	1.0	A
9020	30169.20	52 48N	41 27E	74.9	190.6	2.170	-12.60	55.4	S0409	.07190	9.7714	0.6	V
9021	30172.00	52 48N	41 27E	75.7	190.5	2.170	-12.25	55.4	S0409	.07190	9.5317	0.6	A
9022	30175.60	52 49N	41 28E	75.1	190.5	2.170	-9.45	55.7	S0409	.07190	9.6359	0.6	A
9023	30184.00	51 47N	41 57E	77.5	190.4	2.385	13.65	56.7	S0409	.07190	9.3508	1.4	F
9024	30189.60	51 47N	41 58E	77.8	190.3	2.170	14.70	56.7	S0409	.07190	9.3396	1.4	A
9025	30230.60	48 41N	40 12E	74.3	189.7	2.385	-6.65	59.0	S0409	.07190	9.7384	1.2	F
9026	30236.00	48 41N	40 12E	74.2	189.6	2.385	-5.95	59.1	S0409	.07190	9.7796	1.2	A
9027	30244.20	47 47N	39 41E	75.6	189.5	2.385	-14.00	59.7	S0409	.07190	9.5652	0.4	F
9028	30246.20	47 49N	39 39E	75.6	189.5	2.385	-14.00	59.8	S0409	.07190	9.5570	0.8	F
9029	30251.60	47 49N	39 39E	75.3	189.4	2.385	-13.30	59.8	S0409	.07190	9.6512	0.4	A
9030	30255.40	46 52N	39 33E	74.3	189.4	2.385	-12.60	60.1	S0409	.07190	9.8621	0.6	V
9031	30265.00	45 50N	40 7E	77.1	189.3	2.511	13.65	61.2	S0409	.07190	9.4168	1.0	F
9032	30270.60	45 50N	40 7E	77.2	189.2	2.385	14.35	61.2	S0409	.07190	9.3673	1.0	A
9033	30412.20	36 10N	37 11E	74.0	187.9	2.872	1.75	67.6	S0409	.07190	9.7479	1.4	A
9034	30424.00	35 5N	36 48E	73.9	187.9	2.872	-3.85	68.1	S0409	.07190	9.8126	0.6	F
9035	30425.20	34 60N	36 46E	73.9	187.8	2.872	-3.85	68.1	S0409	.07190	9.7879	0.8	F
9036	30429.40	35 5N	36 48E	73.7	187.8	2.872	-2.80	68.1	S0409	.07190	9.8291	0.4	A
9037	30430.60	34 60N	36 47E	73.9	187.8	2.872	-2.80	68.2	S0409	.07190	9.7361	0.6	A
9038	30435.00	34 42N	36 33E	73.8	187.8	2.872	-5.60	68.3	S0409	.07190	9.8126	0.6	A
9039	30442.00	33 53N	35 59E	78.9	187.7	2.733	-23.45	68.3	S0409	.06090	9.1612	0.8	F
9040	30443.80	33 48N	35 58E	78.3	187.7	2.733	-23.45	68.4	S0409	.06090	9.2189	2.2	F
9041	30448.60	33 48N	35 58E	77.8	187.7	2.733	-22.40	68.4	S0409	.05410	8.3573	4.0	A
9042	30473.20	31 48N	34 56E	94.8	187.6	2.170	-40.25	68.8	S0409	.03090	7.5779	0.8	F
9043	30476.40	31 47N	34 56E	93.4	187.5	2.385	-40.25	68.8	S0409	.03090	7.8336	1.0	V
9044	30483.60	31 4N	35 10E	84.1	187.5	2.511	-30.45	69.3	S0409	.05410	8.5510	0.6	F
9045	30486.60	31 4N	35 9E	83.0	187.5	2.733	-30.45	69.3	S0409	.05410	8.8251	0.8	V
9046	30489.60	31 4N	35 9E	83.7	187.5	2.733	-30.10	69.4	S0409	.05410	8.6746	0.6	A
9047	30495.40	30 60N	34 55E	86.0	187.4	2.511	-33.60	69.5	S0409	.05410	8.5015	0.6	V
9048	30498.60	30 60N	34 55E	86.8	187.4	2.733	-33.60	69.5	S0409	.05410	8.3778	0.4	A
9049	30504.60	29 59N	34 57E	82.4	187.4	2.733	-27.65	69.9	S0409	.07190	8.7409	1.0	F
9050	30510.40	29 59N	34 58E	81.6	187.4	2.872	-26.60	69.9	S0409	.07190	8.8108	1.0	A
9051	30530.80	28 5N	34 24E	87.5	187.3	2.733	-34.65	70.1	S0409	.03090	8.3695	0.6	V
9052	30534.00	28 5N	34 24E	88.2	187.2	2.733	-34.30	70.1	S0409	.03090	8.2576	0.6	A
9053	31155.20	15 42S	28 17E	104.9	186.0	2.872	22.75	47.7	S0409	.05410	6.8688	0.8	F
9054	31159.00	15 42S	28 17E	104.2	186.7	2.872	23.10	47.7	S0409	.05410	6.9512	0.8	V
9055	31436.00	33 57S	22 37E	123.3	187.7	2.872	-30.45	29.6	S0409	.05410	5.8215	1.0	V
1573 5001	35033.40	80 41N	58 19E	83.9	225.4	0.629	10.15	28.6	S0312	.05390	8.5429	1.6	F
5002	35037.20	80 39N	58 5E	82.9	224.2	0.417	10.50	28.6	S0312	.05390	8.8056	1.2	V
5003	35211.20	69 59N	32 3E	86.1	199.4	1.332	22.75	40.0	S0312	.04150	8.4098	1.2	F
5004	35214.60	69 59N	32 2E	85.1	199.1	1.113	23.10	40.0	S0312	.04150	8.6077	1.0	V
5005	35218.80	69 40N	32 0E	88.0	198.9	1.113	26.95	40.3	S0312	.04150	8.3191	1.0	V
5006	35222.00	69 40N	31 60E	89.0	198.7	1.113	26.95	40.3	S0312	.04150	8.1245	1.2	A
5007	35295.60	65 4N	25 28E	77.8	193.2	1.475	-10.15	44.5	S0312	.05390	8.3167	1.6	A
5008	35402.20	57 21N	22 38E	82.0	192.0	2.033	21.00	51.7	S0312	.03150	8.8503	1.6	F
5009	35408.20	57 21N	22 36E	82.5	191.9	1.810	22.05	51.7	S0312	.03150	8.7726	2.2	A
5010	35422.80	56 21N	22 19E	84.6	191.6	1.810	25.20	52.6	S0312	.03150	8.5747	1.0	A
5011	35426.00	56 8N	22 14E	84.8	191.5	1.810	25.55	52.8	S0312	.03150	8.5500	2.0	A
5012	35535.20	48 40N	19 11E	81.3	189.7	2.170	22.05	59.0	S0312	.03150	8.9210	3.4	A
5013	35567.60	46 5N	18 9E	77.7	189.3	2.511	15.40	61.0	S0312	.03150	9.3497	1.6	F
5014	35571.40	46 3N	18 7E	77.0	189.3	2.511	15.75	61.1	S0312	.03150	9.3141	0.8	V
5015	35599.20	44 7N	16 14E	80.5	189.0	2.170	-25.90	62.0	S0312	.03150	8.9940	1.6	F
5016	35603.00	44 4N	16 12E	79.5	188.9	2.385	-25.90	62.1	S0312	.03150	9.2178	1.6	V
9001	35034.20	80 38N	58 3E	84.8	225.1	0.629	10.15	28.6	S0409	.09670	8.5839	0.6	F
9002	35037.20	80 38N	58 4E	82.9	224.2	0.417	10.50	28.6	S0409	.09670	8.8066	0.8	V
9003	35219.00	69 59N	31 59E	88.0	198.9	1.113	26.95	40.3	S0409	.07190	8.3201	0.4	V
9004	35222.20	69 59N	31 58E	89.0	198.7	1.113	26.95	40.3	S0409	.07190	8.1504	0.4	A
9005	35402.80	57 16N	22 36E	82.1	192.0	2.033	21.00	51.7	S0409	.07190	8.8313	0.6	F
9006	35408.60	57 15N	22 37E	82.5	191.9	1.810	22.05	51.7	S0409	.07190	8.7736	0.8	A
9007	35414.80	56 44N	21 57E	77.0	191.7	2.033	12.95	52.2	S0409	.07190	9.5197	0.6	V
9008	35417.60	56 44N	21 57E	78.0	191.7	2.033	13.30	52.2	S0409	.07190	9.2766	0.6	A
9009	35445.60	54 45N	20 27E	74.0	191.1	2.033	-3.15	55.8	S0409	.07190	9.9033	0.6	V
9010	35443.40	54 45N	20 27E	74.8	191.1	2.033	-2.80	55.8	S0409	.07190	9.6883	0.6	A
9011	35454.20	54 16N	20 49E	76.9	191.0	2.033	11.55	54.3	S0409	.07190	9.4035	0.8	A
9012	35444.40	51 54N	19 25E	74.4	190.4	2.170	-2.45	56.2	S0409	.07190	9.7501	0.6	F
9013	35490.40	51 50N	19 35E	74.7	190.4	2.170	3.50	56.3	S0409	.07190	9.6972	0.4	A
9014	35506.80	50 24N	18 38E	74.9	190.1	2.170	-10.15	57.4	S0409	.07190	9.6594	0.8	F
9015	35512.20	50 24N	18 38E	74.8	190.0	2.385	-9.80	57.4	S0409	.07190	9.6372	0.8	A
9016	35519.00	49 59N	18 13E	75.7	189.9	2.170	-14.35	58.0	S0409	.07190	9.5342	0.8	F
9017	35527.40	49 5N	18 55E	75.1	189.8	2.385	10.85	58.6	S0409	.07190	9.7549	0.6	V
9018	35530.20	49 5N	18 55E	76.1	189.8	2.385	11.20	58.6	S0409	.07190	9.5375	0.6	A
9019	35545.40	47 59N	19 1E	84.6	189.6	2.385	26.25	60.0	S0409	.05410	8.5757	0.6	F
9020	35548.40	47 59N	19 1E	84.0	189.5	2.170	26.95	60.0	S0409	.05410	8.7406	0.8	V
9021	35558.00	47 4N	17 44E	73.0	189.4	2.385	-5.60	60.1	S0409	.07190	10.0302	0.4	V
9022	35560.60	47 4N	17 44E	73.8	189.4	2.385	-5.25	60.1	S0409	.07190	9.8208	0.4	A
9023	35571.40	46 4N	18 7E	77.0	189.3	2.511	15.75	61.1	S0409	.07190	9.5322	0.4	V
9024	35574.20	46 4N	18 7E	78.0	189.2	2.511	16.10	61.1	S0409	.07190	9.2766	0.4	A
9025	35579.40	45 22N	17 42E	75.4	189.2	2.511	9.10	61.5	S0409	.07190	9.6147	0.6	F
9026	35584.80	45 22N	17 42E	75.6	189.1	2.511	9.80	61.5	S0409	.07190	9.5817	0.6	A
9027	35591.00	44 59N	17 18E	73.9	189.0	2.511	1.05	61.7	S0409	.07190	9.7961	0.8	A
9028	35609.80	43 59N	16 27E	74.6	188.6	2.511	-14.70	62.6	S0409	.09670	9.8126	0.6	V
9029	35612.60	43 59N	16 26E	75.4	188.3	2.511	-14.35	62.6	S0409	.09670	9.6147	0.4	A

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1573 9030	35762.60	32 53N	13 25E	84.7	187.6	2.511	-31.15	63.6	S0409	.04090	8.4332	0.6	F
9031	35766.20	32 51N	13 27E	82.4	187.6	2.511	-29.40	66.7	S0409	.05410	8.4726	0.4	V
9032	35769.20	32 51N	13 27E	82.9	187.6	2.733	-29.05	66.7	S0409	.05410	8.7571	0.4	A
9033	35853.00	26 54N	13 10E	76.4	187.2	3.090	8.05	71.3	S0409	.04090	9.4310	0.4	F
9034	35855.80	26 54N	13 10E	75.6	187.2	3.090	8.40	71.3	S0409	.04090	9.6389	0.4	V
9035	35858.60	26 54N	13 10E	76.6	187.2	3.090	8.75	71.4	S0409	.04090	9.4250	0.4	A
9036	36091.80	10 20N	9 49E	78.9	186.5	3.439	-5.25	67.2	S0409	.05410	9.2601	1.0	V
9037	36184.00	3 46N	8 48E	83.1	186.4	3.439	-0.35	63.1	S0409	.07190	8.6929	0.4	F
9038	36191.20	3 40N	8 34E	82.6	186.4	3.439	-8.05	62.8	S0409	.07190	8.8231	1.0	V
9039	36194.40	3 29N	8 33E	83.6	186.4	3.439	-7.70	62.7	S0409	.07190	8.6004	1.0	A
9040	36254.20	0 41S	8 45E	99.1	186.4	2.733	26.95	60.3	S0409	.05410	7.2069	1.0	A
1574 5001	40840.40	48 30N	4 27W	78.3	189.7	2.170	-21.00	58.7	S0312	.04150	9.2178	2.2	F
5002	40845.20	48 22N	4 28W	76.9	189.6	2.170	-19.95	58.9	S0312	.04150	9.5146	1.0	V
5003	40848.40	48 20N	4 29W	77.7	189.6	2.385	-19.95	58.9	S0312	.04150	9.3415	1.0	A
5004	41044.20	34 19N	6 34W	89.4	187.8	2.511	31.15	69.1	S0312	.03150	8.1460	2.2	F
9001	40845.60	48 20N	4 29W	76.9	189.6	2.170	-19.95	58.9	S0409	.09670	9.5157	0.6	V
9002	40848.40	48 20N	4 29W	77.7	189.6	2.385	-19.95	58.9	S0409	.09670	9.3426	0.6	A
9003	41052.00	34 1N	6 51W	83.2	187.7	2.511	25.55	69.1	S0409	.05410	8.8148	0.4	V
9004	41059.20	33 46N	7 22W	76.1	187.7	2.872	10.15	69.0	S0409	.07190	9.4992	1.6	A
9005	41110.60	30 26N	9 33W	94.2	187.4	2.511	-39.90	64.3	S0409	.03090	7.7264	1.2	A
9006	41309.00	16 53N	11 24W	79.2	186.7	3.439	-14.70	69.9	S0409	.05410	9.1199	1.0	A
9007	41364.00	12 53N	12 8W	80.0	186.6	3.439	-15.75	68.2	S0409	.05410	9.1282	1.0	V
9008	41421.40	9 50N	13 14W	90.5	186.5	3.211	-29.75	65.6	S0409	.05410	7.9525	0.6	F
9009	41424.60	8 51N	13 14W	89.3	186.5	3.211	-29.40	65.6	S0409	.05410	8.1634	0.6	V
9010	41429.20	8 50N	13 2W	85.2	186.5	3.439	-21.35	65.7	S0409	.05410	8.4767	1.2	A
1575 5001	47041.99	12 55S	39 37W	116.6	186.5	3.090	-40.60	46.8	S0312	.02260	6.2084	2.4	V
9001	46994.80	39 53N	28 43W	73.7	188.2	2.733	-3.15	66.1	S0409	.07190	9.8373	0.6	A
9002	46932.60	5 8S	36 35W	91.7	186.4	3.211	13.30	56.4	S0409	.05410	7.0665	1.0	F
9003	46932.20	5 22S	35 31W	129.6	186.4	1.810	44.45	57.0	S0409	.04090	5.4917	0.6	A
9004	47033.60	12 30S	39 6W	103.2	186.5	3.211	-29.05	49.3	S0409	.05410	6.9182	1.0	F
9005	47051.00	13 20S	39 3W	94.6	186.6	3.574	-23.10	48.8	S0409	.05410	7.1906	0.6	A
9006	47135.40	18 41S	39 50W	98.7	186.8	3.439	-16.10	44.2	S0409	.05410	7.5305	1.0	V
9007	47138.99	18 41S	40 2W	101.6	186.8	3.439	-18.20	43.5	S0409	.05410	7.0337	1.0	A
1576 5001	52393.99	16 9S	62 27W	123.2	186.7	3.090	-42.70	45.9	S0312	.02260	5.8703	2.6	V
5002	52400.19	16 30S	62 29W	121.9	186.7	3.090	-41.65	45.6	S0312	.02260	5.9363	2.2	V
5003	52402.39	16 3S	62 52W	126.2	186.8	2.872	-43.05	44.2	S0312	.02260	5.7137	2.4	V
5004	52427.79	18 7S	62 55W	128.5	186.8	3.090	-43.40	44.1	S0312	.02260	5.5300	2.4	A
5005	52935.39	52 30S	70 51W	128.8	190.5	2.170	-15.75	12.0	S0312	.05390	5.4663	1.2	F
5006	52946.79	53 0S	70 52W	129.2	190.8	2.385	-14.70	11.9	S0312	.05390	5.4498	0.8	A
9001	52197.59	3 1S	60 3W	117.5	186.4	2.872	-44.80	57.0	S0409	.03090	6.0772	0.3	F
9002	52202.59	3 4S	60 2W	114.7	186.4	3.090	-44.10	57.0	S0409	.04090	6.3410	1.0	V
9003	52207.19	3 8S	59 59W	113.3	186.4	3.090	-42.35	57.0	S0409	.04090	6.3740	1.2	A
9004	52223.99	4 22S	59 36W	94.5	186.4	3.574	-25.20	56.4	S0409	.05410	7.6109	1.0	A
9005	52388.39	16 8S	62 1W	110.6	186.7	3.090	-33.60	46.2	S0409	.05410	6.4462	1.0	F
9006	52404.79	16 42S	62 39W	128.2	186.7	3.211	-44.10	45.4	S0409	.04090	5.5906	1.0	A
9007	52415.19	17 0S	62 20W	110.7	186.7	3.090	-32.20	44.6	S0409	.05410	6.4400	0.8	F
9008	52503.59	24 14S	61 15W	125.6	187.0	2.385	33.25	40.0	S0409	.05410	5.7361	1.0	F
9009	52512.59	24 30S	60 58W	140.2	187.0	2.033	40.60	39.5	S0409	.04090	5.1124	1.0	F
9010	52521.79	24 0S	61 27W	124.6	187.1	2.033	32.20	39.4	S0409	.05410	5.6649	1.0	A
9011	52558.99	27 41S	61 52W	128.4	187.2	1.810	33.25	37.1	S0409	.05410	5.4999	1.2	A
9012	52573.19	28 46S	63 25W	105.0	187.3	3.090	-0.70	35.2	S0409	.07190	6.7446	1.0	F
9013	52579.59	28 40S	63 28W	105.4	187.3	3.090	-1.75	35.3	S0409	.07190	6.7286	0.8	A
9014	52545.39	29 21S	63 26W	104.9	187.4	3.090	2.80	34.7	S0409	.07190	6.8605	1.2	V
9015	52587.59	29 49S	63 27W	105.0	187.4	3.090	2.80	34.6	S0409	.07190	6.8440	1.2	V
9016	52602.59	30 40S	64 47W	115.9	187.4	3.090	-26.25	33.0	S0409	.05410	6.1266	1.0	F
9017	52612.79	31 20S	64 11W	107.1	187.5	3.090	-8.65	32.6	S0409	.07190	6.6461	0.4	F
9018	52616.79	31 40S	64 15W	106.3	187.5	3.090	-8.05	32.6	S0409	.07190	6.7616	0.6	V
9019	52620.59	31 20S	64 16W	107.9	187.5	3.090	-7.70	32.6	S0409	.07190	6.5302	0.6	A
9020	52624.59	32 10S	64 26W	108.1	187.6	3.090	-8.75	31.9	S0409	.07190	6.5302	0.6	F
9021	52628.59	32 10S	64 27W	107.0	187.6	3.090	-8.40	31.9	S0409	.07190	6.7203	0.4	V
9022	52632.59	32 10S	64 26W	108.4	187.6	3.090	-7.70	31.9	S0409	.07190	6.5389	0.4	A
9023	52640.39	33 5S	64 15W	107.6	187.6	2.872	1.75	31.2	S0409	.05410	6.6709	0.8	V
9024	52644.39	33 3S	64 15W	109.3	187.7	2.872	2.45	31.3	S0409	.05410	6.4647	0.8	A
9025	52653.59	34 20S	63 40W	121.0	187.7	2.385	22.40	30.4	S0409	.05410	5.8875	1.0	F
9026	52657.59	34 37S	63 43W	121.6	187.8	2.385	22.75	30.1	S0409	.05410	5.8628	1.0	F
9027	52659.99	34 46S	63 45W	121.7	187.8	2.385	22.75	30.0	S0409	.05410	5.8545	0.8	F
9028	52661.39	34 52S	63 46W	121.8	187.8	2.385	22.75	29.9	S0409	.05410	5.8463	1.0	F
9029	52666.79	34 55S	63 54W	118.7	187.8	2.385	20.65	29.8	S0409	.05410	6.0659	1.0	V
9030	52671.79	34 50S	63 44W	124.7	187.8	2.170	24.85	29.8	S0409	.05410	5.6484	0.8	A
9031	52678.39	35 40S	63 26W	135.1	187.9	1.810	33.25	29.3	S0409	.05410	5.3103	1.4	V
9032	52684.79	36 10S	63 50W	126.8	187.9	2.033	27.30	28.8	S0409	.05410	5.6484	1.0	V
9033	52690.79	36 26S	64 16W	119.7	188.0	2.170	20.30	28.3	S0409	.05410	5.9947	1.2	V
9034	52698.59	36 45S	64 26W	119.9	188.0	2.170	18.20	28.0	S0409	.05410	5.8793	0.8	A
9035	52703.39	37 0S	64 45W	117.5	188.1	2.385	14.70	27.1	S0409	.07190	6.0524	1.0	F
9036	52710.79	37 20S	64 1W	133.8	188.1	1.810	30.10	27.5	S0409	.05410	5.2526	1.0	A
9037	52730.79	38 37S	64 9W	139.3	188.3	1.475	32.90	26.2	S0409	.05410	5.0464	1.0	A
9038	52741.39	39 20S	64 27W	135.7	188.4	1.687	31.15	25.2	S0409	.05410	5.2690	1.0	V
9039	52749.99	40 34S	67 45W	134.8	188.5	3.090	-33.95	23.5	S0409	.05410	5.2526	1.0	A
9040	52812.79	44 57S	67 1W	119.2	189.0	2.385	4.90	20.1	S0409	.07190	5.9452	1.0	F

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1576 9041	52835.39	45 46S	67 26W	119.5	189.1	2.511	1.40	13.2	S0409	.07190	5.9205	0.4	F
9042	52833.99	45 45S	67 28W	120.1	189.2	2.385	1.40	13.2	S0409	.07190	5.8545	1.2	A
9043	52912.59	51 05S	69 17W	124.2	190.3	2.170	1.40	13.7	S0409	.09670	5.6313	1.0	F
9044	52917.19	51 05S	69 17W	123.2	190.3	2.170	1.75	13.7	S0409	.09670	5.7303	1.0	V
9045	52922.39	51 06S	69 12W	125.4	190.4	2.170	3.85	13.7	S0409	.09670	5.5906	0.6	A
1577 5001	57488.99	2 7S	79 52W	99.0	186.4	2.872	27.30	59.2	S0312	.03150	7.3527	1.4	V
5002	57493.39	2 10S	79 51W	101.9	186.4	2.511	28.35	59.2	S0312	.03150	7.0741	1.8	A
5003	57532.99	5 10S	80 5W	111.0	186.4	2.511	35.35	56.9	S0312	.02260	6.5547	2.0	V
9001	57098.39	24 49N	75 39W	76.5	187.1	3.211	6.30	71.5	S0409	.05410	9.4828	0.6	F
9002	57120.59	23 50N	75 47W	78.3	187.0	3.090	11.55	71.7	S0409	.05410	9.2106	0.6	A
9003	57162.59	20 54N	76 18W	78.4	186.9	3.211	9.80	71.5	S0409	.05410	9.2601	0.6	F
9004	57163.99	20 46N	76 19W	78.3	186.9	3.211	9.80	71.5	S0409	.05410	9.2601	0.6	F
9005	57158.39	20 53N	76 18W	78.8	186.9	3.211	10.85	71.5	S0409	.05410	9.1529	0.4	A
9006	57159.39	20 49N	76 18W	78.8	186.9	3.211	10.85	71.5	S0409	.05410	9.1612	0.4	A
9007	57443.99	1 0N	79 37W	89.5	186.4	3.090	17.85	61.4	S0409	.05410	8.1504	1.0	V
9008	57448.99	0 54S	79 50W	87.3	186.4	3.090	10.85	61.2	S0409	.05410	8.2129	0.4	A
9009	57464.59	0 54S	80 23W	85.2	186.4	3.574	-2.45	59.8	S0409	.05410	8.4303	0.8	F
9010	57469.99	0 50S	80 41W	86.2	186.4	3.574	-11.55	59.4	S0409	.05410	8.3448	0.8	F
9011	57477.19	1 1S	80 28W	85.8	186.4	3.574	-1.05	59.5	S0409	.05410	8.3695	0.8	A
9012	57485.39	2 7S	79 52W	99.2	186.4	2.872	26.60	59.2	S0409	.05410	7.2376	1.2	F
9013	57488.99	2 7S	79 52W	98.9	186.4	2.872	27.30	59.2	S0409	.05410	7.3535	1.2	V
9014	57500.99	2 50S	79 47W	106.6	186.4	2.385	33.60	58.6	S0409	.05410	6.8193	0.6	V
9015	57507.39	3 54S	80 28W	91.3	186.4	3.090	14.70	57.9	S0409	.05410	7.8395	0.6	F
9016	57513.59	3 55S	80 27W	92.7	186.4	3.090	16.45	57.8	S0409	.05410	7.7899	0.6	A
9017	57522.99	4 49S	79 60W	109.2	186.4	2.385	34.65	57.4	S0409	.05410	6.6461	0.4	V
9018	57528.39	4 50S	80 16W	102.2	186.4	2.511	29.05	57.0	S0409	.05410	7.1162	0.8	V
1578 5001	62219.19	37 14N	95 20W	73.6	188.1	2.872	-4.20	66.8	S0312	.04150	9.0279	2.2	F
5002	62224.99	37 12N	95 20W	73.7	188.0	2.872	-3.15	66.9	S0312	.04150	9.0562	1.6	A
5003	62283.99	32 49N	96 48W	78.2	187.5	2.733	-21.35	63.8	S0312	.03150	8.2260	1.2	F
5004	62287.39	32 48N	96 48W	77.2	187.5	2.733	-21.00	63.8	S0312	.03150	8.4399	1.6	V
9001	62072.39	47 06N	92 54W	74.2	189.3	2.385	-13.65	59.6	S0409	.07190	9.8165	1.4	V
9002	62193.39	39 06N	94 29W	74.5	188.6	2.733	9.80	65.9	S0409	.07190	9.8373	3.0	V
9003	62220.19	37 9N	95 21W	73.7	188.1	2.872	-4.20	66.9	S0409	.05410	9.8291	0.6	F
9004	62225.39	37 10N	95 20W	73.6	188.0	2.872	-3.15	66.9	S0409	.05410	9.8373	0.8	A
9005	62244.59	32 46N	96 46W	78.3	187.5	2.733	-21.35	63.8	S0409	.05410	9.2271	0.6	F
9006	62247.39	32 46N	96 46W	77.2	187.5	2.733	-21.00	63.8	S0409	.07190	9.4410	0.6	V
9007	62382.19	26 4N	98 13W	80.2	187.1	2.872	-23.10	70.7	S0409	.05410	9.9480	0.4	F
9008	62422.19	23 55N	97 44W	73.4	187.0	3.090	14.00	71.7	S0409	.05410	9.0252	0.8	A
9009	62434.19	22 50N	97 51W	82.7	186.9	3.090	19.95	71.8	S0409	.05410	8.7736	1.6	F
9010	62440.19	22 50N	97 50W	83.6	186.9	2.872	21.35	71.9	S0409	.05410	8.8252	1.6	A
9011	62464.79	20 49N	98 57W	75.8	186.8	3.211	-8.75	71.0	S0409	.07190	9.5405	0.8	F
9012	62470.19	20 7N	98 47W	74.6	186.8	3.211	0.70	71.1	S0409	.07190	9.8208	0.6	V
9013	62472.99	20 0N	98 47W	75.6	186.8	3.211	1.05	71.1	S0409	.07190	9.5652	0.4	A
9014	62477.99	19 47N	99 1W	75.7	186.8	3.439	-6.65	70.9	S0409	.07190	9.5570	2.0	A
9015	62496.99	19 10N	99 29W	77.5	186.8	3.211	-15.05	70.4	S0409	.05410	9.4553	1.0	V
9016	62502.19	19 9N	99 32W	78.7	186.7	3.439	-15.75	70.3	S0409	.05410	9.2024	1.2	A
1581 5001	76816.58	51 10N	12 45E	123.9	349.9	-2.387	-29.75	-14.5	S0312	.29710	9.7467	1.6	F
5002	76819.58	51 11N	12 43E	123.8	349.8	-2.387	-29.75	-14.4	S0312	.29710	9.7467	1.0	F
5003	76824.78	51 29N	12 58E	129.0	349.7	-2.167	-34.30	-14.4	S0312	.29710	9.5308	1.6	V
5004	76833.38	51 45N	12 22E	119.6	349.6	-2.028	-27.30	-14.0	S0312	.29710	9.9445	2.0	A
5005	76839.38	52 0N	12 12E	119.0	349.5	-2.028	-26.95	-13.6	S0312	.29710	9.9775	1.4	A
5006	76845.58	52 06N	12 55E	137.7	349.4	-1.812	-39.55	-13.1	S0312	.29710	9.2355	0.4	V
5007	76851.98	53 1N	13 11E	147.4	349.3	-1.685	-43.05	-13.1	S0312	.29710	9.0150	2.4	A
1583 5001	2074.57	56 02N	161 14E	81.0	191.8	1.810	21.35	52.0	S0312	.04150	9.0529	0.4	V
5002	2077.37	56 03N	161 19E	82.2	191.7	1.810	21.70	52.0	S0312	.04150	8.8138	0.8	A
5003	2166.17	50 05N	156 41E	88.1	190.1	1.810	-35.00	56.5	S0312	.02260	8.3026	0.4	V
5004	2169.37	50 05N	156 41E	89.9	190.1	2.033	-35.00	56.5	S0312	.02260	8.1472	0.4	A
9001	1909.77	68 0N	166 35E	78.4	197.6	1.113	-12.25	41.6	S0409	.07190	9.3178	0.8	V
9002	1912.77	68 0N	166 33E	79.3	197.1	1.332	-12.60	41.6	S0409	.07190	9.1282	0.8	A
9003	2054.97	57 07N	162 3E	85.1	192.2	2.033	24.55	51.1	S0409	.05410	8.5262	0.8	F
9004	2057.97	57 06N	162 2E	84.1	192.2	1.810	25.20	51.1	S0409	.05410	8.7241	0.8	V
9005	2063.57	57 04N	161 37E	82.4	192.0	2.033	22.05	51.5	S0409	.07190	8.7571	1.0	F
9006	2065.57	57 16N	161 33E	82.6	192.0	2.033	22.05	51.7	S0409	.07190	8.7756	0.6	F
9007	2069.57	57 24N	161 38E	83.2	191.9	1.810	23.10	51.6	S0409	.07190	8.6911	1.0	A
9008	2074.37	56 53N	161 19E	81.8	191.8	1.810	21.35	52.0	S0409	.07190	9.0540	0.6	V
9009	2077.37	56 53N	161 19E	82.1	191.7	1.810	21.70	52.0	S0409	.07190	8.8148	0.4	A
9010	2082.77	56 40N	160 52E	78.6	191.5	2.033	16.80	52.4	S0409	.05410	9.3261	0.6	V
9011	2085.77	56 40N	160 52E	79.7	191.5	1.810	17.50	52.5	S0409	.05410	9.0869	0.4	A
9012	2131.37	52 58N	159 26E	74.3	190.7	2.170	-10.50	55.1	S0409	.07190	9.6642	0.4	F
9013	2133.97	52 59N	159 26E	73.9	190.7	2.170	-10.50	55.1	S0409	.07190	9.9115	0.4	V
9014	2140.77	52 48N	159 27E	74.6	190.5	2.170	-3.50	55.7	S0409	.09670	9.7054	0.8	F
9015	2146.17	52 48N	159 27E	74.5	190.5	2.170	-2.80	55.7	S0409	.09670	9.7584	0.8	A
1584 9001	7474.17	50 30N	137 5E	88.6	190.2	2.033	31.50	57.5	S0409	.05410	8.2706	0.6	V
9002	7477.37	50 30N	137 5E	90.0	190.1	2.033	31.15	57.5	S0409	.05410	8.0315	0.8	A
9003	7503.57	48 36N	135 2E	74.2	189.7	2.385	-4.90	58.7	S0409	.09670	9.7549	0.6	F

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1584 9004	7506.37	49 06N	135 2E	73.3	189.7	2.385	-4.55	58.7	S0409	.09670	10.0023	0.6	V
9005	7511.57	48 2N	135 6E	74.4	189.6	2.511	2.80	59.3	S0409	.05410	9.7384	0.8	F
9006	7516.97	48 1N	135 6E	74.4	189.6	2.511	3.50	59.3	S0409	.05410	9.7384	0.8	A
9007	7571.77	44 10N	133 16E	76.2	188.9	2.385	-19.25	62.0	S0409	.07190	9.6229	0.4	V
9008	7574.37	44 11N	133 15E	76.9	188.9	2.385	-18.90	61.9	S0409	.07190	9.4415	0.6	A
9009	7591.17	42 04N	132 22E	86.3	188.7	2.170	-34.30	62.6	S0409	.05410	8.4685	0.6	V
9010	7594.37	42 03N	132 22E	87.0	188.7	2.170	-33.95	62.6	S0409	.05410	8.3448	0.6	A
9011	7759.17	31 24N	130 51E	74.8	187.5	3.090	3.85	69.8	S0409	.07190	9.6724	1.0	A
9012	7767.37	30 25N	130 59E	78.8	187.5	2.872	14.10	70.4	S0409	.05410	9.2189	0.8	F
9013	7772.97	30 26N	130 59E	79.3	187.4	2.872	17.15	70.4	S0409	.05410	9.1117	0.8	A
9014	A337.97	8 19S	122 59E	93.9	186.5	3.574	-18.90	53.3	S0409	.05410	7.6439	0.6	A
9015	A604.17	27 9S	119 55E	104.4	187.2	3.211	-3.85	36.2	S0409	.07190	6.8358	0.8	F
9016	A610.17	27 10S	119 55E	103.4	187.2	3.211	-3.15	36.7	S0409	.07190	6.9677	0.6	V
9017	A613.97	27 9S	119 55E	104.9	187.2	3.211	-2.80	36.8	S0409	.05410	6.7698	0.6	A
9018	A726.77	35 0S	117 54E	111.2	187.3	2.872	-11.20	29.3	S0409	.07190	6.4565	0.8	V
1585 9001	12748.97	51 05N	113 4E	81.9	190.4	1.810	-26.95	56.1	S0312	.03150	8.7973	1.6	F
9002	12773.97	51 06N	113 4E	81.8	190.3	2.033	-26.95	56.0	S0312	.03150	8.8962	2.6	A
9003	12778.57	51 19N	112 58E	81.7	190.2	2.033	-26.95	56.3	S0312	.03150	8.9045	0.4	A
9001	12749.37	52 04N	113 39E	80.0	190.7	1.810	-23.80	55.0	S0409	.07190	9.0045	1.0	F
9002	12755.17	52 04N	113 39E	79.6	190.6	2.033	-23.45	55.0	S0409	.07190	9.1199	0.8	A
9003	12761.57	52 3N	113 32E	77.7	190.5	2.033	-19.25	55.8	S0409	.07190	9.2931	0.6	F
9004	12764.37	52 3N	113 33E	76.6	190.4	2.033	-18.50	55.8	S0409	.07190	9.5652	0.6	V
9005	12768.97	51 04N	113 3E	82.0	190.4	1.810	-26.95	56.1	S0409	.07190	8.7983	0.6	F
9006	12774.77	51 03N	113 3E	81.8	190.3	2.033	-26.95	56.1	S0409	.07190	8.8973	0.6	A
9007	12930.17	40 44N	109 55E	81.3	188.5	2.385	-29.40	64.2	S0409	.05410	9.0045	0.4	V
9008	12933.17	40 44N	109 55E	82.0	188.4	2.385	-29.05	64.2	S0409	.05410	8.8643	0.8	A
9009	12959.57	38 03N	110 56E	80.8	188.2	2.511	22.40	66.4	S0409	.05410	9.1694	0.6	V
9010	12962.57	38 02N	110 56E	81.2	188.2	2.511	22.75	66.4	S0409	.05410	8.9355	0.4	A
9011	13014.57	34 29N	109 33E	75.2	187.8	2.872	8.40	68.5	S0409	.07190	9.6477	0.6	F
9012	13019.37	34 29N	109 33E	74.4	187.8	2.872	8.75	68.5	S0409	.07190	9.8558	0.4	V
9013	13022.77	34 4N	109 24E	74.7	187.8	2.872	6.30	68.7	S0409	.07190	9.7156	0.4	F
9014	13025.37	34 3N	109 24E	73.9	187.7	2.872	6.65	68.7	S0409	.07190	9.9200	0.6	V
9015	13054.17	31 39N	108 11E	78.7	187.6	2.733	-22.75	69.1	S0409	.05410	9.1694	0.4	F
9016	13059.77	31 38N	108 12E	77.9	187.5	2.872	-21.35	69.1	S0409	.05410	9.3013	0.8	A
9017	13062.17	29 03N	107 30E	81.8	187.4	2.733	-28.35	69.8	S0409	.07190	8.9550	0.6	V
9018	13096.17	29 03N	107 30E	82.5	187.4	2.733	-28.00	69.8	S0409	.07190	8.7983	0.8	A
9019	13111.77	28 2N	107 7E	84.4	187.3	2.733	-30.80	70.1	S0409	.05410	8.5345	0.6	F
9020	13114.77	28 2N	107 7E	83.2	187.3	2.733	-30.45	70.1	S0409	.05410	8.7983	0.6	V
9021	13117.37	27 54N	107 5E	83.4	187.2	2.733	-30.80	70.2	S0409	.05410	8.7736	0.8	V
9022	13120.37	27 54N	107 5E	84.2	187.2	2.733	-30.45	70.2	S0409	.05410	8.6252	0.8	A
9023	13126.17	27 16N	106 49E	87.3	187.2	2.733	-35.00	70.2	S0409	.05410	8.3776	0.4	V
9024	13128.37	27 16N	106 49E	88.0	187.2	2.733	-34.65	70.2	S0409	.05410	8.2541	0.4	A
9025	13139.57	26 19N	106 43E	82.5	187.2	2.733	-29.75	70.5	S0409	.05410	8.8643	0.4	V
9026	13156.17	24 52N	107 35E	77.3	187.1	3.090	10.85	71.6	S0409	.05410	9.5358	0.4	F
9027	13161.77	24 52N	107 35E	77.7	187.1	3.090	11.90	71.6	S0409	.05410	9.2931	0.4	A
9028	13179.57	23 20N	106 35E	77.9	187.0	3.090	-17.50	71.8	S0409	.05410	9.2584	0.4	F
9029	13191.57	22 24N	107 17E	81.2	187.0	3.090	17.50	71.8	S0409	.05410	8.9385	0.6	F
9030	13195.37	22 3N	107 8E	79.4	186.9	3.090	13.65	71.7	S0409	.05410	9.1282	0.8	F
9031	13201.17	22 3N	107 8E	80.1	186.9	3.090	15.05	71.7	S0409	.04090	8.9962	0.8	A
9032	13211.37	21 0N	106 43E	77.2	186.9	3.211	5.25	71.4	S0409	.05410	9.3836	0.6	F
9033	13219.37	20 59N	106 41E	77.5	186.9	3.211	5.95	71.4	S0409	.05410	9.3096	10.6	A
9034	13256.37	16 24N	105 55E	77.3	186.8	3.439	-6.30	70.6	S0409	.05410	9.3508	1.4	A
9035	13284.57	16 03N	104 46E	93.3	186.7	3.090	-36.40	69.3	S0409	.04090	7.7593	0.6	A
9036	13300.37	15 10N	104 54E	92.8	186.6	3.211	-24.15	69.2	S0409	.05410	8.8148	0.6	V
9037	13303.37	15 10N	104 54E	88.6	186.6	3.211	-23.80	69.2	S0409	.05410	9.6417	0.6	A
9038	13312.37	14 23N	104 44E	82.7	186.6	3.211	-25.20	68.8	S0409	.05410	9.8251	0.6	V
9039	13320.37	13 46N	104 59E	78.4	186.6	3.439	-10.85	68.9	S0409	.05410	9.3178	1.0	V
9040	13342.57	12 16N	104 40E	79.4	186.6	3.439	-12.60	68.2	S0409	.05410	9.2024	0.8	V
9041	13345.57	12 16N	104 40E	80.3	186.6	3.439	-12.25	68.2	S0409	.05410	8.9860	0.8	A
9042	13347.97	12 19N	104 21E	80.9	186.5	3.439	-11.90	67.1	S0409	.05410	8.9168	0.4	F
1586 9001	17896.96	63 48N	97 34E	75.9	194.5	1.475	-3.50	45.6	S0409	.07190	9.6559	0.6	V
9002	17899.76	63 49N	97 34E	76.6	194.5	1.475	-3.15	45.6	S0409	.07190	9.4498	0.6	A
9003	18010.96	56 0N	93 27E	74.4	191.5	2.033	-7.00	52.4	S0409	.07190	9.8456	0.6	V
9004	18013.76	56 0N	93 27E	75.2	191.5	2.033	-6.65	52.4	S0409	.07190	9.6477	0.8	A
9005	18219.76	41 44N	88 24E	76.5	188.6	2.511	-19.60	63.7	S0409	.05410	9.4333	0.6	F
9006	18222.56	41 43N	88 24E	75.4	188.6	2.511	-19.25	63.7	S0409	.05410	9.7054	0.4	V
9007	18225.36	41 43N	88 24E	76.1	188.6	2.511	-18.90	63.7	S0409	.05410	9.5322	0.4	A
9008	18235.76	40 43N	89 4E	75.1	188.5	2.733	12.25	64.8	S0409	.05410	9.7549	0.6	V
9009	18238.56	40 43N	89 4E	76.1	188.4	2.733	12.60	64.8	S0409	.05410	9.5075	0.6	A
9010	18522.56	20 06N	85 11E	88.3	186.9	2.733	28.00	71.9	S0409	.05410	8.2371	0.6	V
9011	18525.76	20 06N	85 11E	89.9	186.9	2.511	28.70	71.9	S0409	.05410	8.0150	0.6	A
9012	18568.16	17 44N	83 17E	82.4	186.7	3.211	-23.10	70.1	S0409	.07190	8.7406	0.8	F
9013	18571.16	17 44N	83 17E	81.3	186.7	3.211	-22.75	70.1	S0409	.07190	8.9797	0.4	V
1587 5001	23436.76	47 04N	67 40E	82.0	189.6	2.033	-27.65	59.0	S0312	.02250	8.8056	0.6	F
5002	23439.76	47 04N	67 40E	80.8	189.5	2.033	-27.30	59.0	S0312	.02250	9.0694	0.6	V
9001	23115.76	69 14N	81 30E	84.6	198.6	1.332	20.65	40.5	S0409	.07190	8.5592	0.8	F
9002	23118.76	69 13N	81 29E	83.5	198.4	1.332	20.65	40.5	S0409	.07190	8.7654	0.8	V
9003	23401.16	50 03N	68 21E	83.4	190.1	1.810	-30.10	56.8	S0409	.07190	8.7736	0.8	V
9004	23404.16	50 03N	68 21E	84.1	190.0	2.033	-30.10	56.8	S0409	.07190	8.6334	0.8	A
9005	23439.56	47 04N	67 40E	80.8	189.6	2.033	-27.30	59.0	S0409	.05410	9.0705	0.6	V

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4x54 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1587 9006	23442.56	47 54N	67 40E	81.5	189.3	2.033	-26.95	59.0	S0409	.05410	8.9134	0.6	A
9007	23466.76	45 47N	67 50E	73.9	189.2	2.511	-5.25	60.9	S0409	.07190	9.7961	0.8	F
9008	23472.16	45 46N	67 50E	73.8	189.2	2.511	-4.55	60.9	S0409	.07190	9.8291	0.8	A
9009	23485.76	44 54N	66 16E	92.4	189.0	1.810	-38.50	61.3	S0409	.04090	7.7758	1.0	F
9010	23489.16	44 53N	66 16E	90.9	189.0	1.810	-38.15	61.3	S0409	.04090	8.0480	0.8	V
9011	23492.56	44 53N	66 15E	92.1	188.9	2.033	-38.50	61.3	S0409	.04090	7.8995	0.8	A
9012	23509.36	42 49N	67 27E	75.6	188.8	2.733	9.45	63.3	S0409	.05410	9.5382	1.0	F
9013	23514.76	42 49N	67 27E	75.8	188.7	2.511	10.50	63.3	S0409	.05410	9.5570	1.0	A
9014	23554.56	39 49N	65 33E	81.5	188.4	2.385	-27.65	64.8	S0409	.05410	8.8478	0.6	F
9015	23560.36	39 49N	65 33E	80.9	188.3	2.511	-26.95	64.8	S0409	.05410	8.9715	0.6	A
9016	23570.56	39 9N	65 10E	86.1	188.2	2.385	-33.25	65.1	S0409	.04090	8.4458	0.6	A
1588 5001	28576.76	59 12N	49 48E	82.2	192.6	1.475	-24.50	49.5	S0312	.04150	8.7726	0.6	F
5002	28579.56	59 10N	49 48E	81.1	192.5	1.687	-24.50	49.5	S0312	.04150	9.0282	0.4	V
5003	28581.96	59 7N	49 45E	81.0	192.5	1.687	-24.50	49.6	S0312	.04150	9.0564	0.6	V
5004	28583.96	59 7N	49 45E	81.7	192.4	1.687	-24.15	49.6	S0312	.04150	8.8880	0.6	A
5005	28587.76	58 59N	49 38E	79.9	192.3	1.687	-22.75	50.0	S0312	.04150	9.1601	0.4	V
5006	28590.56	58 40N	49 36E	80.7	192.3	1.687	-22.40	50.0	S0312	.04150	9.0117	0.6	A
5007	28608.76	57 2N	48 48E	82.3	191.8	1.687	-25.55	51.4	S0312	.03150	8.7726	0.6	F
5008	28611.76	57 2N	48 47E	81.3	191.8	1.687	-25.55	51.4	S0312	.04150	9.0054	0.6	V
5009	28614.56	56 51N	48 42E	81.5	191.7	1.687	-25.90	51.6	S0312	.03150	8.9469	0.4	V
5010	28617.56	56 51N	48 40E	82.6	191.7	1.687	-26.25	51.6	S0312	.03150	8.7973	0.4	A
5011	28621.56	56 30N	48 22E	85.5	191.6	1.687	-30.10	51.8	S0312	.03150	8.5005	0.4	A
5012	28629.96	55 51N	48 30E	78.8	191.4	1.687	-21.35	52.5	S0312	.04150	9.3303	0.6	V
5013	28631.76	55 51N	48 30E	79.5	191.4	1.687	-21.00	52.5	S0312	.04150	9.1436	0.6	A
5014	28640.36	52 9N	47 6E	79.7	190.5	2.033	-22.75	55.6	S0312	.03150	9.0694	1.0	F
5015	28646.16	52 9N	47 6E	79.5	190.4	2.033	-22.40	55.6	S0312	.03150	9.1318	1.0	A
5016	28694.56	51 27N	46 15E	89.0	190.3	1.687	-35.70	56.0	S0312	.03150	8.2202	0.6	V
5017	28697.76	51 27N	46 16E	89.7	190.2	1.687	-35.35	56.0	S0312	.03150	8.1150	0.6	A
5018	29220.76	15 18N	39 44E	87.1	186.6	2.872	22.40	70.3	S0312	.03150	8.2779	1.4	A
9001	28497.96	54 12N	55 17E	86.7	195.0	1.687	25.55	45.3	S0409	.07190	9.3643	1.0	F
9002	28504.16	54 12N	55 18E	86.9	194.8	1.475	26.25	45.3	S0409	.07190	9.3118	1.0	A
9003	28525.96	53 51N	48 30E	80.0	191.5	1.687	-21.70	52.5	S0409	.09670	9.8292	0.6	F
9004	28529.76	53 51N	48 30E	78.8	191.4	1.687	-21.35	52.5	S0409	.09670	9.3013	0.6	V
9005	28549.36	52 49N	48 20E	75.0	191.0	2.033	-12.25	53.8	S0409	.07190	9.7551	0.4	V
9006	28552.16	52 49N	48 20E	75.8	191.0	2.033	-11.90	53.8	S0409	.07190	9.5735	0.4	A
9007	28557.36	52 9N	48 14E	75.4	190.9	2.170	-10.85	54.1	S0409	.07190	9.6364	0.6	A
9008	28664.36	53 10N	48 22E	74.8	190.8	2.170	1.05	55.0	S0409	.07190	9.6307	0.4	F
9009	28666.96	53 10N	48 22E	73.9	190.7	2.170	1.40	55.0	S0409	.07190	9.9198	0.6	V
9010	28669.76	53 9N	48 22E	74.7	190.7	2.170	1.75	55.0	S0409	.07190	9.6972	0.4	A
9011	28640.36	52 9N	47 6E	79.7	190.5	2.033	-22.75	55.6	S0409	.07190	9.0705	1.0	F
9012	28646.16	52 9N	47 6E	79.4	190.4	2.033	-22.40	55.6	S0409	.07190	9.1529	0.8	A
9013	28709.96	50 6N	46 54E	75.0	190.0	2.170	-9.80	57.4	S0409	.07190	9.6594	1.0	F
9014	28715.36	50 5N	46 54E	74.8	190.0	2.385	-9.45	57.4	S0409	.07190	9.6972	1.0	A
9015	28730.16	49 44N	46 17E	76.1	189.8	2.170	-15.05	58.5	S0409	.07190	9.4910	0.6	F
9016	28732.96	49 44N	46 16E	75.2	189.7	2.170	-15.05	58.5	S0409	.07190	9.7486	0.8	V
9017	28735.96	49 42N	46 16E	75.8	189.7	2.385	-14.70	58.5	S0409	.07190	9.5652	0.4	A
9018	28746.56	47 20N	47 15E	84.0	189.5	2.385	25.20	59.9	S0409	.05410	8.6382	1.0	F
9019	28752.56	47 20N	47 15E	83.9	189.5	2.170	25.55	59.9	S0409	.05410	8.6004	1.0	A
9020	28802.96	43 40N	44 31E	80.1	188.9	2.170	-24.85	62.1	S0409	.04090	9.0045	1.0	F
9021	28808.76	43 40N	44 31E	79.7	188.8	2.385	-24.50	62.1	S0409	.04090	9.1117	0.8	A
9022	28832.16	41 41N	44 53E	74.3	188.6	2.733	4.55	64.0	S0409	.04090	9.7631	0.6	F
9023	28834.96	41 40N	44 53E	73.4	188.6	2.733	4.90	64.0	S0409	.04090	9.9858	0.6	V
9024	28844.96	40 50N	44 28E	73.1	188.5	2.733	-2.10	64.5	S0409	.07190	9.9033	0.8	F
9025	28850.16	40 50N	44 29E	73.1	188.5	2.733	-1.05	64.5	S0409	.07190	9.8115	0.6	A
9026	28854.96	40 49N	44 27E	73.7	188.4	2.733	8.40	65.0	S0409	.07190	9.9528	0.4	V
9027	28867.56	40 10N	44 37E	74.6	188.4	2.733	8.75	65.0	S0409	.07190	9.7054	0.6	A
9028	28951.56	33 42N	43 36E	87.7	187.7	2.733	29.05	69.4	S0409	.03090	8.2471	0.8	F
9029	28954.76	33 42N	43 36E	87.2	187.7	2.511	29.75	69.4	S0409	.03090	8.4190	0.6	V
9030	28967.36	33 22N	43 36E	86.6	187.7	2.511	30.10	69.5	S0409	.03090	8.1469	0.8	A
9031	29352.96	6 20N	36 54E	89.3	186.5	3.439	-27.30	64.4	S0409	.05410	8.0392	1.2	A
9032	29449.36	3 20S	35 50E	85.7	186.4	3.439	-4.20	57.7	S0409	.05410	8.4350	1.2	V
9033	29561.36	8 19S	35 19E	90.6	186.3	3.211	9.10	55.8	S0409	.05410	8.0150	1.0	V
9034	29567.36	8 29S	35 11E	91.2	186.3	3.211	5.95	55.6	S0409	.05410	7.8336	1.2	A
9035	29576.76	9 20S	34 46E	89.1	186.3	3.439	-4.55	52.7	S0409	.05410	8.1469	1.0	V
9036	29583.56	10 39S	35 38E	110.7	186.5	2.385	31.15	52.2	S0409	.05410	6.4152	1.0	A
9037	29701.16	17 24S	32 11E	117.3	186.7	3.439	-37.45	45.1	S0409	.04090	8.1101	0.8	A
9038	29814.16	25 04S	32 13E	104.5	187.1	2.872	9.45	38.5	S0409	.05410	5.8935	0.8	V
9039	29844.36	27 09S	32 27E	121.1	187.2	2.385	26.95	36.5	S0409	.05410	5.9040	1.0	F
9040	29848.76	27 09S	32 27E	120.6	187.3	2.170	27.65	36.5	S0409	.05410	5.9700	1.0	V
1589 5001	33745.95	67 16N	32 22E	83.6	196.6	1.113	-24.85	42.3	S0312	.04150	8.7396	0.6	V
5002	33748.95	67 16N	32 21E	84.5	196.5	1.113	-24.85	42.3	S0312	.04150	8.5664	0.8	A
5003	33979.75	52 30N	24 54E	83.4	190.0	1.810	-28.35	55.2	S0312	.03150	8.5489	0.6	F
5004	33983.75	52 30N	24 53E	82.4	190.0	1.810	-28.35	55.2	S0312	.03150	8.8798	0.6	V
5005	34004.55	50 50N	24 20E	83.1	190.2	1.810	-28.35	56.6	S0312	.03150	8.6319	0.6	F
5006	34007.75	50 50N	24 19E	82.4	190.1	1.810	-28.70	56.6	S0312	.03150	8.8798	1.4	V
5007	34011.75	50 49N	24 17E	83.2	190.1	2.033	-28.70	56.6	S0312	.03150	8.7596	0.4	A
5008	34016.55	50 47N	24 5E	83.0	190.0	2.033	-28.75	57.0	S0312	.03150	8.8303	0.6	V
5009	34019.75	50 46N	24 5E	83.7	190.0	2.033	-29.40	57.1	S0312	.03150	8.6984	0.4	A
5010	34134.55	42 31N	23 28E	79.3	186.7	2.511	14.25	63.6	S0312	.03150	9.1766	0.8	F
5011	34151.55	41 50N	21 21E	86.6	186.5	2.170	-35.00	63.8	S0312	.03150	8.4428	0.6	V
5012	34154.75	41 50N	21 20E	87.4	186.5	2.385	-35.00	63.8	S0312	.03150	8.3191	0.6	A
9001	33730.55	69 11N	35 51E	78.1	198.4	1.332	1.40	40.5	S0409	.07190	9.2519	0.4	F

Handle via
BYEMAN Channels
BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1589 9002	33733.35	69 11N	35 52E	77.1	198.3	1.332	1.75	40.5	S0409	.07190	9.4910	0.4	V
9003	33736.15	69 11N	35 51E	77.9	198.1	1.332	1.75	40.5	S0409	.07190	9.2849	0.4	A
9004	33746.15	68 10N	33 54E	79.9	197.6	1.113	-15.05	41.3	S0409	.07190	9.0210	0.8	F
9005	33750.95	68 8N	33 56E	78.1	197.3	1.113	-12.60	41.5	S0409	.07190	9.3591	0.4	V
9006	33753.75	68 8N	33 56E	78.9	197.2	1.332	-12.60	41.5	S0409	.07190	9.1777	0.6	A
9007	33758.75	67 20N	32 49E	82.5	196.9	1.113	-21.35	42.0	S0409	.05410	8.7241	0.6	F
9008	33761.75	67 20N	32 48E	81.5	196.8	1.113	-21.35	42.0	S0409	.05410	8.9653	0.6	V
9009	33765.95	67 19N	32 21E	83.6	196.6	1.113	-24.85	42.3	S0409	.07190	8.7406	0.6	V
9010	33768.95	67 19N	32 21E	84.5	196.5	1.113	-24.85	42.3	S0409	.07190	8.5674	0.6	A
9011	33856.95	60 4N	30 8E	77.9	193.3	1.810	10.85	48.4	S0409	.07190	9.3013	0.6	F
9012	33859.75	60 4N	30 8E	77.0	193.2	1.810	11.20	48.4	S0409	.07190	9.5240	0.6	V
9013	33865.55	60 19N	30 12E	79.2	193.0	1.810	17.15	48.8	S0409	.07190	9.2519	0.6	V
9014	33868.35	60 19N	30 12E	80.3	193.0	1.810	17.50	48.8	S0409	.07190	9.0127	0.6	A
9015	33872.55	59 49N	30 10E	82.0	192.8	1.810	22.05	49.3	S0409	.07190	8.9458	0.8	V
9016	33875.55	59 49N	30 11E	83.1	192.8	1.810	22.40	49.3	S0409	.07190	8.7076	0.8	A
9017	33886.75	58 51N	28 2E	77.3	192.5	1.810	-14.00	49.9	S0409	.07190	9.3466	1.0	F
9018	33892.35	58 51N	28 2E	77.0	192.3	1.810	-13.65	49.9	S0409	.07190	9.4035	0.8	A
9019	33910.15	57 20N	26 24E	76.4	191.9	2.033	11.20	51.4	S0409	.07190	9.5300	0.6	V
9020	33912.95	57 20N	26 24E	77.3	191.9	2.033	11.55	51.4	S0409	.07190	9.3591	0.6	A
9021	33929.35	56 58N	26 41E	77.4	191.5	1.810	-16.10	52.4	S0409	.07190	9.3261	0.8	F
9022	33934.95	56 58N	26 40E	77.2	191.4	2.033	-16.10	52.4	S0409	.07190	9.4003	0.3	A
9023	33940.95	56 9N	26 45E	75.0	191.3	2.033	-6.30	53.2	S0409	.07190	9.6394	0.6	F
9024	33946.35	56 9N	26 46E	74.9	191.2	2.033	-5.60	53.2	S0409	.07190	9.6807	0.6	A
9025	33958.55	53 50N	27 43E	86.1	191.0	2.033	28.70	54.5	S0409	.07190	8.5097	0.8	V
9026	33961.75	53 50N	27 43E	87.5	190.9	1.810	29.40	54.5	S0409	.05410	8.2706	0.8	A
9027	33973.95	53 37N	25 22E	78.6	190.7	2.033	-20.30	55.0	S0409	.07190	9.1341	1.4	F
9028	33982.75	53 20N	24 53E	82.4	190.5	1.810	-28.35	55.2	S0409	.07190	8.9808	0.6	V
9029	33985.75	53 20N	24 53E	83.2	190.5	2.033	-28.35	55.2	S0409	.07190	8.7324	0.6	A
9030	34008.55	50 49N	24 17E	82.4	190.1	1.810	-28.70	56.6	S0409	.07190	8.8308	0.8	V
9031	34011.75	50 48N	24 17E	83.1	190.1	2.033	-28.70	56.6	S0409	.07190	8.7406	0.4	A
9032	34022.95	49 50N	24 3E	81.0	189.9	2.033	-27.30	57.4	S0409	.07190	9.0857	0.6	V
9033	34025.75	49 50N	24 3E	81.7	189.9	2.033	-26.95	57.4	S0409	.07190	8.8330	0.8	A
9034	34034.15	49 37N	24 45E	73.2	189.8	2.385	0.00	58.4	S0409	.07190	10.0187	0.4	V
9035	34036.95	49 37N	24 45E	74.0	189.7	2.385	0.35	58.4	S0409	.07190	9.7879	0.4	A
9036	34042.15	48 36N	25 2E	76.6	189.7	2.385	12.95	58.9	S0409	.07190	9.4563	0.6	A
9037	34063.55	46 40N	23 41E	75.0	189.4	2.385	-12.60	60.0	S0409	.07190	9.6394	0.8	F
9038	34068.75	46 39N	23 41E	74.8	189.3	2.385	-11.90	60.0	S0409	.07190	9.7054	1.0	A
9039	34080.55	45 53N	24 23E	78.6	189.2	2.385	19.60	61.2	S0409	.07190	9.3178	0.6	V
9040	34083.55	45 42N	24 23E	79.7	189.2	2.385	19.95	61.2	S0409	.07190	9.0522	0.6	A
9041	34109.15	43 48N	23 47E	78.4	188.9	2.385	18.90	62.7	S0409	.07190	9.3426	0.6	V
9042	34111.95	43 46N	23 47E	79.5	188.9	2.385	19.25	62.7	S0409	.07190	9.0869	0.8	A
9043	34137.55	41 50N	21 39E	85.2	188.6	2.170	-33.25	63.2	S0409	.04090	8.5757	1.0	V
9044	34140.75	41 39N	21 38E	86.0	188.6	2.385	-33.25	63.2	S0409	.04090	8.4438	0.8	A
9045	34277.95	32 5N	20 4E	75.3	187.6	2.872	-11.90	69.2	S0409	.07190	9.5362	1.0	F
9046	34283.35	32 5N	20 4E	75.1	187.5	3.090	-11.20	69.2	S0409	.07190	9.6477	1.0	A
9047	34600.55	10 19N	15 24E	90.5	186.5	3.211	-30.45	66.7	S0409	.05410	7.9420	1.0	A
9048	34753.35	0 40S	13 47E	89.3	186.4	3.439	-20.30	59.5	S0409	.05410	8.0397	1.0	F
9049	34759.95	1 9S	13 55E	86.6	186.4	3.574	-11.90	59.3	S0409	.05410	8.3036	0.8	F
9050	34767.35	1 22S	13 13E	100.2	186.4	3.211	-36.00	58.7	S0409	.05410	7.2548	0.6	V
9051	34781.75	2 1/S	14 36E	96.2	186.4	2.733	23.10	59.1	S0409	.05410	7.4130	1.0	A
9052	34817.75	4 36S	12 49E	97.5	186.4	3.574	-28.70	56.3	S0409	.04090	7.3718	1.2	A
9053	34826.95	5 47S	13 27E	88.7	186.4	3.439	1.40	55.8	S0409	.05410	8.1057	1.8	F
9054	34832.95	5 40S	13 29E	89.4	186.5	3.439	3.50	55.9	S0409	.05410	8.0067	2.2	A
1590 5001	39196.75	59 54N	5 46E	78.4	192.4	1.810	-17.85	49.8	S0312	.05390	9.2508	0.8	A
5002	39336.35	49 1N	1 56E	78.5	189.8	2.033	-21.35	58.1	S0312	.03150	9.2143	0.6	F
5003	39339.15	49 1N	1 56E	77.4	189.8	2.033	-21.00	58.1	S0312	.03150	9.4569	0.6	V
5004	39538.35	35 12N	0 35W	77.7	187.9	2.733	17.15	68.2	S0312	.03150	9.4322	0.6	V
5005	39541.75	35 12N	0 35W	78.8	187.8	2.733	17.50	68.2	S0312	.03150	9.1448	0.6	A
9001	39339.15	49 1N	1 56E	77.4	189.8	2.033	-21.00	58.1	S0409	.07190	9.4560	0.6	V
9002	39341.95	49 1N	1 56E	78.1	189.7	2.033	-20.65	58.2	S0409	.07190	9.2449	0.6	A
9003	39362.95	47 5N	2 24E	75.7	189.5	2.511	9.80	60.0	S0409	.07190	9.5817	0.6	F
9004	39368.35	47 6N	2 23E	75.8	189.4	2.385	10.50	60.0	S0409	.07190	9.5467	0.6	A
9005	39528.35	35 40N	0 40W	75.6	187.9	2.872	8.75	67.8	S0409	.07190	9.5942	1.0	F
9006	39533.75	35 40N	0 41W	75.7	187.9	2.733	9.45	67.8	S0409	.07190	9.5905	1.0	A
9007	39545.75	34 40N	0 36W	79.1	187.8	2.733	20.30	68.5	S0409	.05410	9.2501	0.8	V
9008	39548.75	34 42N	0 37W	80.1	187.8	2.511	20.65	68.5	S0409	.05410	9.0127	0.8	A
9009	39915.15	9 30N	6 28W	82.9	186.5	3.439	-17.15	66.6	S0409	.05410	8.7076	1.0	A
1592 5001	50884.14	15 37S	56 6W	125.3	186.7	2.872	-43.05	46.5	S0312	.02260	5.6725	1.0	F
5002	51143.34	32 52S	59 43W	136.6	187.7	2.872	-40.25	30.8	S0312	.03150	5.2520	1.0	V
5003	51146.94	33 27S	59 59W	140.4	187.7	2.872	-41.30	30.3	S0312	.03150	5.0293	1.0	F
9001	50868.14	0 51S	52 36W	90.2	186.4	3.439	-22.05	59.4	S0409	.05410	7.9655	1.0	F
9002	50892.74	15 44S	55 22W	101.7	186.7	3.439	-23.80	46.9	S0409	.05410	7.0419	0.8	A
9003	50898.74	16 24S	55 27W	100.4	186.7	3.439	-22.75	46.3	S0409	.05410	7.2069	0.6	V
9004	50902.34	16 39S	55 26W	99.4	186.7	3.439	-20.65	46.1	S0409	.05410	7.2811	0.8	V
9005	50907.54	16 45S	55 33W	102.4	186.7	3.439	-23.10	46.0	S0409	.05410	6.9925	1.0	A
9006	50930.74	18 54S	55 15W	97.5	186.8	3.211	-1.05	44.4	S0409	.05410	7.3588	1.0	F
9007	50976.34	21 59S	56 6W	100.3	186.9	3.211	-9.80	41.5	S0409	.05410	7.1244	1.0	F
9008	50983.94	22 17S	55 53W	98.9	186.9	3.211	-0.35	41.4	S0409	.07190	7.2376	1.0	V
9009	50988.14	22 30S	55 51W	99.5	186.9	3.211	2.10	41.1	S0409	.07190	7.2563	1.4	V
9010	50992.94	22 30S	55 49W	100.6	187.0	3.211	5.25	40.9	S0409	.07190	7.1759	1.0	V
9011	50995.54	23 0S	55 51W	100.7	187.0	3.211	5.25	40.7	S0409	.07190	7.1656	1.0	V
9012	51004.74	23 26S	57 5W	111.2	187.0	3.211	-27.30	39.5	S0409	.05410	6.3988	0.8	F

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1592 9013	51010.34	23 45S	56 43W	104.5	187.0	3.439	-15.80	39.8	S0409	.05410	6.8174	0.8	A
9014	51014.54	24 04S	56 46W	104.2	187.0	3.211	-15.40	39.0	S0409	.05410	6.8440	1.0	F
9015	51021.54	25 1S	57 5W	107.3	187.1	3.211	-20.65	38.5	S0409	.05410	6.6379	0.8	F
9016	51028.94	24 55S	57 32W	117.6	187.1	3.439	-32.20	38.4	S0409	.05410	6.0689	1.0	A
9017	51034.54	25 16S	57 43W	120.8	187.1	3.211	-34.30	38.0	S0409	.05410	5.9040	0.6	A
9018	51047.94	26 25S	56 11W	109.0	187.2	2.733	15.05	37.8	S0409	.05410	6.4895	1.0	A
9019	51055.94	27 16S	55 55W	116.9	187.2	2.385	25.55	37.2	S0409	.05410	6.1514	0.8	V
9020	51064.34	28 4S	56 27W	110.1	187.2	2.733	15.40	36.3	S0409	.05410	6.4812	0.8	F
9021	51069.54	28 9S	56 30W	108.7	187.3	2.733	14.70	36.3	S0409	.05410	6.6151	1.0	V
9022	51070.94	28 14S	56 32W	108.8	187.3	2.733	14.70	36.1	S0409	.05410	6.6049	1.0	V
9023	51072.94	28 20S	56 33W	109.0	187.3	2.733	14.70	36.0	S0409	.05410	6.5967	0.8	V
9024	51078.14	29 2S	56 31W	113.2	187.3	2.733	18.55	35.5	S0409	.05410	6.2934	2.6	F
9025	51084.34	29 25S	56 49W	109.7	187.3	2.733	12.60	35.0	S0409	.05410	6.5059	1.0	F
9026	51089.54	29 45S	57 1W	108.3	187.4	2.733	9.10	34.6	S0409	.05410	6.5884	1.0	F
9027	51099.34	29 45S	58 4W	110.8	187.4	3.211	-16.90	34.2	S0409	.05410	6.4152	0.6	A
9028	51107.14	30 05S	57 29W	107.4	187.5	2.872	2.80	33.5	S0409	.07190	6.6296	1.0	F
9029	51113.34	30 44S	58 1W	108.7	187.5	3.090	-12.25	33.4	S0409	.05410	6.5307	0.8	A
9030	51118.94	31 24S	57 59W	106.7	187.5	3.090	-7.70	32.8	S0409	.07190	6.7368	1.0	V
9031	51125.54	32 7S	58 11W	108.6	187.6	3.090	-9.45	32.1	S0409	.07190	6.5472	1.0	F
9032	51135.54	32 42S	59 38W	134.6	187.6	2.733	-38.50	31.0	S0409	.05410	5.2608	1.0	F
9033	51141.34	34 54S	58 22W	110.2	187.8	2.872	0.35	30.0	S0409	.07190	6.4565	1.2	F
9034	51149.74	34 51S	58 24W	109.1	187.8	2.872	0.00	30.0	S0409	.07190	6.5302	1.0	V
9035	51159.54	34 55S	58 22W	110.8	187.8	2.872	1.40	30.0	S0409	.07190	6.3740	1.0	A
9036	51176.94	35 10S	59 21W	114.4	187.9	3.090	-19.60	29.0	S0409	.07190	6.2751	1.2	V
9037	51182.14	35 54S	59 48W	121.3	187.9	2.872	-27.65	28.6	S0409	.05410	5.9142	1.2	V
9038	51188.54	36 16S	60 26W	134.6	187.9	2.733	-36.40	27.7	S0409	.05410	5.2526	1.0	F
9039	51194.54	36 40S	59 51W	119.2	188.0	2.872	-23.10	27.6	S0409	.05410	5.9452	1.2	F
9040	51202.54	36 55S	59 45W	115.5	188.0	2.872	-18.90	27.4	S0409	.07190	6.2173	0.8	V
9041	51206.94	36 55S	59 45W	116.8	188.1	3.090	-18.55	27.4	S0409	.07190	6.0607	0.8	A
9042	51212.34	37 05S	60 31W	127.6	188.1	2.872	-30.45	26.3	S0409	.05410	5.5577	1.0	F
9043	51217.54	37 36S	60 19W	124.0	188.1	3.090	-26.95	26.7	S0409	.05410	5.7143	0.8	A
9044	51221.34	37 54S	60 20W	123.2	188.2	3.090	-25.90	26.4	S0409	.05410	5.7473	1.0	A
9045	51227.94	38 21S	60 20W	121.5	188.2	3.090	-23.45	26.0	S0409	.05410	5.8238	1.0	A
9046	51235.34	38 42S	61 15W	140.8	188.3	2.872	-36.15	25.4	S0409	.05410	5.0464	1.0	A
1593 5001	56134.14	12 1S	77 8W	109.3	186.0	3.211	-35.00	49.9	S0312	.03150	6.5239	0.8	F
5002	56134.14	12 1S	77 8W	107.5	186.5	3.211	-34.30	49.9	S0312	.03150	6.7461	0.6	V
9001	55891.74	4 44N	72 55W	84.1	186.4	3.211	10.85	64.1	S0409	.05410	6.6746	1.0	V
9002	56008.34	3 40S	73 12W	126.2	186.4	2.170	43.40	58.5	S0409	.03030	5.7473	1.0	F
9003	56013.34	3 44S	73 14W	124.2	186.4	2.170	41.85	58.4	S0409	.04090	5.8628	0.6	V
9004	56017.94	3 44S	73 10W	123.6	186.4	1.810	42.35	58.4	S0409	.03090	5.7721	1.0	A
9005	56044.34	5 51S	76 5W	107.6	186.4	3.211	-37.45	55.1	S0409	.05410	6.0461	1.0	F
9006	56096.74	9 16S	76 0W	91.5	186.5	3.574	-15.40	52.7	S0409	.05410	7.9525	1.0	V
9007	56109.14	9 52S	76 12W	93.6	186.5	3.574	-18.20	52.1	S0409	.05410	7.6596	0.8	A
9008	56137.94	12 0S	77 8W	107.5	186.5	3.211	-34.30	49.9	S0409	.07190	6.7364	0.6	V
9009	56141.94	12 0S	77 8W	108.8	186.6	3.439	-34.30	49.9	S0409	.07190	6.6049	0.6	A
1594 5001	59462.34	56 4N	82 59E	101.8	348.7	-2.028	-15.05	-10.7	S0312	.29710	7.0246	0.4	A
1599 9001	5841.12	55 15N	165 58E	75.3	191.3	2.170	-1.75	53.1	S0409	.09670	9.6147	0.4	F
9002	5843.72	55 15N	165 59E	74.3	191.3	2.170	-1.40	53.1	S0409	.09670	9.6558	0.4	V
9003	5844.52	55 15N	165 59E	75.2	191.2	2.170	-1.05	53.1	S0409	.09670	9.6394	0.4	A
9004	1536.32	9 07S	151 12E	94.6	186.5	3.574	-17.50	52.1	S0409	.04090	7.5779	0.4	A
1600 9001	5917.92	53 55N	145 5E	74.1	190.8	2.170	-4.55	54.4	S0409	.09670	9.8951	0.4	V
9002	5920.72	53 55N	145 5E	74.9	190.8	2.170	-4.20	54.4	S0409	.09670	9.6807	0.4	A
9003	5939.12	52 14N	141 40E	82.4	190.5	1.810	-28.00	55.3	S0409	.05410	8.8808	0.4	V
9004	5942.12	52 14N	141 40E	83.1	190.4	2.033	-28.00	55.3	S0409	.05410	8.7324	0.4	A
9005	5972.12	49 46N	142 53E	94.2	190.0	2.170	24.50	57.9	S0409	.05410	8.7241	0.8	V
9006	5975.12	49 46N	142 53E	85.4	189.9	2.170	26.95	57.9	S0409	.05410	8.4767	0.8	A
9007	6810.92	7 05S	131 18E	125.4	186.5	2.033	42.00	54.9	S0409	.04090	5.7803	0.6	V
9008	6819.52	8 14S	130 50E	111.7	186.5	2.385	32.90	54.5	S0409	.04090	6.3658	0.8	A
1601 5001	11475.72	36 42N	117 0E	86.8	188.0	2.385	29.05	67.5	S0312	.03150	8.3026	1.4	A
9001	11075.12	63 45N	125 33E	78.2	194.6	1.475	-11.20	45.4	S0409	.07190	9.2554	1.6	F
9002	11080.72	63 45N	125 34E	77.8	194.4	1.475	-10.50	45.4	S0409	.07190	9.3013	1.0	A
9003	11407.52	41 24N	117 46E	77.5	188.5	2.511	15.75	64.2	S0409	.05410	9.3343	0.6	A
9004	11417.32	40 26N	116 41E	75.3	188.4	2.733	-14.00	64.4	S0409	.07190	9.6064	0.6	F
9005	11420.12	40 26N	116 41E	74.3	188.4	2.733	-13.65	64.5	S0409	.07190	9.8621	0.6	V
9006	11426.32	39 51N	116 10E	80.4	188.4	2.511	-25.55	64.6	S0409	.05410	8.9715	0.8	F
9007	11431.92	39 51N	116 12E	79.5	188.3	2.511	-24.15	64.7	S0409	.05410	9.1282	1.0	A
9008	11445.32	38 26N	116 56E	76.7	188.2	2.733	12.60	66.1	S0409	.05410	9.4588	0.8	F
9009	11450.72	38 26N	116 56E	76.9	188.2	2.733	13.30	66.1	S0409	.05410	9.4003	0.8	A
9010	11459.52	37 42N	116 8E	74.3	188.1	2.872	-8.75	66.4	S0409	.05410	9.7384	0.8	F
9011	11464.92	37 41N	116 8E	74.1	188.1	2.872	-7.70	66.4	S0409	.05410	9.7796	0.8	A
9012	11475.12	36 44N	117 1E	86.9	188.0	2.385	29.05	67.5	S0409	.04090	8.3036	1.4	A
9013	11563.92	30 03N	114 18E	76.6	187.4	2.872	-18.90	69.6	S0409	.07190	9.5570	0.6	V
9014	11566.72	30 03N	114 17E	77.5	187.4	3.090	-18.90	69.6	S0409	.07190	9.3673	0.6	A
9015	11589.92	28 39N	114 28E	75.2	187.3	3.090	3.50	70.6	S0409	.05410	9.6394	0.4	F
9016	11591.72	28 39N	114 28E	74.4	187.3	3.090	3.85	70.7	S0409	.05410	9.8558	0.4	V
9017	11594.32	28 39N	114 28E	75.3	187.3	3.090	4.20	70.7	S0409	.05410	9.6064	0.4	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1601 9018	11631.72	25 55N	113 4E	83.2	187.1	2.872	-29.40	70.5	S0409	.05410	8.7901	0.4	V
9019	11634.72	25 55N	113 4E	84.0	187.1	2.872	-29.05	70.5	S0409	.05410	8.6417	0.4	A
9020	11647.72	24 59N	114 14E	84.1	187.1	2.733	24.85	71.9	S0409	.05410	8.7076	0.4	V
9021	11650.72	24 40N	114 14E	85.4	187.1	2.733	25.20	71.9	S0409	.05410	8.4355	0.4	A
9022	11664.72	23 24N	113 6E	76.3	187.0	3.211	-10.15	71.1	S0409	.05410	9.4663	0.4	F
9023	11670.12	23 1N	113 21E	75.3	187.0	3.211	2.45	71.4	S0409	.07190	9.7219	0.4	V
9024	11672.72	23 11N	113 21E	76.3	187.0	3.211	2.80	71.4	S0409	.05410	9.4745	1.0	A
9025	11690.72	21 37N	112 33E	79.1	186.9	3.090	-18.55	70.9	S0409	.07190	9.1139	0.4	F
9026	11696.32	21 37N	112 34E	78.8	186.9	3.211	-17.50	70.9	S0409	.07190	9.1941	0.6	A
9027	11758.52	16 52N	112 21E	79.0	186.7	3.211	9.10	70.6	S0409	.05410	9.1777	0.6	F
9028	11766.92	16 34N	111 37E	79.6	186.7	3.211	-18.20	69.9	S0409	.05410	9.1777	0.6	V
9029	11769.92	16 33N	111 37E	80.5	186.7	3.439	-18.20	69.9	S0409	.05410	8.9888	0.4	A
9030	12098.72	6 30S	107 39E	90.9	186.5	3.439	-15.05	55.1	S0409	.04090	7.8995	0.6	F
9031	12104.12	6 52S	107 35E	90.9	186.5	3.439	-15.05	54.8	S0409	.04090	7.9076	0.8	F
9032	12107.32	6 57S	107 35E	89.8	186.5	3.439	-14.70	54.8	S0409	.05410	8.0892	2.0	V
9033	12111.92	6 57S	107 35E	90.9	186.5	3.439	-14.00	54.7	S0409	.04090	7.8995	0.6	A
1603 5001	21605.51	69 26N	86 14E	86.2	198.8	1.332	24.15	40.2	S0312	.04150	8.4322	0.6	V
5002	21608.71	69 20N	88 15E	87.6	198.4	1.113	24.85	40.2	S0312	.04150	8.2779	0.6	A
5003	21961.51	45 59N	73 24E	81.6	189.2	2.385	-27.30	60.4	S0312	.03150	6.9210	0.4	A
9001	21829.51	54 40N	77 22E	75.5	191.1	2.170	4.20	55.8	S0409	.05410	9.5982	0.6	F
9002	21832.31	54 42N	77 22E	74.6	191.0	2.170	4.55	55.8	S0409	.05410	9.6391	0.6	V
9003	21952.31	46 6N	73 31E	81.1	189.3	2.170	-26.25	60.2	S0409	.05410	8.6490	1.4	F
9004	21955.91	46 0N	73 31E	79.3	189.2	2.170	-25.90	60.2	S0409	.05410	9.1612	0.6	V
9005	21998.51	42 49N	73 51E	76.2	188.3	2.733	12.25	65.1	S0409	.05410	9.5240	0.8	F
9006	22004.11	42 40N	73 51E	76.5	188.7	2.511	13.65	65.1	S0409	.05410	9.4580	0.6	A
9007	22030.11	40 43N	72 18E	77.7	188.5	2.511	-21.00	64.1	S0409	.05410	9.2949	0.6	F
9008	22032.91	40 40N	72 18E	76.6	188.5	2.511	-20.65	64.1	S0409	.05410	9.5570	0.6	V
9009	22035.71	40 36N	72 18E	77.4	188.4	2.511	-20.30	64.1	S0409	.05410	9.3756	0.6	A
9010	22152.51	32 44N	71 27E	79.1	187.6	2.733	18.90	69.5	S0409	.05410	9.2601	0.4	V
9011	22155.51	32 24N	71 27E	80.3	187.6	2.733	19.25	69.5	S0409	.05410	8.9962	0.4	A
9012	22185.11	30 1N	70 36E	75.6	187.4	3.090	5.60	70.2	S0409	.05410	9.5900	0.8	F
9013	22190.51	30 1N	70 36E	75.8	187.4	3.090	6.65	70.2	S0409	.05410	9.5322	0.8	A
1604 5001	26934.31	67 50N	64 46E	86.3	197.4	1.332	25.20	41.5	S0312	.04150	8.4340	0.6	V
5002	26937.51	67 50N	64 45E	87.3	197.3	1.332	25.20	41.5	S0312	.04150	8.2944	0.4	A
5003	27097.31	57 14N	55 26E	79.3	191.9	1.810	-19.95	51.2	S0312	.04150	9.0941	0.4	F
5004	27100.11	57 14N	55 26E	78.2	191.8	1.810	-19.60	51.2	S0312	.04150	9.3580	0.6	V
5005	27114.11	56 17N	54 36E	84.1	191.5	1.687	-29.40	51.8	S0312	.03150	8.6984	0.6	V
5006	27126.91	55 0N	56 4E	79.8	191.3	2.170	17.50	53.3	S0312	.03150	9.0776	0.4	F
5007	27132.51	55 1N	55 5E	80.2	191.2	2.033	18.55	53.3	S0312	.03150	9.0464	0.6	A
5008	27147.51	53 36N	55 32E	80.1	190.9	2.170	18.55	54.6	S0312	.03150	9.0529	1.0	F
5009	27153.31	53 36N	55 32E	80.6	190.8	2.033	19.60	54.6	S0312	.03150	8.9952	1.0	A
5010	27161.11	53 40N	55 48E	89.0	190.7	2.033	31.50	55.4	S0312	.03150	9.2148	0.6	V
5011	27164.31	52 49N	55 47E	90.2	190.6	1.810	31.85	55.4	S0312	.03150	9.0470	0.6	A
5012	27172.91	51 40N	55 21E	88.7	190.5	2.170	30.10	56.2	S0312	.04150	8.2119	0.6	F
5013	27177.11	51 33N	54 58E	83.4	190.4	2.170	24.15	56.4	S0312	.03150	8.7149	1.6	F
5014	27183.11	51 33N	54 57E	83.6	190.3	2.033	24.50	56.4	S0312	.03150	8.6654	1.6	A
5015	27227.71	48 7N	53 45E	83.0	189.7	2.385	23.80	59.2	S0312	.03150	8.7561	0.4	F
5016	27230.71	48 7N	53 45E	82.4	189.6	2.170	24.50	59.2	S0312	.03150	8.9127	0.4	V
9001	26947.11	67 7N	62 39E	78.4	196.8	1.475	5.95	42.3	S0409	.07190	9.2189	0.8	F
9002	26952.71	67 7N	62 39E	78.3	196.5	1.332	6.65	42.3	S0409	.07190	9.2554	0.8	A
9003	27050.71	60 17N	57 18E	76.2	193.0	1.687	-10.50	48.5	S0409	.07190	9.4003	0.4	F
9004	27053.51	60 17N	57 19E	75.8	193.0	1.687	-10.15	48.5	S0409	.07190	9.6559	0.4	V
9005	27059.71	59 42N	56 44E	78.5	192.8	1.687	-16.45	49.0	S0409	.07190	9.1341	1.0	F
9006	27065.31	59 42N	56 44E	78.2	192.7	1.810	-16.10	49.0	S0409	.07190	9.2601	1.0	A
9007	27096.11	57 52N	56 22E	75.7	192.1	2.033	-5.60	50.7	S0409	.07190	9.5570	0.4	F
9008	27097.71	57 46N	56 19E	75.6	192.1	2.033	-5.60	50.8	S0409	.07190	9.5652	1.2	F
9009	27091.11	57 49N	56 18E	74.6	192.0	2.033	-5.25	50.8	S0409	.07190	9.8208	0.6	V
9010	27100.11	57 10N	55 26E	78.2	191.8	1.810	-19.60	51.2	S0409	.07190	9.3591	0.4	V
9011	27102.91	57 11N	55 25E	79.1	191.8	1.810	-19.60	51.2	S0409	.07190	9.1612	0.4	A
9012	27126.71	55 1N	56 4E	79.9	191.3	2.170	17.50	53.3	S0409	.07190	9.0757	0.6	F
9013	27132.51	55 0N	56 5E	80.2	191.2	2.033	18.55	53.3	S0409	.07190	9.0575	0.6	A
9014	27147.51	53 36N	55 31E	80.1	190.9	2.170	18.55	54.6	S0409	.07190	9.0540	0.8	F
9015	27153.31	53 36N	55 32E	80.5	190.8	2.033	19.60	54.6	S0409	.07190	8.9962	0.8	A
9016	27161.11	52 40N	55 47E	89.0	190.7	2.033	31.50	55.4	S0409	.05410	8.2459	0.6	V
9017	27164.31	52 49N	55 47E	90.1	190.6	1.810	31.85	55.4	S0409	.05410	8.0480	0.6	A
9018	27177.11	51 33N	54 58E	83.5	190.4	2.170	24.15	56.4	S0409	.07190	8.7159	0.6	F
9019	27183.11	51 33N	54 57E	83.5	190.3	2.033	24.50	56.4	S0409	.07190	8.6664	0.6	A
9020	27231.11	48 9N	53 44E	82.4	189.6	2.170	24.50	59.2	S0409	.07190	8.9168	0.4	V
9021	27234.11	48 9N	53 44E	83.5	189.6	2.170	24.85	59.2	S0409	.05410	8.6582	0.6	A
9022	27269.11	45 26N	51 47E	74.7	189.2	2.511	-9.80	60.9	S0409	.07190	9.6469	0.4	F
9023	27271.91	45 23N	51 47E	73.7	189.1	2.511	-9.45	60.9	S0409	.07190	9.9445	0.4	V
9024	27274.51	45 26N	51 47E	74.5	189.1	2.511	-9.10	60.9	S0409	.07190	9.7301	0.4	A
9025	27295.11	43 39N	51 18E	74.5	188.9	2.511	-9.45	62.2	S0409	.07190	9.7054	1.0	F
9026	27300.51	43 39N	51 18E	74.3	188.8	2.511	-8.75	62.2	S0409	.07190	9.7549	0.8	A
9027	27346.31	40 20N	49 51E	81.1	188.4	2.385	-28.00	64.2	S0409	.07190	9.0292	0.8	V
9028	27349.31	40 22N	49 51E	81.9	188.4	2.385	-27.65	64.2	S0409	.07190	8.8308	0.8	A
9029	27468.11	31 46N	47 49E	85.7	187.6	2.511	-31.85	68.8	S0409	.04090	8.3943	10.4	F
9030	27483.11	30 55N	47 51E	80.3	187.5	2.733	-24.15	69.4	S0409	.05410	8.9880	4.2	F
9031	27492.91	30 29N	47 41E	81.9	187.4	2.872	-26.95	69.4	S0409	.04090	8.8478	3.4	A
9032	27504.31	29 15N	47 59E	75.1	187.4	3.090	-7.70	70.2	S0409	.07190	9.6394	0.8	F
9033	27509.51	29 15N	47 59E	75.8	187.3	3.090	-7.00	70.2	S0409	.07190	9.6559	1.0	A
9034	27741.51	12 54N	44 53E	79.4	186.6	3.439	-7.70	68.7	S0409	.07190	9.0952	0.8	F

Handle via
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4354 COMMAND INFORMATION

REV	FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1604	9035	27747.31	12 55N	44 53E	79.5	186.6	3.439	-6.65	64.7	S0409	.07190	9.0705	0.8	A
	9036	27776.31	10 46N	44 59E	84.5	186.5	3.211	14.70	67.9	S0409	.04090	8.5859	0.6	F
	9037	27779.31	10 46N	44 59E	83.7	186.5	3.211	15.05	67.9	S0409	.04090	8.7241	0.6	V
	9038	27832.51	6 46N	44 17E	83.9	186.5	3.211	12.25	65.6	S0409	.05410	8.6394	1.0	V
	9039	27835.71	6 46N	44 16E	84.9	186.5	3.211	12.60	65.6	S0409	.05410	8.4603	0.6	A
	9040	27885.31	3 0N	43 39E	85.8	186.4	3.211	12.25	63.1	S0409	.05410	8.5015	0.6	V
	9041	27888.31	3 0N	43 39E	86.9	186.4	3.211	12.25	63.1	S0409	.04090	8.2541	1.2	A
	9042	27936.51	0 2US	42 34E	84.9	186.4	3.574	-7.70	60.2	S0409	.05410	8.5674	1.0	V
	9043	27939.71	0 2US	42 34E	86.1	186.4	3.574	-7.35	60.2	S0409	.05410	8.3448	1.0	A
1605	5001	32242.11	68 0N	39 31E	83.7	197.4	0.986	-22.40	41.2	S0312	.04150	8.6159	0.6	F
	5002	32245.11	68 0N	39 31E	82.7	197.2	0.986	-22.40	41.2	S0312	.04150	8.8385	0.6	V
	5003	32289.91	64 4IN	39 12E	80.7	195.3	1.687	15.40	44.6	S0312	.04150	8.9767	0.8	F
	5004	32295.71	64 4IN	39 12E	80.8	195.0	1.475	16.10	44.6	S0312	.04150	8.9705	0.8	A
	5005	32501.71	50 5ON	30 47E	81.0	190.1	2.033	-25.20	56.3	S0312	.03150	8.9705	0.4	A
	5006	32506.11	50 4ON	30 24E	83.8	190.1	1.810	-30.45	56.7	S0312	.03150	8.7231	0.4	V
	5007	32509.91	50 4ON	30 24E	84.7	190.0	2.033	-30.45	56.7	S0312	.03150	8.5912	0.4	A
	5008	32515.91	49 47N	30 30E	78.7	189.9	2.033	-23.10	57.3	S0312	.03150	9.3085	0.6	V
	5009	32518.91	49 46N	30 30E	79.4	189.9	2.033	-22.75	57.3	S0312	.03150	9.1016	0.4	A
	5010	32528.11	48 46N	30 3E	81.6	189.8	2.033	-26.60	58.1	S0312	.03150	8.8468	0.6	F
	5011	32534.11	48 45N	30 4E	81.0	189.7	2.170	-25.90	58.1	S0312	.03150	8.9622	0.4	A
	5012	32540.91	47 52N	29 57E	79.0	189.6	2.170	-22.40	58.9	S0312	.03150	9.1454	0.4	F
	5013	32543.71	47 52N	29 57E	77.9	189.5	2.170	-22.05	58.9	S0312	.03150	9.3492	0.4	V
	5014	32600.11	43 5UN	28 33E	83.6	188.9	2.170	-29.75	61.8	S0312	.04150	8.6272	0.4	F
	5015	32603.11	43 5UN	28 33E	82.3	188.9	2.170	-29.40	61.8	S0312	.04150	8.8860	0.4	V
	9001	32245.11	68 0N	39 30E	82.7	197.2	0.986	-22.40	41.3	S0409	.07190	8.8396	0.4	V
	9002	32248.11	68 0N	39 31E	83.4	197.1	0.986	-22.05	41.3	S0409	.07190	8.6829	0.4	A
	9003	32289.71	64 4IN	39 12E	80.7	195.3	1.687	15.40	44.6	S0409	.07190	8.9797	1.0	F
	9004	32295.51	64 4IN	39 12E	80.8	195.0	1.475	16.10	44.6	S0409	.07190	8.9715	1.0	A
	9005	32398.71	57 4IN	34 7E	74.7	192.0	1.810	-6.30	50.8	S0409	.07190	9.8043	0.6	V
	9006	32401.51	57 4IN	34 7E	75.5	192.0	2.033	-6.30	50.8	S0409	.07190	9.5382	0.6	A
	9007	32433.71	55 6N	33 16E	75.0	191.3	2.170	-0.70	53.1	S0409	.07190	9.6559	0.4	F
	9008	32436.51	55 6N	33 15E	74.1	191.2	2.170	-0.35	53.1	S0409	.07190	9.8351	0.4	V
	9009	32439.11	55 6N	33 15E	74.9	191.2	2.170	0.00	53.1	S0409	.07190	9.6724	0.4	A
	9010	32445.11	54 6ON	32 29E	76.3	191.1	2.033	-13.30	53.6	S0409	.07190	9.4663	1.0	F
	9011	32450.71	54 6ON	32 29E	76.0	191.0	2.033	-12.60	53.6	S0409	.07190	9.5405	0.8	A
	9012	32473.31	52 6ON	31 34E	78.0	190.6	2.033	-18.90	55.2	S0409	.07190	9.2601	0.4	F
	9013	32476.11	52 6ON	31 34E	76.9	190.5	2.033	-18.55	55.2	S0409	.07190	9.5240	0.4	V
	9014	32478.91	52 6ON	31 34E	77.6	190.5	2.033	-18.20	55.2	S0409	.07190	9.3508	0.4	A
	9015	32489.31	51 6ON	31 19E	76.1	190.3	2.033	-16.80	55.9	S0409	.07190	9.6229	0.6	V
	9016	32492.11	51 6ON	31 19E	76.8	190.3	2.033	-16.45	55.9	S0409	.07190	9.4415	0.6	A
	9017	32498.71	50 5ON	30 46E	80.3	190.2	2.033	-25.55	56.3	S0409	.07190	9.1199	0.8	V
	9018	32501.71	50 5?N	30 46E	81.0	190.1	2.033	-25.20	56.4	S0409	.07190	8.9715	0.8	A
	9019	32506.11	50 4?N	30 24E	83.8	190.1	1.810	-30.45	56.7	S0409	.07190	8.7241	0.4	V
	9020	32509.11	50 4?N	30 24E	84.6	190.0	2.033	-30.45	56.7	S0409	.05410	8.5922	0.4	A
	9021	32515.91	49 47N	30 30E	78.7	189.9	2.033	-23.10	57.3	S0409	.07190	9.3096	0.4	V
	9022	32518.71	49 47N	30 30E	79.4	189.9	2.033	-22.75	57.3	S0409	.07190	9.1529	0.6	A
	9023	32528.11	48 46N	30 3E	81.6	189.8	2.033	-26.60	58.1	S0409	.07190	8.8474	0.6	F
	9024	32533.91	48 45N	30 4E	81.0	189.7	2.170	-25.90	58.1	S0409	.07190	8.9633	0.6	A
	9025	32543.71	47 52N	29 57E	77.9	189.6	2.170	-22.05	58.9	S0409	.07190	9.2003	0.4	V
	9026	32546.51	47 52N	29 57E	78.6	189.5	2.170	-21.70	58.9	S0409	.07190	9.2354	0.4	A
	9027	32554.91	47 2N	30 19E	73.2	189.4	2.385	-3.85	59.7	S0409	.07190	10.0105	0.4	V
	9028	32561.51	46 2IN	30 33E	75.8	189.3	2.511	9.45	60.4	S0409	.07190	9.5735	0.6	F
	9029	32564.31	46 2IN	30 33E	74.9	189.3	2.511	9.80	60.4	S0409	.07190	9.7379	0.4	V
	9030	32567.11	46 2IN	30 33E	75.9	189.3	2.511	10.15	60.4	S0409	.07190	9.5487	0.4	A
	9031	32603.11	43 5UN	28 33E	82.3	188.9	2.170	-29.40	61.8	S0409	.07190	8.8598	0.4	V
	9032	32606.11	43 5UN	28 33E	83.1	188.8	2.385	-29.40	61.8	S0409	.07190	8.7406	0.4	A
	9033	32640.11	41 0N	28 49E	74.1	188.5	2.733	1.75	64.2	S0409	.07190	9.7714	0.8	F
	9034	32648.91	40 4SN	29 23E	82.3	188.4	2.385	23.45	64.7	S0409	.04090	8.7736	0.4	A
	9035	32914.51	29 1SN	25 33E	77.3	187.3	2.872	-19.60	70.0	S0409	.04090	9.4663	0.6	V
	9036	32917.31	29 1SN	25 33E	78.0	187.3	3.090	-19.25	70.0	S0409	.04090	9.3013	0.6	A
	9037	33558.71	22 0S	16 0E	106.9	186.9	3.211	-23.80	41.3	S0409	.05410	8.6626	0.8	F
	9038	33562.51	22 0S	16 0E	105.7	186.9	3.211	-23.45	41.3	S0409	.05410	8.8858	0.6	V
	9039	33566.51	22 0S	16 0E	106.8	186.9	3.439	-23.10	41.3	S0409	.05410	8.6874	0.6	A
1606	5001	37709.70	57 8N	12 16E	75.9	191.9	2.033	5.25	51.4	S0312	.05390	9.5394	0.8	F
	5002	37717.90	56 5ON	12 31E	78.4	191.7	2.033	13.00	51.6	S0312	.04150	9.2508	0.6	A
	5003	37800.10	50 2ON	10 45E	87.9	190.2	2.170	29.75	57.0	S0312	.03150	8.2591	0.6	F
	5004	37806.50	50 2ON	10 28E	82.9	190.2	2.033	24.50	56.9	S0312	.03150	8.7396	0.6	A
	9001	37758.10	54 0N	11 16E	77.1	190.9	2.170	14.00	54.2	S0409	.07190	9.5157	0.8	V
	9002	37760.90	54 0N	11 16E	78.0	190.9	2.170	14.35	54.2	S0409	.07190	9.2766	0.6	A
	9003	37793.90	51 2ON	10 17E	77.9	190.3	2.385	14.35	56.4	S0409	.07190	9.3178	0.6	F
	9004	37802.50	49 8N	8 27E	76.6	189.8	2.170	-16.45	57.9	S0409	.07190	9.4250	1.0	F
	9005	37834.10	49 8N	8 26E	76.3	189.8	2.385	-16.10	57.9	S0409	.07190	9.5075	0.8	A
	9006	37920.70	43 5N	5 56E	89.6	188.4	2.033	-37.10	62.2	S0409	.04090	8.1716	0.4	V
	9007	37923.90	43 5N	5 54E	89.5	188.4	2.033	-36.05	62.2	S0409	.03010	8.1222	0.4	A
	9008	38459.90	5 5ON	0 11W	84.8	186.5	3.211	10.15	64.8	S0409	.05410	8.5345	1.2	F
	9009	38466.10	5 5ON	0 12W	85.3	186.4	3.211	10.85	64.8	S0409	.05410	8.4190	1.2	A
1608	5001	49517.70	24 12S	51 42W	135.7	187.1	3.211	-43.75	69.0	S0312	.02260	9.2849	0.3	A
	5002	49580.50	29 4?S	52 32W	132.3	187.3	3.211	-40.60	64.8	S0312	.03150	9.4494	1.2	V
	9001	49173.50	1 1?S	46 0W	85.2	186.4	3.574	-7.35	59.5	S0409	.05410	8.5345	1.0	V

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1608 9002	49381.10	15 40S	48 28W	93.9	186.7	3.439	-5.25	47.6	S0409	.05410	7.7016	1.0	V
9003	49386.50	15 30S	48 19W	94.4	186.7	3.211	2.45	47.4	S0409	.05410	7.6604	1.0	V
9004	49481.50	22 40S	48 32W	121.6	186.9	2.385	31.50	41.7	S0409	.05410	5.8957	1.0	F
9005	49544.10	26 40S	50 55W	105.3	187.2	3.211	-14.00	37.2	S0409	.05410	6.7698	1.2	F
9006	49558.50	27 7S	51 32W	114.7	187.2	3.439	-27.65	36.7	S0409	.05410	6.2091	1.2	A
9007	49573.30	28 10S	51 30W	110.5	187.3	3.439	-21.00	35.8	S0409	.05410	6.4400	1.0	A
9008	49588.90	29 10S	51 31W	108.5	187.4	3.211	-15.05	34.9	S0409	.05410	6.5389	1.2	A
9009	49598.50	29 57S	51 11W	107.2	187.4	3.090	-1.05	34.5	S0409	.05410	6.6131	1.0	A
9010	49607.70	31 9S	51 4W	109.6	187.5	2.872	8.05	33.5	S0409	.05410	6.5059	0.8	F
9011	49621.30	31 59S	52 5W	110.6	187.5	3.090	-14.70	32.4	S0409	.05410	6.4285	1.4	F
9012	49625.30	31 59S	52 5W	109.3	187.6	3.090	-14.00	32.4	S0409	.07190	6.5719	1.6	V
9013	49629.50	31 59S	52 3W	110.5	187.6	3.090	-12.95	32.4	S0409	.05410	6.4152	1.4	A
9014	49648.30	33 44S	53 28W	131.4	187.7	2.872	-35.70	30.3	S0409	.05410	5.3762	1.4	F
9015	49652.10	33 59S	53 33W	132.2	187.7	2.872	-36.05	30.1	S0409	.05410	5.3453	1.0	F
1609 5001	54786.49	22 8S	70 14W	133.4	186.9	1.687	38.50	42.4	S0312	.02260	5.4014	0.8	A
5002	54998.09	36 47S	73 13W	136.2	188.0	1.810	32.90	28.7	S0312	.03150	5.2602	0.6	V
9001	54625.69	11 39S	69 20W	96.9	186.5	3.090	14.35	51.3	S0409	.05410	7.4213	1.0	F
9002	54638.29	12 35S	69 14W	103.1	186.6	2.872	22.40	50.6	S0409	.05410	6.9842	1.4	F
9003	54647.09	12 58S	69 49W	94.1	186.6	3.211	3.85	50.3	S0409	.05410	7.5775	1.0	A
9004	54657.09	13 11S	70 44W	100.3	186.6	3.574	-24.50	49.3	S0409	.05410	7.1491	1.0	A
9005	54725.29	18 12S	70 32W	100.1	186.8	3.090	12.60	45.4	S0409	.05410	7.2151	0.8	V
9006	54730.29	18 10S	70 19W	106.6	186.8	2.872	20.50	45.5	S0409	.05410	6.6626	1.2	A
9007	54794.09	22 40S	70 16W	136.1	187.0	1.687	39.55	41.9	S0409	.04090	5.1986	1.0	A
9008	54806.69	23 31S	70 25W	137.0	187.0	1.687	39.55	41.2	S0409	.04090	5.1454	1.0	A
1610 5001	57997.09	56 30N	84 53E	134.9	348.1	-1.321	44.45	-8.4	S0312	.29710	5.3427	0.6	A
5002	59290.09	32 42N	84 56W	93.0	187.6	2.170	-38.35	68.2	S0312	.02260	7.7255	0.6	F
5003	59293.29	32 42N	84 56W	91.7	187.6	2.385	-38.85	68.2	S0312	.03150	7.9393	0.6	V
5004	59296.69	32 42N	84 56W	92.4	187.6	2.385	-38.50	68.2	S0312	.02260	7.8759	0.6	A
9001	59289.89	32 42N	84 56W	93.1	187.6	2.170	-38.85	68.2	S0409	.05410	7.7264	0.6	F
9002	59293.29	32 42N	84 56W	91.7	187.6	2.385	-38.85	68.2	S0409	.05410	7.9902	0.6	V
9003	59296.69	32 42N	84 56W	92.4	187.6	2.385	-38.50	68.3	S0409	.05410	7.8748	0.6	A
9004	59581.49	12 30N	87 10W	85.1	186.6	2.872	19.60	69.1	S0409	.07190	6.5922	0.6	V
9005	59584.69	12 30N	87 9W	86.7	186.6	2.872	20.50	69.1	S0409	.07190	6.2953	0.6	A
1612 9001	70691.29	22 10S	133 44W	107.4	186.9	3.211	-24.15	41.3	S0409	.04090	6.6296	1.4	F
9002	70698.08	22 10S	133 44W	107.3	186.9	3.439	-23.45	41.3	S0409	.04090	6.6544	1.4	A
1614 5001	81625.88	43 30S	172 44E	119.0	188.9	2.511	-5.95	21.6	S0312	.05390	6.8023	0.6	V
1615 9001	85345.68	64 40N	177 55E	79.1	195.3	1.687	10.15	44.3	S0409	.07190	9.1447	0.6	F
9002	85348.48	64 40N	177 55E	78.2	195.2	1.475	10.50	44.3	S0409	.07190	9.3756	0.6	V
9003	85351.28	64 40N	177 54E	79.0	195.1	1.475	10.50	44.3	S0409	.07190	9.1612	0.6	A
1616 5001	4340.47	59 34N	150 43E	83.5	192.7	1.475	-27.30	49.8	S0312	.04150	8.7561	0.6	V
5002	4343.47	59 34N	150 48E	84.2	192.6	1.475	-28.95	48.8	S0312	.04150	8.6242	0.6	A
5003	4569.27	43 40N	146 19E	73.9	188.9	2.733	0.70	62.2	S0312	.04150	9.8114	0.4	F
5004	4574.67	43 39N	146 19E	74.1	188.8	2.733	1.75	62.2	S0312	.04150	9.8032	0.4	A
9001	4547.47	45 4N	147 36E	86.3	189.1	2.385	27.30	61.5	S0409	.05410	8.5160	0.4	F
9002	4555.87	44 54N	146 34E	74.1	189.0	2.733	1.75	61.5	S0409	.05410	9.7796	0.6	F
9003	4558.67	44 54N	146 35E	73.2	189.0	2.511	2.10	61.6	S0409	.05410	10.0187	0.4	V
9004	4561.27	44 54N	146 35E	74.1	189.0	2.511	2.45	61.6	S0409	.05410	9.7796	0.4	A
9005	4569.27	43 39N	146 19E	74.0	188.9	2.733	0.70	62.2	S0409	.09670	9.8126	0.4	F
9006	4574.67	43 39N	146 19E	74.0	188.8	2.733	1.75	62.2	S0409	.09670	9.8043	0.4	A
1617 5001	9613.47	62 7N	129 36E	88.8	193.7	1.113	-32.55	46.5	S0312	.03150	8.2284	0.6	V
5002	9616.67	62 0N	129 34E	89.9	193.6	1.332	-32.90	46.5	S0312	.03150	8.0800	0.6	A
5003	10623.47	7 10S	112 45E	118.4	186.3	3.090	-43.75	54.0	S0312	.03150	6.1342	0.8	V
5004	10627.87	7 11S	112 45E	118.9	186.3	3.090	-43.05	54.0	S0312	.03150	6.0689	0.6	A
9001	9827.07	47 21N	123 59E	88.1	189.3	1.810	-34.30	58.9	S0409	.05410	8.1634	0.6	F
9002	9830.27	47 21N	123 59E	87.0	189.3	1.810	-34.30	58.9	S0409	.05410	8.4025	0.6	V
9003	9905.67	41 54N	123 27E	74.2	188.6	2.733	-8.40	63.3	S0409	.05410	9.7466	0.8	F
9004	9911.07	41 54N	123 26E	74.1	188.6	2.733	-7.70	63.4	S0409	.05410	9.7479	0.8	A
9005	9952.87	38 57N	121 40E	91.4	188.2	2.170	-38.85	64.8	S0409	.07190	7.9902	0.4	V
9006	9956.27	38 57N	121 39E	92.5	188.2	2.170	-38.85	64.8	S0409	.07190	7.8418	0.4	A
9007	10057.47	31 26N	121 18E	74.9	187.5	3.090	5.15	69.5	S0409	.05410	9.6807	0.6	F
9008	10060.27	31 25N	121 17E	74.1	187.5	3.090	5.50	69.5	S0409	.05410	9.8951	0.6	V
9009	10074.07	30 42N	120 14E	82.4	187.4	2.733	-27.65	69.3	S0409	.04090	8.7571	0.8	F
9010	10079.87	30 42N	120 15E	81.4	187.4	2.672	-26.25	69.4	S0409	.04090	8.9158	0.6	A
9011	10093.67	29 17N	121 6E	78.0	187.3	2.872	14.70	70.5	S0409	.05410	9.2601	0.4	A
9012	10106.47	28 3N	120 40E	76.1	187.3	3.090	7.00	70.8	S0409	.07190	9.5240	0.4	F
9013	10109.27	28 2N	120 40E	75.3	187.3	3.090	7.35	70.8	S0409	.07190	9.7219	0.4	V
9014	10112.07	28 2N	120 40E	76.3	187.3	3.090	7.70	70.8	S0409	.07190	9.4563	0.4	A
9015	10117.07	27 40N	120 26E	75.2	187.2	3.211	3.50	70.9	S0409	.07190	9.6394	0.4	F
9016	10118.07	27 15N	120 26E	75.3	187.2	3.211	3.50	70.9	S0409	.07190	9.6229	0.6	F
9017	10121.67	27 42N	120 26E	74.9	187.2	3.211	4.55	70.9	S0409	.07190	9.7796	0.4	V

Handle via
BYEMAN Channels
BYE-8915/84

Approved for Release: 2021/01/22 C05132886

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4354 COMMAND INFORMATION

REV	FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1617	9018	10125.07	26 57N	120 24E	74.2	187.2	3.211	5.25	71.0	S0409	.07190	9.5736	0.6	V
	9019	10134.67	26 11N	119 19E	84.6	187.2	2.733	-30.10	70.3	S0409	.05410	8.5262	0.4	F
	9020	10139.27	26 5N	119 14E	85.5	187.1	2.733	-31.85	70.3	S0409	.05410	8.5674	0.4	V
	9021	10142.27	26 0N	119 15E	85.9	187.1	2.733	-31.15	70.3	S0409	.05410	8.4603	0.6	A
	9022	10147.07	25 53N	119 9E	84.9	187.1	2.733	-31.50	70.4	S0409	.05410	8.6252	0.6	V
	9023	10150.27	25 47N	119 8E	85.7	187.1	2.733	-31.15	70.4	S0409	.05410	8.4450	0.6	A
	9024	10563.27	3 26S	114 48E	87.6	186.4	3.439	0.00	58.0	S0409	.05410	8.2211	0.6	F
	9025	10566.47	3 26S	114 48E	86.7	186.4	3.439	0.35	58.0	S0409	.05410	8.3360	0.6	V
	9026	10571.07	3 40S	114 47E	87.1	186.4	3.439	1.40	57.8	S0409	.05410	8.3531	1.0	V
	9027	10574.27	3 40S	114 46E	88.3	186.4	3.439	1.75	57.8	S0409	.05410	8.1139	1.0	A
	9028	10619.47	7 14S	112 44E	120.3	186.5	2.872	-44.10	54.0	S0409	.04090	5.9205	0.6	F
	9029	10633.47	7 27S	112 55E	110.4	186.5	3.439	-37.80	53.8	S0409	.05410	6.5307	0.4	A
	9030	10638.07	7 34S	112 43E	115.3	186.5	3.211	-40.95	53.5	S0409	.04090	6.2421	0.4	A
1618	5001	15224.47	41 21N	100 22E	85.5	188.6	2.170	-32.90	63.3	S0312	.03150	8.4015	0.4	F
	5002	15230.47	41 21N	100 22E	85.1	188.5	2.385	-32.55	63.3	S0312	.03150	8.5417	0.6	A
	5003	15236.07	40 44N	100 32E	77.8	188.5	2.385	-23.80	63.9	S0312	.03150	9.4239	0.4	V
	5004	15238.87	40 44N	100 33E	78.5	188.4	2.385	-23.45	63.9	S0312	.03150	9.2673	0.6	A
	5005	15294.67	36 36N	100 30E	73.2	188.0	2.733	9.80	67.0	S0312	.04150	10.0176	0.4	V
	5006	15297.27	36 36N	100 30E	74.2	188.0	2.733	10.15	67.0	S0312	.04150	9.7702	0.4	A
	9001	14864.87	66 28N	112 26E	76.9	196.2	1.475	3.85	42.7	S0409	.07190	9.5157	0.6	V
	9002	14867.67	66 29N	112 25E	77.7	196.1	1.475	3.85	42.7	S0409	.07190	9.3096	0.6	A
	9003	14862.47	66 56N	112 21E	78.0	195.9	1.475	9.80	43.2	S0409	.07190	9.3340	0.4	V
	9004	14865.27	66 56N	112 20E	78.8	195.8	1.475	9.80	43.2	S0409	.07190	9.1859	0.4	A
	9005	15063.87	52 17N	104 14E	76.2	190.5	2.033	-14.35	55.2	S0409	.07190	9.4745	0.6	F
	9006	15066.67	52 17N	104 14E	75.2	190.5	2.033	-14.00	55.2	S0409	.07190	9.7466	0.6	V
	9007	15202.47	43 0N	101 20E	74.7	188.8	2.511	-17.15	62.4	S0409	.07190	9.8126	0.4	V
	9008	15205.27	42 60N	101 20E	75.4	188.7	2.511	-16.80	62.4	S0409	.07190	9.6229	0.4	A
	9009	15209.67	42 20N	101 7E	76.4	188.7	2.511	-18.55	62.9	S0409	.05410	9.4498	0.4	F
	9010	15214.07	42 20N	101 15E	74.9	188.7	2.511	-14.00	62.9	S0409	.05410	9.6889	1.2	A
	9011	15222.47	41 29N	100 24E	85.6	188.6	2.170	-32.90	63.2	S0409	.05410	8.4025	3.0	F
	9012	15224.87	41 20N	100 24E	85.1	188.5	2.385	-32.55	64.3	S0409	.05410	8.5427	3.0	A
	9013	15267.27	38 58N	101 9E	75.4	188.3	2.733	11.90	65.6	S0409	.07190	9.6512	0.6	F
	9014	15260.07	38 36N	101 9E	74.6	188.3	2.733	12.25	65.6	S0409	.07190	9.8291	0.4	V
	9015	15262.67	38 47N	101 6E	74.7	188.2	2.733	12.25	65.7	S0409	.07190	9.8208	0.4	V
	9016	15268.47	38 47N	101 6E	75.7	188.2	2.733	12.60	65.7	S0409	.07190	9.5652	0.4	A
	9017	15274.87	38 10N	100 10E	74.4	188.1	2.733	-16.45	65.7	S0409	.07190	9.7651	0.6	A
	9018	15296.87	36 54N	101 6E	83.8	188.0	2.511	27.30	67.2	S0409	.05410	8.6746	0.8	F
	9019	15294.47	36 36N	100 30E	73.2	188.0	2.733	9.80	67.0	S0409	.04670	10.0187	0.6	V
	9020	15297.27	36 36N	100 30E	74.2	188.0	2.733	10.15	67.0	S0409	.07190	9.7714	0.4	A
1619	5001	20308.67	56 31N	85 4E	80.1	191.7	2.033	17.85	51.8	S0312	.04150	9.0529	1.2	F
	5002	20314.47	56 31N	85 4E	80.3	191.6	2.033	18.20	51.8	S0312	.04150	9.0262	1.2	A
	5003	20329.47	55 17N	83 1E	78.6	191.3	1.810	-19.25	52.6	S0312	.04150	9.1766	0.4	F
	5004	20332.27	55 17N	83 0E	77.7	191.3	1.810	-19.25	52.6	S0312	.04150	9.4157	0.4	V
	5005	20348.86	53 47N	83 58E	80.5	190.9	2.170	19.25	54.2	S0312	.03150	9.0034	0.4	F
	5006	20351.86	53 47N	83 58E	79.7	190.9	2.170	19.60	54.2	S0312	.03150	9.1998	0.4	V
	5007	20358.06	53 49N	84 9E	85.6	190.8	2.033	28.00	54.7	S0312	.03150	8.5464	0.4	V
	5008	20361.07	53 20N	84 10E	87.1	190.7	1.810	28.70	54.7	S0312	.03150	8.3356	0.6	A
	5009	20385.46	51 42N	81 13E	84.3	190.3	1.810	-30.80	55.5	S0312	.03150	8.6819	0.4	V
	5010	20388.47	51 43N	81 12E	85.4	190.3	2.033	-31.15	55.5	S0312	.03150	8.5170	0.6	A
	9001	20308.67	56 31N	85 4E	80.2	191.7	2.033	17.85	51.8	S0409	.07190	9.0546	1.8	F
	9002	20314.47	56 31N	85 4E	80.2	191.6	2.033	18.20	51.8	S0409	.07190	9.0292	1.2	A
	9003	20336.47	54 59N	82 57E	77.1	191.2	2.033	-17.85	52.4	S0409	.05410	9.4492	0.4	V
	9004	20339.27	54 59N	82 58E	77.8	191.1	2.033	-17.50	52.9	S0409	.05410	9.3261	0.4	A
	9005	20369.27	52 30N	82 43E	74.6	190.6	2.170	0.00	55.1	S0409	.07190	9.6972	0.6	F
	9006	20372.06	52 29N	82 43E	73.7	190.5	2.170	0.35	55.2	S0409	.07190	9.9445	0.6	V
	9007	20375.27	52 16N	82 38E	73.7	190.5	2.170	0.70	55.3	S0409	.07190	9.9445	0.4	V
	9008	20376.47	52 14N	82 37E	73.7	190.5	2.170	0.70	55.4	S0409	.07190	9.9445	0.4	V
	9009	20418.27	49 15N	81 0E	76.5	189.8	2.170	-16.80	57.7	S0409	.07190	9.4533	0.4	F
	9010	20423.47	49 0N	80 51E	76.5	189.8	2.170	-19.25	57.8	S0409	.07190	9.5755	0.4	V
	9011	20426.06	48 48N	80 52E	77.2	189.7	2.170	-18.90	57.8	S0409	.07190	9.4003	0.6	A
	9012	20430.27	48 46N	80 52E	76.1	189.7	2.385	-16.45	58.0	S0409	.07190	9.5405	0.4	A
	9013	20436.47	47 59N	80 32E	77.5	189.6	2.170	-19.60	58.6	S0409	.07190	9.3813	1.0	F
	9014	20440.67	47 36N	80 27E	76.9	189.6	2.170	-20.65	58.7	S0409	.05410	9.5157	0.6	V
	9015	20443.47	47 36N	80 27E	77.7	189.5	2.385	-20.65	58.7	S0409	.05410	9.3426	0.8	A
	9016	20677.86	31 24N	76 22E	79.1	187.5	2.733	-22.40	69.0	S0409	.05410	9.1282	1.0	F
	9017	20683.46	31 24N	76 22E	78.7	187.5	2.872	-21.70	69.1	S0409	.05410	9.2189	1.0	A
	9018	20719.06	28 56N	77 8E	86.5	187.3	2.511	28.35	71.1	S0409	.04090	8.4767	0.6	V
	9019	20722.06	28 37N	77 9E	87.3	187.3	2.511	28.70	71.1	S0409	.04090	8.2129	0.6	A
	9020	20771.46	24 54N	75 37E	75.5	187.1	3.211	-0.70	71.2	S0409	.07190	9.5900	0.4	F
	9021	20774.06	24 54N	75 37E	74.7	187.1	3.211	-0.35	71.2	S0409	.07190	9.8043	0.6	V
	9022	20776.86	24 54N	75 36E	75.6	187.1	3.211	0.00	71.2	S0409	.07190	9.5570	0.4	A
	9023	20855.06	19 6N	74 46E	79.0	186.8	3.211	10.15	71.2	S0409	.05410	9.1777	0.8	F
	9024	20860.66	19 6N	74 46E	79.5	186.8	3.090	11.20	71.2	S0409	.05410	9.0705	0.4	A
1620	5001	25607.26	57 24N	61 26E	82.9	192.0	1.687	-26.25	50.7	S0312	.03150	8.7086	0.4	F
	5002	25617.46	56 42N	61 6E	83.5	191.7	1.687	-27.30	51.3	S0312	.03150	8.6489	0.6	F
	5003	25620.46	56 42N	61 5E	82.2	191.7	1.687	-26.95	51.3	S0312	.03150	8.9045	0.6	V
	5004	25624.66	56 14N	60 39E	87.5	191.6	1.475	-32.20	51.6	S0312	.03150	8.2284	0.4	F
	5005	25627.66	56 14N	60 39E	86.3	191.5	1.687	-32.20	51.6	S0312	.03150	8.4940	1.0	V
	5006	25635.26	55 42N	60 42E	82.0	191.4	1.687	-26.95	52.2	S0312	.03150	8.9292	1.0	V
	5007	25641.86	55 4N	60 45E	78.9	191.2	1.810	-20.30	52.8	S0312	.04150	9.1436	0.4	F

Handle via
BYEMAN Channels
BYE-8915/84

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4354 COMMAND INFORMATION

REV	FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1620	5008	25644.66	55 2N	60 45E	78.0	191.2	1.810	-20.30	52.8	S0312	.04150	9.3327	0.4	V
	5009	25909.26	36 44N	55 19E	79.6	188.0	2.511	-25.55	66.4	S0312	.03150	9.0611	0.6	F
	5010	25912.06	36 44N	55 19E	78.5	188.0	2.511	-25.20	66.4	S0312	.03150	9.3250	0.6	V
	9001	25627.66	56 14N	60 39E	86.3	191.5	1.687	-32.20	51.6	S0409	.07190	8.4850	0.3	V
	9002	25630.86	56 14N	60 38E	87.2	191.5	1.687	-32.20	51.6	S0409	.07190	8.3201	0.8	A
	9003	25644.66	55 1N	60 45E	78.0	191.2	1.810	-20.30	52.8	S0409	.07190	9.3834	0.4	V
	9004	25647.46	55 1N	60 45E	78.8	191.1	2.033	-20.30	52.8	S0409	.07190	9.2106	0.4	A
	9005	25669.06	53 5N	60 58E	75.1	190.7	2.170	-4.20	54.7	S0409	.07190	9.6477	0.4	F
	9006	25671.66	53 5N	60 58E	74.2	190.7	2.170	-4.55	54.7	S0409	.07190	9.8786	0.4	V
	9007	25677.46	52 44N	60 25E	73.9	190.6	2.170	-7.00	54.9	S0409	.07190	9.9198	0.6	V
	9008	25680.26	52 44N	60 25E	74.6	190.6	2.170	-6.65	54.9	S0409	.07190	9.7146	0.6	A
	9009	25691.26	51 37N	59 57E	75.0	190.4	2.170	-9.45	55.8	S0409	.07190	9.6594	0.6	F
	9010	25695.06	51 41N	59 54E	74.9	190.3	2.170	-8.05	56.0	S0409	.07190	9.6724	0.6	F
	9011	25699.46	51 5N	59 50E	74.6	190.2	2.170	-7.00	56.3	S0409	.07190	9.6972	0.8	F
	9012	25704.86	51 5N	59 49E	74.5	190.2	2.170	-7.00	56.3	S0409	.07190	9.7301	0.8	A
	9013	25707.06	50 54N	59 46E	74.5	190.1	2.170	-7.00	56.4	S0409	.07190	9.7564	0.4	A
	9014	25710.46	50 40N	59 40E	74.5	190.1	2.385	-7.70	56.6	S0409	.07190	9.7301	0.4	A
	9015	25740.45	48 52N	58 3E	85.2	189.7	2.033	-32.55	58.0	S0409	.05410	8.5322	0.6	V
	9016	25743.46	48 36N	58 2E	86.2	189.6	2.033	-32.55	58.0	S0409	.05410	8.4273	0.6	A
	9017	25875.26	39 1N	56 22E	74.2	188.3	2.733	-6.05	65.3	S0409	.04090	9.7466	0.9	F
	9018	25880.66	39 1N	56 22E	74.1	188.2	2.739	-7.35	65.3	S0409	.04090	9.7796	0.8	A
	9019	25899.86	37 20N	55 28E	80.5	149.1	2.511	-25.55	65.9	S0409	.05410	8.9550	1.4	F
1621	5001	30914.26	57 26N	39 57E	76.2	192.0	1.810	-14.35	50.6	S0312	.05350	9.5371	0.6	V
	5002	30917.06	57 26N	39 57E	77.0	191.9	1.810	-14.00	50.6	S0312	.05350	9.4239	0.6	A
	5003	30927.86	56 50N	39 13E	81.1	191.7	1.810	-23.80	51.1	S0312	.04150	8.9540	1.0	A
	5004	30943.86	56 20N	38 14E	87.4	191.4	1.475	-32.20	52.3	S0312	.03150	8.2696	0.6	F
	5005	30947.06	56 27N	38 15E	85.8	191.3	1.687	-31.85	52.3	S0312	.03150	8.5252	0.6	V
	5006	30954.66	56 26N	38 5E	85.4	191.1	1.687	-31.50	52.8	S0312	.03150	8.5747	0.6	V
	5007	30957.86	56 26N	38 5E	86.1	191.1	1.687	-31.15	52.8	S0312	.03150	8.4510	0.6	A
	5008	30962.66	56 10N	37 52E	85.4	191.0	1.687	-30.45	53.4	S0312	.03150	8.4510	0.6	F
	5009	30965.66	56 11N	37 51E	84.4	190.9	1.687	-30.45	53.4	S0312	.03150	8.6736	0.6	V
	5010	30984.46	52 40N	39 27E	82.0	190.6	2.033	23.80	55.2	S0312	.03150	8.9375	0.8	V
	5011	30987.46	52 40N	39 27E	83.2	190.5	2.033	24.15	55.2	S0312	.03150	8.6304	0.8	A
	5012	30993.46	51 50N	39 15E	84.7	190.3	2.170	25.90	55.9	S0312	.03150	8.5412	0.8	F
	5013	30998.46	51 42N	39 15E	85.0	190.4	2.033	27.65	56.1	S0312	.03150	8.6242	0.8	V
	5014	31001.66	51 41N	39 15E	84.3	190.3	2.033	28.00	56.1	S0312	.03150	8.3943	0.4	A
	5015	31007.06	50 50N	39 4E	88.0	190.3	2.170	29.75	56.8	S0312	.03150	8.2696	0.6	F
	5016	31021.06	50 36N	38 40E	84.3	190.0	2.033	-30.10	56.4	S0312	.03150	8.6109	0.6	A
	5017	31026.06	50 4N	38 17E	87.8	190.0	1.810	-35.00	56.7	S0312	.03150	8.3421	1.0	V
	5018	31029.26	50 4N	38 17E	88.3	189.9	2.033	-34.65	56.7	S0312	.03150	8.2366	1.0	A
	5019	31035.26	49 50N	38 11E	81.3	189.8	2.170	-26.25	57.2	S0312	.03150	8.9540	0.6	A
	5020	31039.26	49 50N	38 21E	81.0	189.8	2.170	-25.90	57.8	S0312	.03150	8.9210	0.6	F
	5021	31042.06	49 50N	38 21E	79.8	189.8	2.170	-25.55	57.8	S0312	.03150	9.1848	0.6	V
	5022	31046.46	49 27N	38 59E	85.1	189.7	1.810	-31.15	58.1	S0312	.03150	8.4340	0.6	F
	5023	31049.46	49 27N	38 58E	84.0	189.7	2.033	-31.15	58.1	S0312	.03150	8.7149	0.6	V
	5024	31066.86	47 5N	37 29E	91.8	189.4	2.385	23.80	59.8	S0312	.03150	8.9522	0.6	V
	5025	31069.86	47 5N	37 29E	83.1	189.4	2.170	24.50	59.8	S0312	.03150	8.7251	0.6	A
	5026	31095.46	45 5N	35 11E	81.7	189.1	2.170	-27.30	60.7	S0312	.04150	8.8220	0.6	F
	5027	31098.66	44 52N	35 8E	81.8	189.1	2.170	-27.30	60.9	S0312	.04150	8.8220	1.2	F
	5028	31104.46	44 32N	35 8E	81.4	189.0	2.385	-26.95	60.9	S0312	.04150	8.9457	1.2	A
	5029	32264.66	34 2S	18 49E	135.7	187.8	2.872	-38.15	80.1	S0312	.03150	8.2767	1.0	V
	5030	32269.06	34 3S	18 47E	137.5	187.8	3.090	-38.15	80.1	S0312	.03150	8.1776	0.6	A
	9001	30669.06	73 20N	54 50E	82.7	203.4	1.113	14.70	36.8	S0409	.07190	8.7406	1.0	F
	9002	30676.06	73 20N	54 49E	82.6	202.9	0.986	15.05	36.0	S0409	.07190	8.7489	1.0	A
	9003	30835.86	62 59N	41 40E	87.5	194.1	1.332	-31.50	45.7	S0409	.07190	8.3581	0.6	V
	9004	30839.06	62 59N	41 39E	88.5	194.0	1.332	-31.50	45.7	S0409	.07190	8.1764	0.6	A
	9005	30901.26	59 7N	41 37E	80.5	192.3	2.033	18.20	50.4	S0409	.07190	8.9362	0.4	F
	9006	30904.26	59 7N	41 36E	79.5	192.2	2.033	18.20	50.4	S0409	.07190	9.2106	0.4	V
	9007	30914.26	57 26N	39 57E	76.2	192.0	1.810	-14.35	50.6	S0409	.09670	9.5942	0.4	V
	9008	30917.06	57 26N	39 57E	77.0	191.9	1.810	-14.00	50.6	S0409	.09670	9.4250	0.4	A
	9009	30923.26	57 13N	39 25E	80.3	191.8	1.810	-22.40	50.9	S0409	.07190	9.0210	0.6	A
	9010	30935.06	56 47N	38 20E	90.3	191.5	1.475	-36.05	51.5	S0409	.05410	8.1222	1.2	V
	9011	30938.46	56 47N	38 20E	90.7	191.5	1.687	-35.70	51.6	S0409	.05410	8.0167	1.2	A
	9012	30947.06	56 27N	38 15E	85.8	191.3	1.687	-31.85	52.3	S0409	.07190	8.5262	0.6	V
	9013	30950.06	56 27N	38 14E	86.5	191.2	1.687	-31.85	52.3	S0409	.07190	8.3613	0.6	A
	9014	30965.66	54 10N	37 51E	84.4	190.9	1.687	-30.45	53.4	S0409	.07190	8.6746	0.6	V
	9015	30968.66	54 11N	37 51E	85.0	190.9	1.687	-30.10	53.4	S0409	.07190	8.5727	0.6	A
	9016	30998.46	51 41N	39 15E	85.0	190.4	2.033	27.65	56.1	S0409	.07190	8.6252	0.4	V
	9017	31001.46	51 42N	39 16E	84.2	190.3	2.033	28.00	56.1	S0409	.05410	8.3943	0.6	A
	9018	31026.06	50 4N	38 17E	87.8	190.0	1.810	-35.00	56.7	S0409	.05410	8.3451	0.6	V
	9019	31029.26	50 4N	38 17E	88.2	189.9	2.033	-34.65	56.8	S0409	.05410	8.2376	0.6	A
	9020	31049.26	48 26N	35 59E	84.0	189.7	2.033	-31.15	58.1	S0409	.05410	8.7159	0.4	V
	9021	31052.26	48 26N	35 58E	84.3	189.6	2.033	-31.15	58.1	S0409	.05410	8.5427	0.4	A
	9022	31091.06	45 25N	35 16E	81.7	189.2	2.170	-27.30	60.5	S0409	.05410	8.8251	0.6	F
	9023	31103.06	44 56N	35 9E	81.2	189.0	2.385	-26.95	60.8	S0409	.07190	8.9468	3.8	A
	9024	31242.26	34 06N	33 23E	74.0	187.3	2.872	-4.55	67.7	S0409	.07190	9.7796	0.4	F
	9025	31244.46	34 07N	33 23E	73.1	187.3	2.872	-4.20	67.7	S0409	.07190	10.0187	0.6	V
	9026	31295.86	31 17N	32 19E	76.3	187.3	2.872	-14.05	69.2	S0409	.07190	9.4663	0.6	F
	9027	31298.66	31 16N	32 18E	75.3	187.3	2.872	-14.70	69.2	S0409	.07190	9.7136	0.6	V
	9028	31308.26	30 27N	31 42E	84.4	187.3	2.511	-30.10	69.2	S0409	.05090	8.5262	0.8	F
	9029	31311.26	30 27N	31 41E	83.3	187.4	2.733	-30.10	69.2	S0409	.04090	8.7301	1.0	V
	9030	31317.46	30 4N	31 15E	93.5	187.4	2.511	-39.90	69.1	S0409	.05410	7.8088	0.6	V
	9031	31320.66	30 4N	31 16E	93.7	187.4	2.511	-39.20	69.1	S0409	.05410	7.7428	1.0	A
	9032	32156.06	27 49S	21 36E	105.5	187.2	3.211	-7.70	36.5	S0409	.05410	8.7533	0.6	F

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1621 9033	32159.86	27 49S	21 37E	104.3	187.3	3.211	-6.65	36.5	S0409	.07190	6.9018	0.6	V
9034	32163.66	27 49S	21 38E	105.7	187.3	3.211	-5.95	36.6	S0409	.05410	6.7121	0.6	A
1622 9001	35404.66	64 45N	177 54E	94.7	344.7	-1.466	1.05	-1.4	S0312	.29710	7.5353	0.6	A
9002	36337.86	49 34N	16 15E	82.8	189.9	2.170	25.55	57.8	S0312	.03150	8.8715	0.6	V
9003	36340.86	49 34N	16 15E	84.1	189.9	2.170	25.90	57.8	S0312	.03150	8.6324	0.6	A
9001	36222.46	57 40N	18 18E	75.2	192.0	2.033	-4.20	50.6	S0409	.09670	9.6312	0.6	A
9002	36265.26	54 36N	16 50E	74.4	191.1	2.033	-8.40	53.3	S0409	.09670	9.8558	0.4	V
9003	36268.06	54 36N	16 50E	75.1	191.0	2.033	-8.05	53.3	S0409	.09670	9.6477	0.4	A
9004	36281.86	53 47N	16 35E	73.7	190.8	2.170	-3.50	54.3	S0409	.07190	9.9445	0.4	V
9005	36284.46	53 47N	16 35E	74.5	190.7	2.170	-3.15	54.3	S0409	.07190	9.7219	0.4	A
9006	36297.86	52 47N	15 20E	80.9	190.5	1.810	-26.25	54.9	S0409	.07190	9.0457	0.6	V
9007	36300.86	52 47N	15 20E	81.7	190.5	2.033	-26.25	54.9	S0409	.07190	8.8498	0.6	A
9008	36310.26	51 46N	15 45E	74.5	190.3	2.170	-5.95	56.0	S0409	.07190	9.7186	0.8	F
9009	36313.66	51 46N	15 45E	74.3	190.2	2.170	-5.25	56.0	S0409	.07190	9.7549	0.8	A
9010	36323.86	50 41N	15 56E	75.8	190.1	2.385	9.10	57.0	S0409	.07190	9.5735	0.6	F
9011	36327.86	50 3N	15 44E	75.0	190.1	2.385	5.95	57.2	S0409	.07190	9.6642	0.6	F
9012	36330.66	50 3N	15 44E	74.2	190.0	2.385	6.30	57.2	S0409	.07190	9.8868	0.6	V
9013	36343.66	49 7N	16 9E	83.5	189.8	2.170	26.25	58.2	S0409	.07190	8.7383	0.6	V
9014	36346.86	49 6N	16 10E	85.3	189.8	2.170	27.30	58.2	S0409	.05410	8.4362	0.6	A
9015	36400.26	46 17N	14 34E	77.7	189.1	2.385	17.15	61.1	S0409	.07190	9.4415	0.4	V
9016	36403.06	46 16N	14 34E	78.7	189.1	2.385	17.50	61.1	S0409	.07190	9.1859	0.6	A
9017	36949.86	7 29N	6 28E	85.3	186.5	3.090	15.40	66.3	S0409	.05410	8.5510	0.8	V
9018	36972.26	6 2N	5 28E	83.4	186.5	3.574	-15.40	64.7	S0409	.07190	8.7489	0.6	V
9019	36975.46	6 1N	5 26E	84.6	186.5	3.574	-15.75	64.7	S0409	.07190	8.5180	0.6	A
1623 5001	41769.25	41 15N	8 41W	78.9	188.5	2.511	17.85	64.1	S0312	.03150	9.1848	0.6	A
9001	41590.85	53 41N	6 14W	77.9	190.7	2.033	-21.00	54.2	S0409	.07190	9.4003	0.6	V
9002	41593.65	53 41N	6 14W	78.6	190.7	2.033	-20.65	54.2	S0409	.07190	9.2271	0.6	A
9003	42140.25	15 34N	14 57W	79.1	186.7	3.211	-14.70	69.7	S0409	.05410	9.2554	1.0	V
9004	42147.65	12 12N	14 39W	86.8	186.6	2.872	21.70	69.1	S0409	.05410	8.4408	1.0	V
9005	42200.05	11 54N	14 45W	88.8	186.5	2.872	22.40	68.8	S0409	.05410	8.0892	1.0	A
1624 5001	47992.45	22 4S	45 2W	134.7	186.9	2.733	-44.10	41.1	S0312	.02260	5.2767	0.8	F
9001	47710.45	2 52S	40 6W	87.4	186.4	3.574	-4.05	58.4	S0409	.05410	8.2294	0.8	F
9002	47737.25	4 52S	38 23W	105.0	186.4	2.733	29.75	57.5	S0409	.05410	5.4770	0.8	F
9003	47745.05	5 9S	39 14W	111.6	186.4	2.385	35.35	57.4	S0409	.04090	6.5059	1.0	V
9004	47965.05	19 40S	43 9W	98.9	186.8	3.439	-7.00	43.9	S0409	.05410	7.1986	1.0	A
9005	48005.65	22 52S	43 10W	103.1	187.0	2.872	10.50	41.4	S0409	.07190	6.9328	0.6	V
9006	48009.65	22 53S	43 10W	104.9	187.0	2.872	11.20	41.4	S0409	.07190	6.7616	0.4	A
1625 5001	53175.25	13 46S	65 11W	117.6	186.0	3.090	-46.25	48.9	S0312	.02260	5.1589	1.0	V
5002	53398.45	28 36S	65 6W	142.5	187.3	1.475	39.55	36.7	S0312	.02260	4.9551	1.2	A
5003	53718.05	49 39S	70 58W	135.8	190.0	1.687	21.70	16.2	S0312	.04150	5.1613	1.0	A
5004	53745.25	51 46S	72 30W	127.2	190.4	2.033	5.60	14.2	S0312	.05390	5.5158	0.6	A
9001	52940.45	1 50N	61 7W	84.1	186.4	3.439	3.50	62.2	S0409	.05410	8.6582	1.0	V
9002	53147.85	13 10S	64 41W	104.5	186.0	3.211	-29.05	49.3	S0409	.05410	6.8275	1.0	F
9003	53182.25	14 14S	64 52W	105.0	186.0	3.211	-28.70	48.5	S0409	.05410	6.7946	1.0	F
9004	53187.65	14 8S	64 46W	102.3	186.0	3.439	-25.20	48.7	S0409	.05410	7.0007	1.0	A
9005	53208.05	15 20S	62 53W	133.2	186.7	2.170	40.95	47.6	S0409	.04090	5.3945	0.8	F
9006	53217.25	16 17S	62 56W	133.6	186.7	1.687	41.30	47.9	S0409	.04090	5.3920	1.0	A
9007	53243.85	18 17S	64 40W	96.1	186.8	3.211	2.80	45.4	S0409	.05410	7.5202	1.0	V
9008	53254.85	18 40S	64 37W	99.0	186.8	3.090	8.05	45.0	S0409	.05410	7.1421	1.0	A
9009	53347.65	25 4S	66 10W	102.1	187.1	3.211	-3.85	39.2	S0409	.05410	6.9595	1.2	A
9010	53415.65	30 19S	66 16W	117.6	187.4	2.511	21.70	34.7	S0409	.05410	5.0772	0.6	F
9011	53420.05	30 19S	66 16W	116.9	187.4	2.511	22.05	34.7	S0409	.05410	5.1514	0.4	V
9012	53424.45	30 19S	66 16W	118.3	187.4	2.511	22.40	34.7	S0409	.05410	5.9287	0.4	A
9013	53448.35	32 8S	67 11W	111.5	187.5	3.211	-19.55	32.4	S0409	.05410	6.4400	1.2	V
9014	53455.65	32 40S	68 46W	121.2	187.6	3.090	-28.70	31.6	S0409	.05410	5.8863	0.8	F
9015	53460.05	32 40S	68 47W	119.7	187.6	3.090	-29.35	31.6	S0409	.05410	6.0029	0.4	V
9016	53465.05	32 50S	68 51W	122.7	187.7	3.090	-29.05	31.5	S0409	.05410	5.7385	2.4	A
9017	53472.85	33 20S	69 7W	126.8	187.7	3.211	-32.20	31.0	S0409	.05410	5.5989	0.8	A
9018	53478.25	33 42S	69 9W	125.8	187.7	3.211	-31.15	30.7	S0409	.05410	5.6401	1.0	A
9019	53486.85	34 57S	68 40W	112.6	187.8	3.090	-14.35	29.8	S0409	.05410	6.2998	1.4	F
9020	53494.85	35 40S	69 33W	126.3	187.9	2.872	-31.15	29.0	S0409	.05410	5.5989	0.6	F
9021	53504.25	36 27S	69 34W	126.3	187.9	3.211	-30.80	29.0	S0409	.05410	5.6104	0.6	A
9022	53524.65	37 40S	67 40W	126.9	188.1	2.170	24.15	27.9	S0409	.05410	5.5989	1.2	F
9023	53531.45	37 51S	67 50W	123.6	188.1	2.170	22.05	27.7	S0409	.05410	5.7803	1.2	V
9024	53545.65	38 24S	70 25W	129.4	188.2	2.872	-31.50	26.1	S0409	.05410	5.5494	0.6	V
9025	53549.85	38 30S	70 19W	128.4	188.2	3.090	-29.75	26.2	S0409	.05410	5.5164	1.0	A
9026	53724.05	51 1S	71 34W	131.5	190.1	2.033	16.45	15.1	S0409	.07190	5.3640	1.0	F
9027	53728.45	51 0S	71 27W	131.9	190.2	1.810	18.55	15.2	S0409	.07190	5.4010	1.0	V
9028	53734.05	51 1S	71 47W	130.1	190.3	1.810	13.65	15.0	S0409	.07190	5.3762	1.0	A
1626 5001	56496.25	56 0N	94 30E	98.3	348.4	-2.028	-4.90	-10.8	S0312	.29710	7.2885	1.0	A
9001	57944.44	22 40N	73 52W	77.1	187.0	3.211	-12.60	71.0	S0409	.05410	9.3756	5.2	F
9002	57958.24	22 30N	73 55W	77.1	186.9	3.211	-11.90	71.0	S0409	.05410	9.3920	2.4	A
9003	57967.84	21 48N	73 46W	76.6	186.9	3.211	0.00	71.3	S0409	.05410	9.4415	1.4	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1626 9004	5A09A.44	12 30N	81 42W	79.4	186.6	3.439	-11.55	69.5	S0409	.05410	9.2106	1.0	V
9005	5A102.44	12 34N	81 43W	80.3	186.6	3.439	-10.85	69.5	S0409	.07190	8.9962	0.4	A
1627 9001	63287.24	20 20N	102 46W	83.1	186.9	3.090	-26.60	70.5	S0409	.05410	8.6911	1.0	F
9002	63300.24	19 26N	102 2W	78.7	186.8	3.211	10.85	71.2	S0409	.05410	9.2271	1.0	F
9003	63306.04	19 1N	102 5W	79.6	186.8	3.211	11.20	71.2	S0409	.05410	9.1199	0.6	F
1628 5001	6A343.84	37 27N	122 3W	97.6	188.1	2.033	-42.35	65.5	S0312	.02260	7.3357	0.6	F
5002	6A347.24	37 27N	122 2W	96.0	188.1	2.033	-42.00	65.5	S0312	.02260	7.6513	0.6	V
5003	6A350.64	37 27N	122 2W	96.7	188.0	2.385	-42.00	65.5	S0312	.02260	7.8523	0.6	A
9001	6A343.64	37 27N	122 3W	97.6	188.1	2.033	-42.35	65.5	S0409	.05410	7.3965	0.6	F
9002	6A347.24	37 27N	122 2W	96.0	188.1	2.033	-42.00	65.5	S0409	.05410	7.6521	0.6	V
9003	6A350.64	37 27N	122 2W	96.6	188.0	2.385	-42.00	65.5	S0409	.05410	7.8532	0.6	A
1632 5001	2949.23	52 47N	156 9E	80.4	190.7	2.170	19.60	54.9	S0312	.04150	9.0364	0.4	F
5002	2952.03	52 46N	156 9E	79.7	190.6	2.170	19.95	54.9	S0312	.04150	9.2696	0.4	V
5003	3010.03	49 54N	154 14E	74.0	189.8	2.385	5.95	58.0	S0312	.04150	9.9104	0.6	V
5004	3012.83	49 54N	154 14E	74.9	189.7	2.385	6.30	58.0	S0312	.04150	9.6795	0.6	A
5005	3035.03	47 0N	152 17E	87.2	189.4	1.810	-33.60	58.9	S0312	.02260	8.2514	0.4	F
5006	303A.03	47 0N	152 16E	86.3	189.4	2.033	-33.95	58.9	S0312	.02260	8.4840	0.6	V
9001	2952.03	52 47N	156 9E	79.7	190.6	2.170	19.95	54.9	S0409	.05410	9.2106	0.4	V
9002	2954.83	52 46N	156 9E	80.0	190.6	2.170	20.30	54.9	S0409	.07190	8.9653	0.4	A
9003	2988.83	50 0N	155 23E	84.3	190.1	2.385	25.55	57.3	S0409	.05410	8.6087	0.4	F
9004	2991.83	50 0N	155 24E	83.7	190.0	2.170	26.25	57.3	S0409	.05410	8.7756	0.4	V
9005	2998.83	49 47N	154 41E	77.0	189.9	2.385	12.95	57.6	S0409	.05410	9.4168	0.4	F
9006	300I.83	49 47N	154 41E	76.2	189.9	2.385	13.30	57.6	S0409	.05410	9.6229	0.4	V
9007	3004.43	49 47N	154 40E	77.2	189.8	2.385	13.65	57.6	S0409	.05410	9.3756	0.4	A
9008	3020.03	48 0N	153 17E	76.1	189.6	2.385	-15.75	58.4	S0409	.05410	9.4910	0.4	F
9009	3022.83	48 0N	153 17E	75.1	189.6	2.385	-15.40	58.4	S0409	.05410	9.7749	0.4	V
9010	3025.83	49 0N	153 16E	75.9	189.6	2.385	-15.05	58.4	S0409	.05410	9.5735	0.4	A
9011	3038.03	47 0N	152 16E	86.3	189.4	2.033	-33.95	58.9	S0409	.05410	8.4850	0.4	V
9012	3041.23	47 0N	152 16E	87.0	189.4	2.033	-33.60	58.9	S0409	.05410	8.3551	0.4	A
9013	3829.23	7 10S	143 35E	116.8	186.5	2.033	36.75	55.7	S0409	.03090	6.0772	0.6	A
1633 5001	8667.22	24 52N	125 9E	88.6	187.1	2.733	-33.95	70.3	S0312	.03150	8.1295	1.2	F
9001	8411.02	42 20N	130 22E	76.1	186.7	2.733	11.20	63.1	S0409	.07190	9.5322	2.6	F
9002	8418.02	42 17N	130 20E	76.4	186.6	2.511	12.25	63.2	S0409	.07190	9.4424	1.2	A
9003	8444.82	40 11N	128 15E	90.2	186.4	2.033	-36.75	63.9	S0409	.05410	7.8302	3.2	F
9004	8452.62	40 0N	128 13E	89.7	186.3	2.385	-36.75	63.9	S0409	.05410	8.1057	2.2	A
9005	8465.62	38 44N	128 21E	80.1	186.2	2.511	-25.20	65.0	S0409	.05410	8.9962	2.6	F
9006	8471.62	38 40N	128 21E	79.6	186.2	2.733	-24.85	65.0	S0409	.05410	9.1199	4.8	A
9007	8502.62	36 20N	127 20E	90.7	186.0	2.170	-33.15	66.1	S0409	.04090	8.0362	0.8	V
9008	8505.82	36 27N	127 20E	91.5	187.9	2.385	-38.15	66.1	S0409	.04090	7.9409	0.4	A
9009	8520.02	35 20N	127 22E	84.5	187.8	2.511	-31.15	66.8	S0409	.05410	8.5922	0.6	A
9010	A673.82	24 49N	125 18E	83.8	187.1	3.090	-28.35	70.5	S0409	.05410	8.6582	1.0	A
9011	9061.62	1 36S	121 20E	87.7	186.4	3.439	3.85	59.4	S0409	.05410	8.1716	0.4	A
9012	9102.82	5 0S	119 26E	115.1	186.4	2.872	-42.00	55.9	S0409	.04090	6.1326	0.6	F
9013	9107.42	5 14S	119 52E	97.9	186.4	3.439	-30.10	56.1	S0409	.05410	7.4213	0.6	V
9014	9111.02	5 14S	119 51E	99.0	186.4	3.439	-29.75	56.2	S0409	.05410	7.2728	0.6	A
9015	9160.22	9 30S	119 2E	108.5	186.5	3.439	-35.70	53.3	S0409	.05410	6.6479	0.6	A
1634 5001	13776.82	38 31N	106 17E	78.1	188.2	2.511	-22.05	65.2	S0312	.03150	9.2443	0.6	F
5002	13779.62	38 31N	106 17E	77.1	188.2	2.511	-21.70	65.2	S0312	.03150	9.4341	0.6	V
5003	137A8.82	37 54N	106 1E	79.0	186.1	2.511	-25.90	65.5	S0312	.03150	9.2370	0.4	V
5004	13843.22	33 59N	106 44E	87.1	187.7	2.511	30.45	68.7	S0312	.03150	8.4263	0.8	V
5005	13846.42	33 59N	106 44E	88.5	187.7	2.511	30.80	68.7	S0312	.03150	8.1799	0.4	A
5006	13894.22	30 41N	104 7E	87.8	187.4	2.511	-35.35	68.9	S0312	.03150	8.3273	0.6	V
5007	13897.42	30 41N	104 7E	88.6	187.4	2.733	-35.35	68.9	S0312	.03150	8.2119	0.8	A
9001	13661.82	46 30N	108 20E	77.5	189.3	2.033	-22.75	59.5	S0409	.05410	9.4580	0.6	V
9002	13664.62	46 30N	108 20E	78.2	189.3	2.385	-22.75	59.5	S0409	.05410	9.2351	0.6	A
9003	13745.82	37 54N	106 3E	79.5	188.1	2.511	-25.20	65.5	S0409	.05410	9.0622	0.6	F
9004	13793.42	37 30N	105 54E	79.7	188.1	2.511	-26.95	65.7	S0409	.05410	9.1459	0.6	V
9005	13799.22	37 29N	105 42E	84.3	188.0	2.511	-31.85	65.7	S0409	.04090	8.6387	0.6	A
9006	13829.02	35 0N	105 20E	80.6	187.8	2.511	-27.30	67.1	S0409	.05410	8.9468	0.4	F
9007	13843.22	33 59N	106 44E	87.1	187.7	2.511	30.45	68.7	S0409	.05410	8.4273	0.6	V
9008	13846.42	33 59N	106 44E	88.5	187.7	2.511	30.80	68.7	S0409	.05410	8.1799	0.6	A
9009	13863.22	32 41N	105 36E	74.4	187.6	3.090	2.45	68.9	S0409	.05410	9.7301	0.4	F
9010	13865.82	32 41N	105 36E	73.6	187.6	2.872	2.80	68.9	S0409	.05410	9.9610	0.6	V
9011	13873.02	32 4N	105 6E	74.3	187.6	2.872	-12.60	68.8	S0409	.07190	9.8538	0.4	V
9012	13890.42	31 50N	104 19E	87.5	187.5	2.511	-35.35	68.5	S0409	.05410	8.3351	0.6	V
9013	13893.62	31 37N	104 19E	89.0	187.5	2.733	-35.00	68.5	S0409	.05410	8.2541	0.6	A
9014	13849.62	30 59N	104 20E	83.7	187.5	2.733	-31.15	68.9	S0409	.04090	8.7406	0.8	V
9015	13894.22	30 41N	104 7E	87.8	187.4	2.511	-35.35	68.9	S0409	.05410	8.3263	0.6	V
9016	13897.42	30 41N	104 7E	88.6	187.4	2.733	-35.35	68.9	S0409	.05410	8.2129	0.6	A
9017	13911.42	29 53N	103 65E	76.2	187.4	3.090	2.40	70.2	S0409	.05410	9.4828	0.4	A
9018	13917.42	29 40N	104 39E	74.8	187.3	3.090	-4.20	70.2	S0409	.07190	9.6307	0.8	F
9019	13922.82	29 40N	104 39E	74.9	187.3	3.090	-3.15	70.2	S0409	.07190	9.6807	0.8	A
9020	13943.82	27 1N	103 57E	76.3	187.2	3.090	-17.50	70.4	S0409	.05410	9.4745	0.4	F
9021	13953.22	26 39N	104 42E	78.6	187.2	2.872	16.80	71.2	S0409	.05410	9.1359	0.4	A

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1634 9022	13963.42	25 39N	103 43E	76.4	187.1	3.090	-16.10	70.7	S0409	.05410	9.4580	0.4	F
9023	13966.22	25 39N	103 43E	75.3	187.1	3.090	-15.40	70.7	S0409	.07190	9.7301	0.4	V
9024	13968.82	25 40N	103 43E	76.1	187.1	3.090	-15.05	70.7	S0409	.07190	9.5240	0.6	A
9025	14117.22	15 0N	102 6E	78.5	186.6	3.439	-0.70	69.8	S0409	.05410	9.2024	1.0	F
9026	14121.22	14 58N	102 5E	77.8	186.6	3.439	-0.35	69.8	S0409	.05410	9.3920	0.6	V
9027	14130.02	14 28N	101 24E	83.3	186.6	3.211	-23.80	69.0	S0409	.05410	8.7571	0.6	V
9028	14133.02	14 26N	101 24E	84.1	186.6	3.439	-23.45	69.0	S0409	.05410	8.6087	0.6	A
1635 5001	18821.62	56 14N	91 40E	86.9	191.7	2.033	28.00	51.9	S0312	.03150	8.3603	0.6	F
5002	18824.82	56 14N	91 40E	86.3	191.6	1.810	28.70	52.0	S0312	.03150	8.5087	0.4	V
9001	18789.42	58 26N	92 17E	81.0	192.4	2.033	18.90	49.9	S0409	.05410	8.9550	0.6	F
9002	18795.22	58 26N	92 17E	81.1	192.3	1.810	19.60	49.9	S0409	.05410	8.9303	0.6	A
9003	18833.82	59 36N	89 56E	74.9	191.4	2.033	-6.25	52.2	S0409	.07190	9.6559	0.4	F
9004	18837.62	55 41N	89 45E	75.0	191.3	2.033	-7.70	52.4	S0409	.07190	9.6477	2.2	F
9005	18840.62	55 9N	89 40E	75.0	191.3	2.033	-7.70	52.6	S0409	.07190	9.6477	0.8	F
9006	18846.02	55 9N	89 39E	74.9	191.2	2.033	-7.35	52.6	S0409	.07190	9.6889	0.6	A
9007	19442.62	13 42N	80 14E	85.5	186.6	3.090	18.90	69.7	S0409	.05410	8.4605	0.8	F
9008	19445.62	13 40N	80 14E	84.9	186.6	3.090	19.25	69.7	S0409	.05410	8.6087	0.8	V
9009	19460.42	12 36N	78 50E	88.2	186.6	3.211	-29.05	68.2	S0409	.05410	8.1469	0.6	F
9010	19463.62	12 36N	78 50E	87.1	186.6	3.211	-28.70	68.2	S0409	.05410	8.3360	0.6	V
1636 5001	24101.42	58 20N	68 14E	80.8	192.3	1.687	-22.75	49.7	S0312	.04150	8.9375	1.0	F
9001	23944.62	68 56N	75 50E	77.3	198.0	1.113	-7.70	40.1	S0409	.09670	9.4580	0.6	V
9002	23947.42	68 56N	75 50E	78.1	197.8	1.113	-7.35	40.1	S0409	.07190	9.2581	0.6	A
9003	24065.62	60 43N	71 27E	81.2	195.2	1.687	20.65	47.9	S0409	.07190	9.0210	0.8	V
9004	24069.62	60 43N	71 27E	82.3	195.1	1.687	21.00	47.9	S0409	.07190	8.7318	0.8	A
9005	24199.02	51 36N	66 21E	74.4	190.4	2.170	-4.55	55.6	S0409	.07190	9.7501	1.6	F
9006	24204.22	51 36N	66 21E	74.2	190.3	2.170	-3.85	55.6	S0409	.07190	9.7661	0.4	A
9007	24205.22	51 34N	66 20E	74.2	190.3	2.170	-3.85	55.7	S0409	.07190	9.7661	0.8	A
9008	24208.62	51 3N	66 13E	73.3	190.2	2.170	-3.50	56.0	S0409	.07190	9.9940	0.6	V
9009	24211.42	51 9N	66 12E	74.2	190.2	2.385	-3.50	56.0	S0409	.07190	9.7714	0.4	A
9010	24281.22	46 5N	63 42E	84.0	189.3	2.033	-30.10	59.8	S0409	.05410	8.5859	3.6	F
9011	24288.22	45 4N	63 40E	83.6	189.2	2.033	-29.75	59.8	S0409	.05410	8.6311	2.0	A
9012	24403.22	37 41N	61 50E	79.0	188.1	2.511	-23.10	65.7	S0409	.05410	9.1199	0.8	F
9013	24408.81	37 42N	61 50E	78.7	188.1	2.733	-22.75	65.7	S0409	.05410	9.2271	0.8	A
9014	24415.42	37 20N	61 13E	90.5	188.0	2.511	-37.45	65.6	S0409	.04090	8.0480	0.6	A
1637 5001	29139.21	76 14N	62 37E	84.3	207.4	0.629	-21.00	32.9	S0312	.04150	8.6654	0.6	V
5002	29142.41	76 14N	62 36E	85.2	207.0	0.629	-21.00	32.9	S0312	.04150	8.5005	0.6	A
5003	29494.21	52 16N	45 23E	80.5	190.6	2.170	19.95	55.3	S0312	.03150	8.0117	0.6	F
5004	29499.01	51 52N	45 41E	88.0	190.5	2.170	29.75	55.7	S0312	.03150	8.2449	1.2	F
5005	29501.41	51 42N	45 37E	88.0	190.4	2.170	29.75	55.9	S0312	.03150	8.2284	0.6	F
5006	29504.61	51 42N	45 37E	87.3	190.4	2.170	30.10	55.9	S0312	.03150	8.3951	0.8	V
5007	29507.81	51 42N	45 36E	86.7	190.3	2.170	30.45	55.9	S0312	.03150	8.1460	1.0	A
5008	29541.01	49 1N	44 35E	86.7	189.9	2.385	28.35	58.1	S0312	.03150	8.3933	0.6	F
5009	29544.01	49 2N	44 35E	85.8	189.8	2.170	28.70	58.1	S0312	.03150	8.5365	0.8	V
5010	29550.41	48 59N	44 29E	87.1	189.7	2.170	30.10	58.5	S0312	.03150	8.4545	0.8	U
5011	29553.61	48 58N	44 29E	88.5	189.7	2.170	30.45	58.5	S0312	.03150	8.2037	0.8	A
5012	29643.01	42 11N	41 40E	74.5	188.7	2.733	4.90	63.1	S0312	.04150	9.7207	0.6	F
5013	29648.21	42 11N	41 40E	74.7	188.6	2.733	5.60	63.1	S0312	.04150	9.6960	0.8	A
9001	29138.81	76 15N	62 40E	84.3	207.5	0.629	-21.00	32.9	S0409	.09670	8.6664	0.6	V
9002	29142.01	76 15N	62 38E	85.2	207.1	0.629	-21.00	32.9	S0409	.09670	8.5015	0.4	A
9003	29220.61	70 52N	54 10E	87.4	199.8	0.776	-26.95	38.2	S0409	.07190	8.2576	1.0	F
9004	29223.81	70 51N	54 9E	86.2	199.6	0.776	-26.95	38.2	S0409	.07190	8.4685	1.0	V
9005	29268.81	68 0N	53 40E	78.1	197.6	1.332	4.90	40.9	S0409	.07190	9.2601	0.8	F
9006	29264.41	68 0N	53 49E	77.9	197.3	1.332	5.25	40.9	S0409	.07190	9.2849	0.8	A
9007	29269.81	67 56N	53 3E	76.5	197.0	1.332	0.00	41.3	S0409	.07190	9.5735	0.6	V
9008	29272.61	67 56N	53 2E	77.3	196.9	1.332	0.00	41.3	S0409	.07190	9.3673	0.6	A
9009	29371.41	61 1N	46 53E	86.9	193.2	1.332	-31.50	47.2	S0409	.07190	8.4273	0.8	V
9010	29374.41	61 2N	46 53E	87.9	193.1	1.332	-31.50	47.2	S0409	.07190	8.2623	1.0	A
9011	29438.21	56 10N	46 6E	74.9	191.6	2.033	-1.75	51.7	S0409	.07190	9.6559	0.6	F
9012	29443.61	56 10N	46 6E	74.8	191.5	2.033	-1.05	51.7	S0409	.07190	9.6889	0.6	A
9013	29449.61	56 9N	46 26E	76.9	191.4	2.033	13.65	52.4	S0409	.07190	9.5322	0.6	V
9014	29452.61	56 9N	46 26E	77.9	191.3	2.033	14.00	52.4	S0409	.07190	9.2951	0.4	A
9015	29464.21	54 4N	44 39E	78.9	191.1	1.810	-22.40	52.9	S0409	.07190	9.2766	0.4	V
9016	29467.01	54 41N	44 39E	79.6	191.0	2.033	-22.40	52.9	S0409	.07190	9.1117	0.6	A
9017	29481.21	53 14N	45 4E	74.8	190.8	2.170	2.10	54.3	S0409	.07190	9.6889	0.6	F
9018	29486.41	53 13N	45 5E	74.7	190.7	2.171	2.80	54.3	S0409	.07190	9.6472	0.6	A
9019	29501.21	51 43N	45 36E	88.1	190.4	2.170	29.75	55.9	S0409	.05410	8.2294	1.0	F
9020	29504.41	51 42N	45 38E	87.3	190.4	2.170	30.10	55.9	S0409	.05410	8.3860	1.0	V
9021	29532.01	49 47N	43 42E	74.2	190.0	2.385	-2.10	57.1	S0409	.07190	9.7549	0.8	F
9022	29544.01	49 2N	44 35E	85.8	189.8	2.170	28.70	58.1	S0409	.05410	8.5345	0.6	V
9023	29547.21	49 1N	44 35E	87.1	189.8	2.170	29.05	58.1	S0409	.05410	8.2871	0.6	A
9024	29563.01	47 40N	43 6E	74.1	189.6	2.511	0.35	58.9	S0409	.07190	9.7714	0.8	F
9025	29568.21	47 40N	43 7E	74.1	189.5	2.511	1.05	58.9	S0409	.07190	9.7796	1.0	A
9026	29589.21	45 52N	42 36E	74.1	189.2	2.511	1.75	60.3	S0409	.07190	9.7796	0.6	F
9027	29594.41	45 50N	42 36E	74.1	189.2	2.511	2.45	60.3	S0409	.07190	9.7714	0.8	A
9028	29612.61	44 9N	42 58E	85.1	189.0	2.385	27.30	61.9	S0409	.05410	8.5510	0.6	F
9029	29618.81	44 8N	42 58E	85.7	188.9	2.170	28.35	62.0	S0409	.05410	8.4438	0.6	A
9030	29641.41	42 17N	41 42E	74.6	188.7	2.733	4.90	63.0	S0409	.04090	9.7219	1.8	F
9031	29647.81	42 16N	41 41E	74.7	188.6	2.733	5.60	63.1	S0409	.04090	9.6972	0.8	A
9032	29655.21	41 41N	41 40E	76.9	188.6	2.511	15.05	63.6	S0409	.07190	9.4168	0.6	A

Handle via
BYEMAN Channels
BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1637 9033	30239.01	1 27N	32 28E	97.6	186.4	3.211	-33.95	61.3	S0409	.03090	7.4542	1.2	V
9034	30248.81	0 26N	33 14E	85.2	186.4	3.439	0.00	61.2	S0409	.05410	8.4604	0.6	F
9035	30251.61	0 25N	33 13E	84.1	186.4	3.439	-0.35	61.2	S0409	.05410	8.5499	0.8	V
9036	30254.61	0 24N	33 12E	85.2	186.4	3.439	-0.70	61.2	S0409	.05410	8.4273	1.0	A
9037	30249.21	0 17S	31 45E	114.3	186.4	3.090	-44.10	59.7	S0409	.04090	6.2398	1.0	A
9038	30634.01	25 52S	28 12E	103.6	187.1	3.211	-8.75	58.5	S0409	.05410	6.8770	0.6	F
9039	30637.81	25 54S	28 13E	102.6	187.1	3.211	-8.05	58.5	S0409	.07190	7.0254	0.6	V
9040	30641.41	26 /S	28 15E	102.3	187.1	3.211	-5.25	58.3	S0409	.07190	7.0419	0.6	V
9041	30645.21	26 /S	28 16E	103.7	187.2	3.211	-4.55	58.3	S0409	.05410	6.8440	0.6	A
1638 9001	34361.41	80 50N	58 3E	81.7	223.7	0.417	-3.85	27.9	S0312	.05390	8.8220	0.6	F
9002	34364.41	80 50N	58 2E	80.7	222.8	0.417	-3.85	27.9	S0312	.05390	9.0447	0.6	V
9003	34696.01	59 29N	24 41E	79.7	192.7	1.687	-20.30	48.7	S0312	.04150	9.0611	0.6	F
9004	34699.01	59 28N	24 41E	78.6	192.6	1.687	-19.95	48.7	S0312	.04150	9.3167	0.4	V
9005	34704.21	59 26N	24 25E	81.4	192.5	1.687	-23.80	48.8	S0312	.04150	8.9210	0.6	A
9006	34842.41	48 24N	20 1E	85.4	189.6	2.033	-32.90	57.9	S0312	.03150	8.5747	0.6	V
9007	34845.41	48 24N	20 1E	86.1	189.6	2.033	-32.55	57.9	S0312	.03150	8.4510	0.6	A
9001	34361.41	80 50N	58 3E	81.9	223.7	0.417	-3.85	27.9	S0409	.09670	8.8231	0.6	F
9002	34364.41	80 50N	58 0E	80.7	222.8	0.417	-3.85	27.9	S0409	.09670	9.0457	0.6	V
9003	34545.81	69 59N	32 10E	77.8	193.6	1.113	-9.80	39.4	S0409	.09670	9.4003	0.4	V
9004	34548.61	69 59N	32 11E	78.5	193.4	1.113	-9.45	39.4	S0409	.09670	9.2169	0.4	A
9005	34560.41	68 10N	33 29E	90.0	197.8	1.475	28.70	40.9	S0409	.05410	8.8515	0.6	F
9006	34563.61	68 10N	33 29E	89.2	197.6	1.475	29.05	40.9	S0409	.05410	8.1964	0.6	V
9007	34578.61	67 10N	32 21E	86.7	196.9	1.332	26.60	41.8	S0409	.07190	8.4520	0.6	V
9008	34581.81	67 10N	32 21E	87.9	196.7	1.332	26.95	41.9	S0409	.07190	8.2294	0.6	A
9009	34696.01	59 28N	24 41E	79.7	192.7	1.687	-20.30	48.7	S0409	.07190	9.0422	0.6	F
9010	34699.81	59 27N	24 41E	78.6	192.6	1.687	-19.95	48.7	S0409	.07190	9.3178	0.6	V
9011	34710.81	58 27N	24 30E	77.1	193.3	1.810	-14.00	49.6	S0409	.07190	9.3673	0.6	F
9012	34716.41	58 27N	24 29E	76.8	192.2	1.810	-13.65	49.6	S0409	.07190	9.4366	0.6	A
9013	34731.81	56 50N	24 12E	75.2	191.9	2.033	-5.60	51.0	S0409	.07190	9.6147	0.4	F
9014	34734.41	56 50N	24 12E	74.3	191.8	2.033	-5.25	51.0	S0409	.07190	9.8621	0.4	V
9015	34740.61	56 39N	23 18E	79.6	191.7	1.810	-23.10	51.1	S0409	.07190	9.1941	0.6	V
9016	34743.61	56 39N	23 18E	80.2	191.6	1.810	-22.75	51.1	S0409	.07190	9.0292	0.6	A
9017	34749.41	55 48N	23 38E	75.2	191.5	2.033	-7.35	52.0	S0409	.07190	9.6147	1.0	F
9018	34754.81	55 46N	23 39E	75.0	191.4	2.033	-6.65	52.0	S0409	.07190	9.6724	1.0	A
9019	34766.21	54 48N	23 57E	76.2	191.2	2.033	12.25	53.1	S0409	.07190	9.6147	0.4	V
9020	34769.01	54 48N	23 57E	77.2	191.1	2.033	12.60	53.1	S0409	.07190	9.3756	0.4	A
9021	34817.81	51 10N	22 36E	76.2	190.3	2.170	13.30	56.1	S0409	.07190	9.6512	0.6	V
9022	34820.61	51 10N	22 37E	77.0	190.2	2.170	13.30	56.1	S0409	.07190	9.4003	0.6	A
9023	34875.01	47 26N	20 46E	73.1	189.5	2.385	-4.20	59.0	S0409	.07190	10.0276	0.4	V
9024	34877.61	47 26N	20 46E	73.9	189.5	2.385	-3.85	59.0	S0409	.07190	9.8043	0.6	A
9025	35110.41	31 5N	16 40E	74.7	187.5	3.090	-5.25	59.4	S0409	.07190	9.6889	0.6	F
9026	35115.81	31 5N	16 39E	74.7	187.5	3.090	-4.55	59.4	S0409	.07190	9.6972	0.6	A
9027	35504.61	3 55N	11 32E	83.9	186.4	3.574	-4.40	63.6	S0409	.05410	8.5859	0.6	F
9028	35507.61	3 55N	11 31E	83.0	186.4	3.574	-4.05	63.6	S0409	.05410	8.7318	0.6	V
9029	35511.21	3 54N	11 32E	83.6	186.4	3.574	-3.65	63.6	S0409	.05410	8.6004	1.0	A
9030	35525.81	2 54N	11 12E	85.4	186.4	3.574	-13.65	62.7	S0409	.05410	8.4190	1.0	A
9031	35533.41	2 5N	11 30E	84.1	186.4	3.439	-3.85	62.5	S0409	.05410	8.6582	1.0	V
9032	35544.21	1 54N	11 35E	87.7	186.4	3.211	11.55	62.3	S0409	.05410	8.1434	1.0	A
9033	35551.81	0 49N	11 34E	88.6	186.4	3.090	15.05	61.8	S0409	.05410	8.2046	1.0	V
1639 9001	40217.01	44 53N	1 7W	85.4	189.1	2.385	27.30	61.6	S0409	.05410	8.5097	0.4	F
9002	40220.01	44 53N	1 6W	84.9	189.0	2.170	28.00	61.6	S0409	.05410	8.6582	0.6	V
9003	40223.21	44 53N	1 6W	86.1	189.0	2.170	28.35	61.6	S0409	.05410	8.4025	0.4	A
9004	40248.61	43 54N	2 38W	73.5	188.7	2.511	-4.20	62.4	S0409	.04090	8.4558	1.2	A
1640 9001	45215.00	65 10N	13 58W	82.1	195.8	1.647	19.25	43.6	S0312	.04150	8.8240	0.6	F
9001	45634.40	37 40N	25 40W	74.6	188.1	2.733	9.10	66.1	S0409	.07190	9.8208	0.6	V
9002	45637.20	37 40N	25 40W	75.6	188.1	2.733	9.45	66.1	S0409	.07190	9.5652	0.6	A
9003	46257.20	5 54S	35 16W	105.2	186.5	3.090	-37.10	55.5	S0409	.05410	8.6151	0.6	F
9004	46261.00	5 55S	35 16W	106.7	186.5	3.090	-36.75	55.5	S0409	.05410	8.8111	0.6	V
9005	46245.00	5 54S	35 16W	107.3	186.5	3.439	-36.40	55.5	S0409	.05410	8.7203	0.6	A
9006	46277.80	7 0S	34 57W	93.3	186.5	3.439	-20.65	54.9	S0409	.05410	7.7941	1.0	V
9007	46282.60	7 0S	35 0W	97.1	186.5	3.439	-24.85	54.3	S0409	.05410	7.3300	1.0	F
9008	46291.00	8 2S	34 53W	90.7	186.5	3.439	-12.60	54.3	S0409	.05410	7.9985	0.6	V
9009	46294.40	8 2S	34 54W	92.0	186.5	3.439	-12.60	54.2	S0409	.05410	7.7923	2.0	A
1641 5001	51840.20	24 50S	53 15W	134.6	187.1	1.810	37.45	40.5	S0312	.02260	5.2502	1.4	A
5002	51849.80	25 0S	58 30W	132.9	187.1	2.170	36.05	39.3	S0312	.02260	5.4004	1.0	F
5003	51953.40	32 41S	63 3W	137.9	187.6	2.872	-40.95	32.1	S0312	.03150	5.2272	1.0	V
5004	51956.20	32 40S	63 12W	141.1	187.6	2.872	-42.35	31.8	S0312	.03150	5.1118	0.6	V
5005	51961.40	32 40S	63 12W	142.2	187.6	3.090	-42.00	31.8	S0312	.03150	5.0128	0.6	A
5006	51969.00	33 19S	63 17W	137.8	187.7	2.872	-40.25	31.0	S0312	.03150	5.2025	1.0	V
9001	51425.60	3 42N	54 2W	93.5	186.4	2.733	23.45	64.1	S0409	.05410	7.6465	1.2	A
9002	51720.20	16 20S	57 41W	103.2	186.7	2.872	17.50	47.0	S0409	.05410	6.9677	1.0	F
9003	51752.80	18 29S	57 40W	113.6	186.8	2.385	28.35	45.4	S0409	.05410	6.3375	1.0	V
9004	51780.40	21 1S	58 56W	99.9	186.9	3.211	1.40	43.1	S0409	.05410	7.1656	1.0	F
9005	51788.20	21 4S	58 44W	102.5	186.9	3.090	9.10	43.2	S0409	.05410	6.9265	0.6	A
9006	51806.80	22 0S	58 14W	121.6	186.9	2.385	30.80	41.9	S0409	.05410	5.8997	1.0	F
9007	51812.20	23 24S	58 13W	124.6	187.0	2.385	32.55	41.6	S0409	.05410	5.7596	1.0	F
9008	51816.40	23 30S	58 21W	122.2	187.0	2.385	30.40	41.3	S0409	.05410	5.8526	1.0	F

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1641 9009	51821.20	23 36S	58 28W	118.3	187.0	2.385	28.70	41.2	S0409	.05410	6.0936	0.8	V
9010	51827.40	24 1S	58 48W	114.0	187.0	2.733	23.10	40.5	S0409	.05410	6.2833	1.2	F
9011	51835.20	24 16S	58 18W	130.1	187.0	1.810	35.35	40.7	S0409	.05410	5.4340	1.0	A
9012	51856.60	26 17S	59 20W	111.9	187.1	2.733	18.90	38.6	S0409	.05410	6.3905	1.0	F
9013	51873.00	27 10S	60 42W	107.0	187.2	3.211	-15.05	37.2	S0409	.05410	6.6626	1.0	F
9014	51877.60	27 34S	60 43W	106.6	187.2	3.211	-13.30	36.9	S0409	.05410	6.6874	0.6	F
9015	51883.40	28 0S	60 24W	105.2	187.2	3.211	-1.75	36.7	S0409	.05410	6.7781	1.0	F
9016	51888.60	28 0S	60 22W	104.5	187.3	3.211	0.00	36.6	S0409	.07190	6.8935	1.0	V
9017	51893.00	28 7S	60 28W	105.9	187.3	3.211	-2.10	36.6	S0409	.05410	6.6956	0.8	A
9018	51898.80	28 26S	60 15W	107.7	187.3	2.872	6.65	36.3	S0409	.05410	6.5719	0.8	A
9019	51912.20	29 26S	61 35W	113.9	187.4	3.211	-23.10	34.6	S0409	.05410	6.2421	1.0	F
9020	51918.60	30 2S	61 33W	111.4	187.4	3.211	-21.00	34.5	S0409	.05410	6.4565	1.0	V
9021	51923.80	30 23S	62 1W	119.9	187.4	3.211	-29.05	33.8	S0409	.05410	5.9205	1.0	F
9022	51936.00	31 0S	60 42W	111.4	187.5	2.733	10.85	33.5	S0409	.05410	6.4988	0.6	F
9023	51940.00	31 7S	60 42W	110.6	187.5	2.733	11.20	33.5	S0409	.05410	6.4977	0.8	V
9024	51979.40	34 26S	62 31W	115.8	187.8	3.090	-20.30	30.4	S0409	.05410	6.1266	1.0	F
9025	51984.20	34 34S	62 26W	113.9	187.8	3.090	-16.45	30.2	S0409	.05410	6.2256	1.0	F
9026	51988.80	34 47S	62 32W	113.8	187.8	3.090	-18.20	30.1	S0409	.07190	6.3080	1.6	V
9027	51994.60	34 55S	62 24W	113.5	187.9	3.090	-13.65	30.1	S0409	.05410	6.2421	1.0	A
9028	51997.80	35 0S	62 26W	113.6	187.9	3.090	-13.65	29.9	S0409	.05410	6.2334	1.0	A
9029	52001.20	35 22S	62 25W	113.1	187.9	3.090	-11.55	29.7	S0409	.07190	6.2586	2.2	A
9030	52004.80	35 30S	62 26W	113.3	187.9	3.090	-11.55	29.5	S0409	.07190	6.2503	1.0	A
9031	52008.80	35 55S	62 16W	112.4	187.9	2.872	-4.55	29.3	S0409	.07190	6.2916	0.8	A
9032	52013.80	36 14S	62 27W	112.9	188.0	2.872	-7.00	28.9	S0409	.07190	6.2586	1.0	A
9033	52019.00	36 31S	62 43W	112.5	188.0	2.872	-10.50	28.3	S0409	.07190	6.3748	1.0	V
9034	52021.40	37 1S	62 46W	112.6	188.0	2.872	-10.50	28.2	S0409	.07190	6.3658	0.6	V
9035	52027.20	37 7S	62 46W	114.1	188.1	2.872	-9.45	28.1	S0409	.07190	6.1726	1.6	A
9036	52032.80	38 0S	62 43W	113.5	188.1	2.872	-3.50	27.2	S0409	.07190	6.2503	1.0	F
9037	52040.60	38 42S	62 9W	118.8	188.2	2.511	15.30	26.9	S0409	.07190	5.9365	0.8	F
9038	52044.60	38 48S	62 15W	116.5	188.2	2.511	11.20	26.9	S0409	.07190	6.1514	1.4	V
9039	52049.40	38 42S	62 16W	118.4	188.2	2.511	11.55	26.9	S0409	.07190	5.9535	1.0	A
9040	52102.60	42 11S	63 56W	117.9	188.7	2.733	-6.30	23.3	S0409	.07190	5.9762	1.0	A
9041	52177.00	47 42S	65 55W	124.1	189.5	2.511	-13.65	18.0	S0409	.07190	5.6896	1.0	F
9042	52186.60	48 10S	66 23W	127.2	189.6	2.385	-18.20	17.3	S0409	.07190	5.5494	1.0	F
9043	52193.40	48 24S	66 48W	130.7	189.7	2.511	-24.15	17.1	S0409	.07190	5.4587	1.0	V
9044	52197.60	48 21S	66 48W	132.7	189.7	2.733	-24.50	17.1	S0409	.07190	5.3103	1.0	A
9045	52262.20	53 19S	68 13W	131.9	190.7	2.170	-17.50	12.5	S0409	.05410	5.3680	0.6	F
9046	52272.20	53 44S	67 44W	125.9	190.9	2.170	-7.00	12.3	S0409	.05410	5.6484	1.6	V
9047	52277.20	53 43S	67 42W	127.5	191.0	2.170	-5.95	12.3	S0409	.09670	5.4999	0.8	A
9048	52283.20	54 1S	68 49W	135.1	191.1	2.385	-21.35	11.7	S0409	.05410	5.2051	1.2	A
1642 9001	56457.00	22 24N	73 0W	80.4	186.9	2.872	15.05	71.6	S0409	.05410	6.9715	0.8	A
9002	56475.60	20 51N	74 54W	101.3	186.9	2.511	-43.05	70.0	S0409	.04090	7.0502	1.2	F
9003	56479.20	20 51N	74 55W	100.4	186.9	2.733	-43.05	70.0	S0409	.05410	7.2974	1.2	V
9004	56486.00	20 8N	75 7W	105.0	186.8	2.511	-44.80	69.9	S0409	.04090	6.8358	4.2	F
9005	56486.00	20 2N	75 7W	103.7	186.8	2.733	-44.10	69.9	S0409	.04090	7.0172	2.4	A
9006	56788.40	0 11S	78 30W	104.5	186.4	3.211	-38.85	60.0	S0409	.05410	6.9016	0.6	A
9007	56823.20	2 40S	76 27W	126.2	186.4	1.810	43.75	59.7	S0409	.04090	5.6401	0.6	A
9008	56843.60	4 23S	77 34W	93.5	186.4	3.090	17.85	57.8	S0409	.05410	7.7475	0.6	V
9009	56847.00	4 23S	77 34W	95.1	186.4	2.872	18.55	57.8	S0409	.05410	7.5202	0.6	A
9010	56865.60	5 37S	76 36W	89.6	186.4	3.574	-10.15	56.3	S0409	.05410	8.0067	0.6	A
9011	56883.40	7 0S	78 29W	88.3	186.5	3.439	3.85	55.3	S0409	.04090	8.2294	1.0	V
9012	56887.40	7 9S	78 28W	91.3	186.5	3.439	5.25	55.3	S0409	.04090	7.8336	0.6	A
1643 9001	61852.39	15 53N	97 3W	79.5	186.7	3.439	-16.10	69.8	S0409	.05410	9.2024	0.6	V
9002	61855.39	15 53N	97 3W	80.3	186.7	3.439	-15.40	69.8	S0409	.05410	9.0045	0.6	A
1646 5001	76127.79	51 19N	13 19E	98.6	349.7	-2.028	14.70	-14.6	S0312	.29710	7.3462	0.6	V
5002	76133.59	51 30N	13 34E	97.6	349.6	-2.167	7.70	-14.5	S0312	.29710	7.3544	0.6	A
5003	76139.79	52 10N	14 9E	97.9	349.5	-2.167	-9.80	-14.0	S0312	.29710	7.3374	0.6	V
5004	76143.59	52 40N	14 1E	99.2	349.5	-2.167	-10.50	-13.6	S0312	.29710	7.2060	0.4	F
5005	76148.59	53 2N	13 21E	96.6	349.4	-2.167	1.05	-13.1	S0312	.29710	7.3957	0.4	F
5006	76150.59	53 10N	13 18E	96.5	349.4	-2.167	1.05	-13.0	S0312	.29710	7.4039	0.4	F
5007	76156.59	53 4N	13 11E	96.5	349.5	-2.028	3.50	-13.0	S0312	.29710	7.4369	0.6	A
1648 5001	1348.18	59 0N	163 50E	77.2	192.5	1.687	-11.90	49.0	S0312	.05390	9.3662	0.6	F
5002	1350.98	59 0N	163 49E	76.3	192.5	1.687	-11.90	49.0	S0312	.05390	9.4053	0.4	V
5003	1354.78	58 54N	163 33E	77.4	192.4	1.687	-13.30	49.4	S0312	.05390	9.3362	0.4	F
5004	1357.58	58 54N	163 34E	76.4	192.5	1.687	-12.95	49.4	S0312	.05390	9.5306	0.4	V
9001	1357.58	58 53N	163 33E	76.4	192.5	1.687	-12.95	49.4	S0409	.09670	9.5817	0.4	V
9002	1360.18	58 54N	163 34E	77.2	192.3	1.687	-12.60	49.4	S0409	.09670	9.4003	0.4	A
9003	1372.38	57 29N	162 21E	84.5	192.0	1.475	-28.00	50.3	S0409	.05410	8.5180	0.6	F
9004	1376.38	57 29N	162 21E	83.2	191.9	1.475	-27.65	50.3	S0409	.05410	8.7901	0.6	V
9005	1387.98	56 17N	162 45E	76.0	191.6	1.310	-9.75	51.4	S0409	.05410	9.5157	0.6	F
9006	1393.38	56 16N	162 44E	75.8	191.5	2.033	-8.75	51.4	S0409	.05410	9.5552	0.6	A
9007	2345.18	9 27S	147 9E	115.2	186.5	2.872	-39.55	52.6	S0409	.05410	8.1926	0.6	F
9008	2349.58	9 25S	147 13E	111.2	186.5	3.090	-37.80	52.7	S0409	.05410	8.5307	1.0	V
1649 9001	6745.78	53 9N	140 44E	84.1	190.7	2.033	25.90	54.4	S0409	.07190	8.7159	0.4	V
9002	6748.78	53 9N	140 45E	85.3	190.7	2.033	26.25	54.4	S0409	.07190	8.4767	0.6	A
9003	6787.38	50 21N	137 31E	85.9	190.1	1.810	-31.50	56.2	S0409	.05410	8.3360	1.2	F
9004	6793.58	50 21N	137 31E	95.3	190.0	2.033	-31.15	56.2	S0409	.05410	8.5180	1.2	A

Handle via
BYEMAN Channels
BYE-8915/84

Approved for Release: 2021/01/22 C05132886

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1649 9005	6870.78	44 47N	136 27E	75.6	189.0	2.385	-17.15	60.7	S0409	.05410	9.6372	0.4	V
9006	6873.58	44 47N	135 26E	76.3	189.0	2.385	-16.80	60.8	S0409	.05410	9.5157	0.4	A
9007	7005.78	35 40N	133 57E	79.0	187.9	2.733	-23.45	66.9	S0409	.05410	9.1447	0.6	F
9008	7008.58	35 40N	133 56E	77.8	187.9	2.733	-23.10	66.9	S0409	.05410	9.4168	0.6	V
9009	7533.18	0 57S	127 29E	87.2	186.4	3.574	-11.90	60.3	S0409	.05410	8.2434	0.6	A
9010	7649.78	9 54S	126 23E	90.5	186.3	3.439	0.35	53.9	S0409	.05410	8.0150	0.8	V
9011	7661.38	9 17S	126 17E	106.6	186.3	3.574	-33.60	52.9	S0409	.05410	8.7355	0.4	A
1650 5001	11779.37	71 40N	128 55E	81.0	200.8	0.986	-12.60	37.2	S0312	.05390	8.9045	0.6	F
5002	11785.17	71 40N	128 55E	80.8	200.4	0.986	-12.25	37.2	S0312	.05390	8.9705	0.6	A
5003	12044.37	52 10N	116 4E	79.5	190.3	2.033	-22.75	55.6	S0312	.05150	9.0741	0.4	F
5004	12047.17	51 10N	116 3E	78.6	190.2	2.033	-22.75	55.6	S0312	.05150	9.3332	1.4	V
5005	12049.17	51 7N	116 1E	78.9	190.2	2.033	-22.75	55.7	S0312	.05150	9.3415	1.0	V
5006	12111.37	49 50N	117 27E	88.2	189.9	2.033	-36.45	57.5	S0312	.05150	8.2057	0.6	A
5007	12265.17	39 50	112 41E	77.0	188.5	2.511	-22.75	64.7	S0312	.05150	9.5146	0.4	V
5008	12269.97	39 42N	112 34E	78.4	188.2	2.511	-22.75	65.0	S0312	.05150	9.2815	0.6	F
5009	12272.77	39 34N	112 33E	77.5	188.2	2.733	-22.75	65.0	S0312	.05150	9.4652	0.6	V
5010	12282.17	37 42N	112 24E	78.0	188.1	2.733	-22.05	65.5	S0312	.05150	9.2546	0.6	F
5011	12284.97	37 41N	112 24E	77.0	188.1	2.733	-21.70	65.5	S0312	.05150	9.5145	0.6	V
5012	12299.37	36 52N	111 41E	87.7	188.0	2.511	-35.00	66.0	S0312	.05150	8.2466	0.4	F
5013	12315.57	35 40N	112 58E	76.0	187.9	2.733	17.85	67.5	S0312	.05150	9.3992	0.4	V
5014	12319.37	35 28N	112 59E	79.4	187.9	2.733	18.55	67.5	S0312	.05150	9.1169	0.6	A
5015	12565.57	19 10N	109 42E	89.4	186.3	2.872	27.65	71.5	S0312	.05150	8.1472	0.4	V
5016	12568.77	19 10N	109 42E	91.0	186.7	2.872	28.00	71.5	S0312	.02260	7.9316	0.4	A
9001	11779.37	71 40N	128 55E	81.1	200.8	0.986	-12.60	37.3	S0409	.09670	8.9055	0.6	F
9002	11785.17	71 40N	128 55E	80.8	200.4	0.986	-12.25	37.3	S0409	.09670	8.9715	0.6	A
9003	12070.17	52 10N	117 44E	76.3	190.3	2.033	13.30	55.8	S0409	.07190	9.5417	0.4	V
9004	12072.77	52 17N	117 44E	77.5	190.3	2.033	13.65	55.8	S0409	.07190	9.3425	0.6	A
9005	12093.77	50 47N	116 5E	76.2	190.1	2.033	-17.50	56.0	S0409	.07190	9.4229	0.4	V
9006	12096.37	50 40N	116 6E	76.9	190.1	2.033	-17.15	56.0	S0409	.07190	9.4415	0.6	A
9007	12097.57	50 36N	116 5E	76.8	190.1	2.033	-17.15	56.1	S0409	.07190	9.4415	0.4	A
9008	12099.57	50 30N	116 3E	76.8	190.1	2.033	-17.15	56.1	S0409	.07190	9.4499	2.0	A
9009	12132.97	48 10N	114 30E	85.8	189.9	2.033	-33.25	57.4	S0409	.05410	8.5510	0.6	V
9010	12135.97	48 10N	114 30E	86.4	189.9	2.033	-32.90	57.9	S0409	.05410	8.4196	0.6	A
9011	12233.77	40 50N	114 46E	86.9	188.3	2.385	24.40	64.2	S0409	.04690	8.3613	0.6	F
9012	12237.97	40 40N	114 46E	87.0	188.3	2.385	25.00	64.3	S0409	.04690	8.3581	0.4	F
9013	12239.17	40 41N	114 45E	86.1	188.3	2.385	22.05	64.2	S0409	.05410	9.1529	0.4	V
9014	12242.17	40 41N	114 22E	80.5	188.4	2.385	21.35	64.2	S0409	.05410	8.9715	0.4	A
9015	12251.77	39 40N	113 9E	74.7	188.4	2.733	-12.25	64.4	S0409	.05410	9.6389	1.0	F
9016	12257.17	39 40N	113 9E	74.5	188.3	2.733	-12.25	64.4	S0409	.05410	9.7384	0.8	A
9017	12278.77	37 50N	112 29E	77.5	188.1	2.733	-20.65	65.4	S0409	.07190	9.3261	0.6	F
9018	12279.37	37 50N	112 29E	76.9	188.1	2.733	-21.35	65.7	S0409	.05410	9.5522	0.4	V
9019	12284.57	37 10N	112 3E	82.1	188.0	2.733	-24.70	65.7	S0409	.05410	8.6475	0.4	A
9020	12302.77	36 17N	111 41E	86.5	188.0	2.511	-33.60	66.1	S0409	.04690	8.3118	0.6	F
9021	12324.97	34 41N	112 28E	74.3	187.5	3.090	0.55	67.6	S0409	.05410	9.7549	0.8	F
9022	12330.37	34 41N	112 28E	74.4	187.8	2.872	1.75	67.7	S0409	.05410	9.7384	0.8	A
9023	12334.17	34 14N	112 12E	73.4	187.5	2.872	0.00	67.9	S0409	.07190	9.8838	0.4	V
9024	12336.77	34 10N	112 12E	74.3	187.7	3.090	0.00	67.9	S0409	.07190	9.7466	0.6	A
9025	12340.77	33 47N	112 10E	73.3	187.7	3.090	2.45	68.2	S0409	.07190	10.0023	0.4	V
9026	12377.17	31 4N	111 41E	75.6	187.5	3.090	6.30	69.5	S0409	.07190	9.5017	0.6	F
9027	12379.97	31 4N	111 41E	74.9	187.5	3.090	6.65	69.5	S0409	.07190	9.7879	0.6	V
9028	12385.57	30 42N	111 27E	74.8	187.5	3.090	8.70	69.5	S0409	.05410	9.9033	1.0	V
9029	12393.37	29 57N	111 45E	75.3	187.4	3.090	-10.55	69.6	S0409	.07190	9.4745	0.4	F
9030	12402.17	29 50N	110 45E	75.3	187.4	3.090	-10.20	69.6	S0409	.07190	9.7544	0.4	V
9031	12412.97	29 57N	111 30E	83.1	187.5	2.872	22.40	70.4	S0409	.04690	8.8829	0.4	A
9032	12427.17	27 47N	111 16E	79.0	187.3	2.872	17.15	70.8	S0409	.05410	9.2564	0.4	V
9033	12429.97	27 47N	111 16E	80.4	187.2	2.872	17.85	70.9	S0409	.05410	9.0797	0.4	A
9034	12442.97	25 40N	109 28E	86.5	187.1	2.872	-32.90	70.2	S0409	.05410	7.9434	0.6	U
9035	12445.97	25 40N	109 28E	87.4	187.1	3.090	-32.90	70.2	S0409	.05410	8.3118	1.0	A
9036	12478.97	24 40N	109 28E	81.7	187.0	3.090	-28.25	70.5	S0409	.07190	9.9350	0.6	V
9037	12481.97	24 40N	109 28E	82.5	187.0	3.090	-28.90	70.6	S0409	.07190	9.7963	0.6	A
9038	12515.97	21 40N	110 13E	86.5	186.9	3.090	24.15	71.8	S0409	.05410	8.4065	0.6	F
9039	12518.97	21 40N	110 13E	85.6	186.9	2.872	24.50	71.8	S0409	.04690	8.5592	1.0	V
9040	12522.17	21 40N	110 13E	86.9	186.9	2.872	24.85	71.8	S0409	.04690	8.2371	0.6	A
9041	12524.77	21 10N	110 11E	87.0	186.9	2.872	24.85	71.8	S0409	.05410	8.2371	0.4	A
9042	12544.17	19 30N	109 29E	79.3	186.8	3.090	18.50	71.3	S0409	.05410	9.1464	0.8	F
9043	12553.77	18 54N	109 32E	82.2	186.8	3.090	17.15	71.3	S0409	.05410	8.8313	0.6	F
9044	12560.37	18 47N	109 25E	82.0	186.8	3.090	15.75	71.2	S0409	.05410	8.8478	0.6	F
9045	12593.97	15 10N	108 13E	80.3	186.7	3.439	-15.45	69.9	S0409	.05410	8.9797	2.8	F
9046	12600.17	14 9N	108 13E	80.1	186.7	3.439	-15.40	69.9	S0409	.05410	9.0240	5.0	A
9047	12668.17	11 0N	106 51E	92.6	186.5	3.211	-32.90	67.4	S0409	.05410	7.7428	4.6	F
9048	12676.17	11 4N	106 44E	95.0	186.5	3.211	-35.00	67.3	S0409	.05410	7.6327	7.4	A
9049	12905.37	5 44S	103 15E	93.4	186.4	3.211	14.35	57.0	S0409	.05410	7.7264	6.8	F
9050	12909.77	5 44S	103 14E	92.7	186.4	3.211	14.70	57.0	S0409	.05410	7.8418	0.6	U
9051	12916.37	5 59S	103 3E	122.0	186.5	2.170	40.60	57.1	S0409	.04690	5.9217	0.6	U
9052	12932.17	6 0S	103 10E	150.2	186.5	1.810	48.75	57.1	S0409	.04690	5.4870	1.0	A
1651 9001	17320.57	56 16N	95 40E	82.0	191.6	1.687	-24.85	51.3	S0409	.07190	8.7353	0.4	F
9002	17326.37	56 17N	95 39E	81.6	191.5	1.687	-24.50	51.3	S0409	.07190	8.8490	0.4	A
9003	17738.57	27 50N	89 9E	77.7	187.2	2.733	17.85	70.8	S0409	.05410	9.2849	0.6	A
9004	17827.17	21 49N	87 1E	79.6	186.9	3.090	-18.55	70.8	S0409	.05410	9.0322	1.0	F
9005	17832.97	21 40N	87 1E	79.3	186.9	3.439	-17.85	70.8	S0409	.05410	9.1364	1.0	A
9006	18695.37	37 50S	77 34E	129.1	188.1	2.170	25.90	24.1	S0409	.05410	5.5494	0.6	V
9007	18700.37	37 51S	77 34E	151.5	188.1	1.810	26.60	24.1	S0409	.05410	5.3403	0.4	A
1652 5001	22688.97	52 48N	72 2E	81.6	190.5	1.810	-26.95	54.5	S0312	.04150	8.9705	0.6	V

Handle via
BYEMAN Channels
BYE-8915/84

Approved for Release: 2021/01/22 C05132886

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1652 5002	22691.97	52 24N	72 2E	82.4	190.5	2.033	-25.95	54.5	S0312	.03150	8.5303	0.6	A
5003	22845.97	41 29N	69 12E	76.4	188.6	2.511	-17.50	63.1	S0312	.03150	9.4559	0.6	F
5004	22849.77	41 29N	69 12E	75.4	188.6	2.511	-17.15	63.1	S0312	.03150	9.7125	0.4	V
9001	22439.37	69 15N	81 30E	82.0	198.2	0.986	-20.30	39.5	S0409	.07190	8.9138	0.8	U
9002	22442.37	69 15N	81 30E	82.9	198.0	0.986	-20.30	39.5	S0409	.07190	8.7524	0.6	A
9003	22540.37	62 20N	78 12E	77.6	193.9	1.687	11.20	46.1	S0409	.07190	9.4415	0.6	V
9004	22648.57	54 50N	73 26E	77.4	191.2	1.810	-15.75	52.5	S0409	.07190	9.3261	0.4	F
9005	22651.17	54 49N	73 26E	76.3	191.2	1.810	-15.40	52.5	S0409	.07190	9.5900	1.2	V
9006	22654.57	54 47N	73 24E	77.2	191.1	2.033	-15.75	52.5	S0409	.07190	9.3920	0.6	A
9007	22721.37	49 50N	72 48E	78.9	190.0	2.385	17.15	57.1	S0409	.05410	9.1941	0.6	F
9008	22724.37	49 52N	72 48E	78.2	190.0	2.170	17.85	57.1	S0409	.05410	9.3920	0.6	V
9009	22727.17	49 52N	72 48E	79.2	189.9	2.170	18.20	57.1	S0409	.05410	9.1447	0.5	A
9010	22773.77	46 15N	71 59E	85.2	189.3	2.385	26.95	60.1	S0409	.05410	8.5262	0.4	F
9011	22776.77	46 15N	71 59E	84.6	189.3	2.170	27.65	60.1	S0409	.05410	8.6829	0.4	V
9012	22779.77	46 15N	71 59E	85.8	189.3	2.170	28.00	60.1	S0409	.04090	6.4273	0.4	A
9013	22832.97	43 10N	70 29E	75.3	188.8	2.511	10.85	62.3	S0409	.07190	9.7384	0.4	U
9014	22835.57	42 24N	69 30E	75.9	188.7	2.511	-15.75	62.5	S0409	.05410	9.5157	1.0	F
9015	22838.17	42 20N	69 29E	75.6	188.7	2.511	-15.05	62.5	S0409	.05410	9.5900	0.8	A
9016	22844.77	41 29N	69 12E	75.4	188.6	2.511	-17.15	63.1	S0409	.07190	9.7136	0.4	V
9017	22851.37	41 29N	69 12E	76.2	188.5	2.733	-17.15	63.1	S0409	.07190	9.5240	0.6	A
9018	22865.17	40 16N	69 42E	75.0	188.4	2.733	10.50	64.3	S0409	.05410	9.7714	0.6	V
9019	22867.97	40 16N	69 42E	76.0	188.4	2.733	10.85	64.3	S0409	.05410	9.5157	0.4	A
9020	22893.77	38 18N	69 14E	74.4	188.2	2.733	11.55	65.6	S0409	.07190	9.8558	0.4	V
9021	22896.57	38 18N	69 13E	75.4	188.2	2.733	11.90	65.7	S0409	.07190	9.5982	0.4	A
9022	22914.17	36 42N	68 56E	77.4	188.0	2.872	14.00	66.7	S0409	.05410	9.3858	1.0	F
9023	22919.77	36 42N	68 55E	77.6	188.0	2.733	14.70	66.7	S0409	.05410	9.3096	0.8	A
9024	22942.37	34 51N	67 50E	73.6	187.8	2.872	-10.50	67.4	S0409	.07190	9.6291	1.0	F
9025	22947.57	34 51N	67 50E	73.5	187.8	3.090	-9.80	67.4	S0409	.07190	9.8703	1.0	A
9026	22958.97	33 55N	68 26E	81.1	187.7	2.872	22.05	68.6	S0409	.05410	8.9797	1.2	F
9027	22964.77	33 55N	68 26E	81.4	187.7	2.733	22.75	68.6	S0409	.04090	8.8643	1.2	A
1653 5001	27941.37	53 22N	50 13E	83.0	190.8	1.687	-27.30	55.7	S0312	.03150	8.6901	0.6	F
5002	27944.37	53 22N	50 13E	82.0	190.7	1.687	-27.30	55.7	S0312	.03150	8.9210	0.6	V
5003	28012.57	51 14N	51 23E	81.5	190.3	2.170	22.75	56.0	S0312	.03150	9.0054	0.6	V
5004	28015.57	51 14N	51 23E	82.7	190.2	2.170	23.10	56.0	S0312	.03150	8.7726	0.6	A
5005	28041.97	47 50N	48 9E	88.7	189.5	1.810	-34.65	58.1	S0312	.03150	8.1150	0.8	F
5006	28065.17	47 50N	48 9E	87.3	189.5	1.810	-34.30	58.1	S0312	.03150	8.3768	0.8	V
5007	28076.57	46 51N	47 20E	79.5	189.4	2.170	-23.10	59.0	S0312	.03150	9.0776	0.8	F
5008	28082.37	46 51N	47 20E	79.2	189.3	2.385	-22.75	59.1	S0312	.03150	9.1766	0.8	A
5009	28089.57	46 11N	47 56E	81.8	189.2	2.170	-23.35	59.5	S0312	.04150	8.9375	0.6	V
5010	28092.57	46 11N	47 56E	82.5	189.2	2.170	-23.00	59.5	S0312	.04150	8.8056	0.6	A
5011	28118.57	43 50N	47 38E	78.0	188.9	2.385	-20.65	61.3	S0312	.04150	9.2504	0.6	F
5012	28121.37	43 50N	47 38E	77.0	188.9	2.385	-20.30	61.3	S0312	.04150	9.5146	0.6	V
5013	28215.37	37 42N	45 53E	78.6	188.1	2.511	-24.85	65.6	S0312	.03150	9.3085	0.8	V
5014	28535.77	15 19N	42 41E	86.9	186.7	2.872	23.10	70.5	S0312	.03150	9.4180	0.6	V
5015	29172.37	27 59S	32 28E	140.3	187.3	2.733	-43.40	56.0	S0312	.02260	9.1263	1.0	V
5016	29177.76	27 59S	32 27E	141.7	187.3	3.090	-43.40	56.0	S0312	.02260	9.0576	0.8	A
9001	27737.37	69 47N	61 35E	77.7	198.8	1.113	3.50	39.1	S0409	.07190	9.4065	0.6	V
9002	27740.17	69 47N	61 35E	76.6	198.6	1.113	3.50	39.1	S0409	.07190	9.2106	0.8	A
9003	27806.77	65 14N	57 18E	76.2	195.4	1.475	-2.10	43.3	S0409	.07190	9.6084	0.6	V
9004	27809.57	65 14N	57 18E	77.0	195.3	1.475	-1.75	43.3	S0409	.07190	9.4003	0.6	A
9005	27824.37	64 12N	55 17E	83.1	194.7	1.332	-25.20	44.2	S0409	.07190	8.8066	0.8	V
9006	27827.37	64 12N	55 18E	83.8	194.6	1.332	-24.85	44.3	S0409	.07190	8.6499	0.8	A
9007	27901.17	58 50N	52 14E	86.2	192.5	1.332	-29.75	49.0	S0409	.05410	8.3613	0.6	F
9008	27904.37	58 49N	52 13E	85.1	192.4	1.332	-29.75	49.0	S0409	.07190	8.6004	0.6	U
9009	27907.37	58 50N	52 14E	85.8	192.3	1.332	-29.40	49.0	S0409	.07190	8.4603	0.6	A
9010	27916.17	57 52N	53 13E	74.7	192.1	1.810	1.05	50.0	S0409	.07190	9.8126	0.6	V
9011	27918.97	57 52N	53 13E	75.5	192.0	1.810	1.40	50.1	S0409	.07190	9.5300	0.4	A
9012	27927.57	56 52N	53 11E	77.3	191.8	2.033	10.50	51.8	S0409	.07190	9.3673	0.4	F
9013	27930.37	56 52N	53 10E	76.3	191.8	2.033	10.50	51.8	S0409	.07190	9.5982	0.4	V
9014	27941.77	56 16N	51 17E	82.9	191.5	1.687	-27.65	51.2	S0409	.09670	8.8313	0.4	U
9015	27944.77	56 16N	51 17E	83.5	191.5	1.687	-27.30	51.2	S0409	.09670	8.6911	0.6	A
9016	27949.97	53 1N	49 42E	86.9	190.6	1.687	-33.25	53.9	S0409	.07190	8.4190	0.6	V
9017	27993.17	53 1N	49 47E	87.9	190.6	1.687	-33.25	53.9	S0409	.05410	8.2623	0.6	A
9018	28043.77	49 5N	49 32E	74.7	189.8	2.385	-8.05	57.5	S0409	.07190	9.6307	1.0	F
9019	28049.17	49 5N	49 32E	74.5	189.8	2.385	-7.35	57.5	S0409	.07190	9.7219	1.6	A
9020	28061.77	47 50N	48 9E	88.8	189.6	1.810	-34.65	58.1	S0409	.05410	8.1139	1.0	F
9021	28064.97	47 50N	48 9E	87.4	189.5	1.810	-34.30	58.1	S0409	.05410	8.3778	1.0	V
9022	28133.77	42 54N	47 40E	74.8	188.8	2.511	-10.50	62.2	S0409	.09670	9.6559	0.6	F
9023	28139.97	42 54N	47 43E	74.3	188.7	2.733	-7.35	62.3	S0409	.07190	9.7631	0.8	A
9024	28159.57	41 24N	46 23E	88.1	188.5	2.170	-34.05	62.8	S0409	.04090	8.2453	0.8	V
9025	28162.77	41 24N	46 23E	88.7	188.5	2.170	-33.70	62.8	S0409	.03090	8.1716	0.8	A
9026	28168.77	40 40N	46 20E	85.8	188.5	2.170	-33.60	63.3	S0409	.04090	8.5180	0.8	V
9027	28171.77	40 40N	46 20E	86.6	188.4	2.385	-33.60	63.3	S0409	.04090	8.3960	0.8	A
9028	28247.17	35 3N	43 54E	73.6	187.9	2.872	-4.55	67.3	S0409	.07190	9.8373	3.2	F
9029	28254.97	34 56N	43 49E	73.7	187.8	2.872	-4.65	67.4	S0409	.07190	9.8291	2.0	A
9030	28265.57	33 53N	44 36E	92.8	187.7	2.170	-36.50	67.3	S0409	.05410	7.7346	9.2	F
9031	28279.37	33 24N	44 29E	92.2	187.7	2.385	-36.15	67.5	S0409	.05410	7.8748	10.2	A
9032	28449.97	19 20N	42 46E	77.5	186.8	3.439	4.90	70.9	S0409	.05410	9.3426	0.8	F
9033	28495.57	18 20N	42 46E	77.9	186.8	3.211	5.30	71.0	S0409	.05410	9.2584	0.8	A
9034	28736.16	1 46N	40 4E	90.1	186.4	3.090	15.75	62.6	S0409	.05410	7.9408	1.0	A
9035	28763.96	0 26S	39 46E	91.9	186.4	3.211	16.80	60.9	S0409	.05410	7.8583	0.8	F
9036	28768.16	0 26S	39 40E	90.2	186.4	3.211	13.30	61.0	S0409	.05410	7.9525	1.0	A
9037	28795.37	2 26S	40 13E	121.2	186.4	2.385	40.60	59.7	S0409	.04090	5.9700	0.6	F
9038	28799.76	2 26S	40 14E	121.1	186.4	2.170	41.30	59.7	S0409	.04090	6.0112	0.6	V

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1653 9039	28855.77	6 44S	39 13E	109.2	186.3	2.511	32.20	56.3	S0409	.05410	6.6544	0.4	V
9040	28859.76	6 44S	39 15E	112.2	186.3	2.511	33.25	56.3	S0409	.04090	6.3410	0.6	A
9041	28979.16	14 46S	36 32E	96.4	186.6	3.574	-9.80	48.6	S0409	.04090	7.4048	0.8	A
1654 9001	33060.56	68 39N	37 49E	78.1	197.3	1.332	-4.90	40.1	S0312	.04150	9.2509	0.8	F
9002	33066.16	68 39N	37 49E	78.0	197.6	1.332	-4.55	40.1	S0312	.04150	9.2920	1.0	A
9003	33162.56	61 55N	34 11E	81.3	193.7	1.687	19.95	46.5	S0312	.04150	9.0117	0.8	V
9004	33165.56	61 55N	34 10E	82.2	193.6	1.687	19.95	46.5	S0312	.04150	8.9169	0.8	A
9005	33218.36	59 10N	30 20E	79.6	192.2	1.687	-19.95	49.6	S0312	.04150	9.0776	0.6	F
9006	33224.16	58 10N	30 20E	79.3	192.1	1.810	-19.60	49.6	S0312	.04150	9.1518	0.6	A
9007	33455.76	42 1N	26 20E	80.9	188.9	2.511	23.10	63.3	S0312	.03150	9.0774	0.4	V
9008	33458.76	42 0N	26 20E	82.1	180.6	2.511	23.45	63.3	S0312	.03150	8.8303	0.4	A
9009	34127.36	4 16S	15 19E	113.1	186.4	2.872	-40.95	56.8	S0312	.02250	6.3156	0.3	F
9010	34131.56	4 16S	15 19E	111.2	186.4	3.090	-40.60	56.9	S0312	.02260	6.5382	0.3	V
9001	33060.56	68 39N	37 49E	78.2	197.3	1.332	-4.90	40.1	S0409	.07190	9.2519	0.8	F
9002	33066.16	68 39N	37 49E	78.0	197.6	1.332	-4.55	40.1	S0409	.07190	9.2961	0.8	A
9003	33097.96	66 50N	34 37E	84.6	196.1	1.113	-26.25	42.0	S0409	.09670	8.6417	0.8	V
9004	33100.96	66 50N	34 36E	85.2	196.0	1.113	-25.90	42.0	S0409	.09670	8.4932	0.8	A
9005	33110.76	66 52N	33 57E	87.7	195.6	1.113	-29.40	42.6	S0409	.05410	8.2541	0.6	A
9006	33117.36	64 57N	34 16E	79.3	195.3	1.332	-15.05	43.5	S0409	.05410	9.1054	0.8	F
9007	33122.96	64 57N	34 17E	79.0	195.1	1.475	-14.70	43.5	S0409	.05410	9.1694	0.8	A
9008	33187.96	60 17N	30 27E	91.9	193.0	1.113	-35.00	47.6	S0409	.07190	7.8418	7.8	F
9009	33199.16	59 59N	30 15E	92.1	192.7	1.332	-35.70	47.9	S0409	.07190	7.8830	8.4	A
9010	33218.36	59 10N	30 20E	79.7	192.2	1.687	-19.95	49.6	S0409	.07190	9.0787	0.6	F
9011	33223.96	59 10N	30 20E	79.3	192.1	1.810	-19.60	49.6	S0409	.07190	9.1529	0.6	A
9012	33265.76	58 43N	28 45E	84.5	191.2	1.310	-29.05	51.9	S0409	.07190	8.5839	0.4	A
9013	33293.96	53 0N	29 13E	74.2	190.7	2.170	3.50	54.2	S0409	.07190	9.3868	0.6	V
9014	33296.76	53 1N	29 13E	75.0	190.7	2.170	3.85	54.2	S0409	.07190	9.6559	0.6	A
9015	33329.16	50 57N	27 40E	76.4	190.1	2.170	-15.40	56.1	S0409	.07190	9.4498	0.6	F
9016	33331.96	50 57N	27 40E	75.4	190.1	2.170	-15.05	56.1	S0409	.07190	9.7156	0.6	V
9017	33350.16	49 25N	27 10E	76.0	189.8	2.170	-17.50	57.1	S0409	.07190	9.6312	0.4	V
9018	33352.96	49 24N	27 10E	76.8	189.8	2.170	-17.15	57.1	S0409	.07190	9.4496	0.4	A
9019	33387.76	46 53N	26 56E	74.2	189.4	2.511	0.70	59.5	S0409	.07190	9.7651	1.0	F
9020	33393.16	46 53N	26 56E	74.2	189.3	2.511	1.40	59.5	S0409	.07190	9.7691	0.6	A
9021	33418.56	44 26N	26 11E	74.1	189.0	2.511	-3.50	61.1	S0409	.07190	9.7796	0.8	F
9022	33423.96	44 27N	26 12E	74.0	189.0	2.511	-2.45	61.1	S0409	.07190	9.7961	0.6	A
9023	33479.16	41 9N	24 53E	75.6	188.5	2.511	-17.15	63.3	S0409	.07190	9.6689	0.4	V
9024	33472.76	41 10N	24 53E	76.4	188.5	2.733	-17.15	63.3	S0409	.07190	9.4992	0.6	A
9025	33593.16	33 29N	23 8E	75.0	187.3	3.090	-8.75	68.6	S0409	.04090	9.6477	0.8	F
9026	33598.56	33 29N	23 7E	74.9	187.3	3.090	-8.05	68.6	S0409	.04090	9.6724	0.8	A
9027	34127.36	4 16S	15 19E	113.1	186.4	2.872	-40.60	56.8	S0409	.05410	6.3163	0.3	F
9028	34136.16	4 21S	15 27E	107.0	186.4	3.439	-36.75	56.9	S0409	.05410	6.7451	1.0	A
1655 9001	38500.36	59 40N	10 15E	76.9	192.9	1.810	6.65	48.4	S0312	.05390	9.4157	0.6	F
9002	38506.56	59 17N	10 26E	80.2	192.7	1.810	17.15	48.9	S0312	.05390	9.0447	0.6	F
9003	38516.76	59 2N	9 46E	76.4	192.4	1.810	6.40	49.8	S0312	.05390	9.4981	0.4	A
9004	38658.56	49 9N	4 27E	85.4	189.8	1.810	-31.15	57.1	S0312	.03150	8.4468	1.0	F
9005	38661.76	49 9N	4 27E	84.2	189.8	2.033	-31.15	57.1	S0312	.03150	8.6884	0.6	V
9001	38493.36	61 0N	10 29E	75.1	193.5	1.687	-2.80	47.1	S0409	.07190	9.7466	0.6	V
9002	38499.56	60 49N	11 5E	78.9	193.2	1.687	14.00	47.5	S0409	.07190	9.1694	0.8	A
9003	38512.36	59 9N	9 40E	75.0	192.8	1.810	2.10	48.9	S0409	.09670	9.7714	0.8	V
9004	38610.16	52 21N	6 42E	74.7	190.0	2.170	0.00	54.8	S0409	.07190	9.6972	0.4	F
9005	38612.76	52 22N	6 42E	73.8	190.0	2.170	0.35	54.8	S0409	.07190	9.4563	0.6	V
9006	38707.36	46 40N	5 29E	84.4	189.2	2.170	27.30	60.4	S0409	.05410	8.6994	1.0	V
9007	38710.56	46 47N	5 29E	85.7	189.2	2.170	27.65	60.4	S0409	.05410	8.4468	1.0	A
9008	38731.56	44 11N	4 43E	79.1	189.0	2.511	14.60	61.6	S0409	.07190	9.2766	0.6	V
9009	38734.56	44 10N	4 43E	80.2	188.9	2.511	14.95	61.6	S0409	.07190	9.0127	0.8	A
9010	38838.96	36 48N	2 56E	83.0	188.0	2.511	25.20	66.8	S0409	.04090	8.8596	0.6	V
9011	38841.96	36 48N	2 56E	84.3	188.0	2.511	25.55	66.8	S0409	.04090	8.5674	0.6	A
9012	38846.56	36 17N	2 46E	81.5	188.0	2.511	23.80	67.1	S0409	.05410	9.0045	0.8	V
9013	38849.36	36 16N	2 46E	82.7	187.9	2.511	24.15	67.1	S0409	.05410	8.7406	0.8	A
9014	38864.16	35 42N	1 30E	75.1	187.8	3.090	-14.30	67.0	S0409	.07190	9.6477	1.0	A
9015	39297.16	5 20N	4 1W	82.2	186.4	3.439	-4.90	64.7	S0409	.05410	9.0726	0.4	V
9016	39300.16	5 20N	4 1W	83.3	186.4	3.439	-4.20	64.7	S0409	.05410	8.8417	0.4	A
1657 5001	50510.15	35 0S	57 31W	141.6	187.9	3.090	-34.30	29.6	S0312	.03150	5.8293	0.8	A
9001	49987.35	0 10S	49 57W	99.2	186.4	3.211	-32.90	60.3	S0409	.05410	7.2234	1.0	F
9002	49994.55	0 12S	49 45W	92.9	186.4	3.439	-25.20	60.4	S0409	.05410	7.7983	0.8	A
9003	50002.95	1 0S	49 10W	85.9	186.4	3.439	2.45	60.3	S0409	.05410	8.4685	1.0	V
9004	50011.15	1 29S	48 37W	98.7	186.4	2.872	25.20	60.4	S0409	.05410	7.2594	1.0	A
9005	50019.55	2 28S	48 12W	117.8	186.4	2.170	40.25	60.1	S0409	.04090	6.1679	1.0	V
9006	50031.15	2 46S	49 40W	87.6	186.4	3.439	-5.25	58.8	S0409	.05410	8.1881	0.8	A
9007	50419.95	29 42S	55 39W	120.9	187.4	2.872	-30.10	34.8	S0409	.05410	5.8528	0.8	F
9008	50429.15	30 20S	54 59W	109.4	187.4	3.090	-10.15	34.6	S0409	.05410	6.5534	1.0	F
9009	50436.15	30 43S	55 34W	114.9	187.5	3.090	-22.75	34.9	S0409	.05410	6.1844	1.0	F
9010	50441.75	30 55S	55 31W	112.4	187.5	3.090	-20.65	34.9	S0409	.05410	6.3988	0.8	V
9011	50448.15	31 8S	55 5W	122.6	187.5	2.872	-30.10	35.1	S0409	.05410	5.7721	0.8	F
9012	50453.35	31 20S	55 57W	117.8	187.5	3.090	-26.60	35.1	S0409	.05410	6.1019	0.3	V
9013	50457.95	31 30S	55 47W	114.1	187.6	3.090	-19.60	32.6	S0409	.05410	6.2256	1.0	F
9014	50464.55	31 46S	56 35W	129.7	187.6	2.872	-35.70	32.2	S0409	.05410	5.5329	0.8	V
9015	50473.95	32 5S	56 37W	111.5	187.7	3.090	-11.55	32.2	S0409	.05410	6.3575	0.8	A
9016	50496.15	32 54S	56 12W	114.1	187.8	2.872	-15.05	30.3	S0409	.07190	6.2173	0.4	F

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1657 9017	50500.35	34 54S	56 13W	112.9	187.8	2.872	-14.70	30.3	S0409	.07190	6.3493	0.4	V
9018	50528.15	36 45S	57 8W	121.4	188.0	2.872	-25.20	28.4	S0409	.05410	5.9040	1.0	V
9019	50532.55	37 1S	57 7W	120.2	188.0	2.872	-23.45	28.1	S0409	.05410	5.9617	0.6	V
9020	50538.55	37 43S	57 24W	124.2	188.1	2.733	-25.90	27.4	S0409	.05410	5.6478	0.6	F
9021	50543.15	37 59S	57 25W	122.8	188.1	2.733	-25.55	27.4	S0409	.05410	5.8380	0.6	V
9022	50546.95	37 57S	57 38W	126.2	188.1	2.733	-28.70	27.1	S0409	.05410	5.6813	0.4	V
1658 9001	55118.95	12 0N	68 56W	80.9	186.6	3.439	4.90	68.8	S0409	.05410	8.8373	0.6	A
9002	55135.55	10 50N	69 38W	80.9	186.5	3.439	-15.40	67.8	S0409	.05410	9.0292	0.6	V
9003	55142.15	10 4N	69 20W	81.1	186.5	3.439	2.10	67.7	S0409	.05410	8.9226	0.4	F
9004	55145.95	10 3N	69 21W	79.9	186.5	3.439	1.75	67.7	S0409	.05410	9.1447	0.8	V
9005	55148.95	10 4N	69 21W	80.9	186.5	3.439	2.10	67.7	S0409	.05410	8.8973	0.6	A
9006	55353.15	3 46S	73 12W	118.6	186.4	3.090	-48.45	57.2	S0409	.03090	6.0854	1.0	A
9007	55495.35	1N 41S	73 21W	94.6	186.0	3.211	7.00	49.9	S0409	.04090	7.5449	1.0	A
9008	55793.55	33 55S	73 58W	131.4	187.7	3.090	-35.00	31.1	S0409	.05410	5.4092	1.0	A
1659 5001	58819.15	56 35N	84 52E	99.0	343.5	-2.028	-8.75	-10.0	S0312	.2971U	7.2508	1.0	A
1664 9001	828.93	6 15S	155 18E	92.0	186.5	3.211	8.05	56.4	S0409	.04090	7.7758	0.6	A
1665 5001	5366.53	46 41N	142 49E	80.2	189.5	2.170	-26.60	59.0	S0312	.03150	9.1354	0.4	V
5002	5368.33	46 42N	142 49E	80.9	189.3	2.170	-26.25	59.0	S0312	.03150	8.9469	0.6	A
5003	5428.13	42 39N	141 48E	79.5	186.7	2.511	-24.50	62.0	S0312	.03150	9.1456	0.6	A
9001	5354.93	47 17N	142 47E	85.2	189.5	1.810	-31.50	58.4	S0409	.05410	8.4520	0.4	F
9002	5357.93	47 17N	142 47E	84.0	189.4	2.033	-31.50	58.4	S0409	.05410	8.7241	0.6	V
9003	5360.93	47 16N	142 47E	84.6	189.4	2.033	-31.15	58.4	S0409	.05410	8.5859	1.0	A
9004	5366.53	46 41N	142 48E	80.2	189.5	2.170	-26.60	59.0	S0409	.07190	9.1364	0.4	V
9005	5369.33	46 41N	142 49E	80.9	189.3	2.170	-26.25	59.0	S0409	.07190	8.9980	0.4	A
9006	5419.73	42 50N	141 41E	83.0	188.8	2.170	-29.40	61.8	S0409	.05410	8.6746	1.4	F
9007	5514.53	36 16N	140 34E	75.8	188.0	2.733	-15.40	66.3	S0409	.05410	9.5405	0.8	F
9008	5519.93	36 16N	140 34E	75.5	187.9	2.872	-14.70	66.3	S0409	.05410	9.6964	0.8	A
9009	5560.33	33 9N	139 48E	76.7	187.7	2.872	-17.50	68.0	S0409	.07190	9.4168	1.0	F
1666 5001	10656.73	47 29N	122 54E	87.1	189.6	2.170	29.40	59.0	S0312	.03150	8.3356	0.4	F
5002	10659.73	47 30N	122 54E	86.4	189.5	2.170	29.75	59.0	S0312	.03150	8.4758	0.6	V
5003	10677.93	46 2N	122 27E	87.4	189.3	2.385	29.75	60.1	S0312	.03150	8.3191	0.4	F
5004	10681.13	46 2N	122 28E	86.9	189.3	2.170	30.45	60.1	S0312	.03150	8.4593	0.4	V
5005	10701.53	44 54N	120 6E	81.5	189.0	2.170	-29.05	60.3	S0312	.03150	9.0034	0.6	V
5006	10706.33	44 53N	119 51E	85.0	189.0	2.170	-32.90	60.5	S0312	.03150	8.6324	1.0	V
5007	10755.73	40 43N	120 54E	87.4	188.5	2.511	29.40	64.1	S0312	.03150	8.3109	0.4	F
5008	10758.73	40 44N	120 54E	86.7	188.5	2.511	29.75	64.1	S0312	.03150	8.4428	1.0	V
5009	10983.33	25 5N	117 11E	86.4	187.1	2.872	28.80	71.6	S0312	.03150	8.4098	0.4	F
9001	10643.13	48 37N	121 41E	75.9	189.7	2.170	-15.05	57.6	S0409	.07190	9.5157	0.4	F
9002	10659.73	47 29N	122 54E	86.4	189.5	2.170	29.75	59.0	S0409	.05410	8.4767	0.6	V
9003	10662.93	47 29N	122 54E	87.7	189.5	2.170	30.10	59.0	S0409	.05410	8.2294	0.4	A
9004	10680.93	46 2N	122 28E	86.9	189.3	2.170	30.45	60.1	S0409	.05410	8.4603	0.4	V
9005	10684.13	46 2N	122 28E	88.2	189.2	2.170	30.80	60.1	S0409	.05410	8.2046	0.4	A
9006	10743.73	41 39N	120 27E	75.3	188.6	2.733	9.10	63.2	S0409	.05410	9.8412	1.0	F
9007	10748.13	41 22N	120 15E	73.9	188.6	2.733	4.90	63.3	S0409	.07190	9.8043	0.6	F
9008	10768.13	40 0N	119 45E	73.8	188.4	2.733	-0.70	64.2	S0409	.05410	9.8126	0.8	F
9009	10773.53	39 50N	119 44E	73.8	188.4	2.733	0.00	64.2	S0409	.05410	9.8126	0.6	A
9010	10818.53	36 20N	119 44E	86.4	188.0	2.733	28.00	67.0	S0409	.04090	8.4108	0.8	F
9011	10821.53	36 20N	119 44E	85.5	188.0	2.511	28.35	67.0	S0409	.04090	8.5359	0.8	V
9012	10824.73	36 20N	119 43E	86.8	188.0	2.511	28.70	67.0	S0409	.04090	8.3201	0.8	A
9013	10852.73	34 16N	117 15E	91.4	187.8	2.385	-37.80	67.8	S0409	.04090	7.8748	0.8	F
9014	10855.93	34 16N	117 15E	90.0	187.8	2.385	-37.45	67.8	S0409	.04090	8.1387	1.0	V
9015	10875.73	32 56N	116 7E	74.8	187.6	3.090	3.15	68.6	S0409	.05410	9.6809	0.4	F
9016	10884.33	32 5N	116 50E	89.6	187.6	2.511	31.85	69.4	S0409	.05410	8.1881	0.4	V
9017	10887.53	32 6N	116 50E	91.0	187.6	2.511	32.20	69.4	S0409	.05410	7.9243	0.6	A
9018	10895.53	31 41N	116 21E	81.6	187.5	2.733	22.40	69.5	S0409	.07190	8.9797	0.4	V
9019	10898.33	31 42N	116 21E	82.8	187.5	2.733	22.75	69.5	S0409	.07190	8.7076	0.4	A
9020	10919.33	30 12N	117 40E	75.5	187.4	3.090	5.60	69.7	S0409	.07190	9.5382	1.0	F
9021	10915.73	30 12N	117 40E	75.8	187.4	3.090	6.65	69.7	S0409	.07190	9.5405	1.0	A
9022	10923.73	29 16N	117 15E	74.8	187.4	3.211	-3.50	69.8	S0409	.07190	9.6724	0.8	F
9023	10929.13	29 16N	117 15E	74.8	187.3	3.211	-2.45	69.9	S0409	.07190	9.6724	0.8	A
9024	10948.53	27 40N	115 58E	90.8	187.3	2.511	-36.40	69.6	S0409	.05410	7.9078	0.6	F
9025	10951.73	27 40N	115 57E	89.5	187.2	2.733	-36.40	69.6	S0409	.05410	8.1716	0.8	V
9026	10944.53	26 40N	116 58E	76.7	187.2	3.211	8.40	70.9	S0409	.05410	9.4580	0.4	F
9027	10973.93	25 45N	117 11E	83.6	187.1	3.090	22.05	71.4	S0409	.05410	8.6994	0.4	F
9028	10976.93	25 45N	117 11E	82.7	187.1	2.872	22.40	71.4	S0409	.05410	8.8596	0.4	V
9029	10995.93	24 22N	115 49E	79.3	187.1	3.090	-21.00	70.6	S0409	.05410	9.0952	0.4	F
9030	10998.53	24 11N	115 46E	79.9	187.0	3.090	-21.35	70.6	S0409	.04090	9.0210	1.0	F
9031	11009.73	23 45N	116 41E	82.7	187.0	2.872	19.95	71.6	S0409	.05410	8.7154	0.6	A
9032	11450.13	7 7S	111 37E	107.3	186.0	2.733	29.40	56.1	S0409	.05410	8.7206	0.8	F
9033	11457.73	7 21S	110 49E	91.9	186.0	3.439	5.60	55.3	S0409	.05410	7.8418	1.4	F
9034	11464.33	7 30S	110 45E	91.7	186.0	3.439	4.20	55.3	S0409	.04090	7.7841	0.4	A
9035	11471.13	7 35S	110 15E	92.3	186.0	3.574	-12.25	54.6	S0409	.05410	7.7593	0.4	A
1667 9001	16072.72	40 14N	97 21E	74.1	188.4	2.733	-12.60	63.9	S0409	.05410	9.7549	0.6	F
9002	16077.92	40 13N	97 22E	73.9	188.4	2.733	-11.55	63.9	S0409	.05410	9.8208	0.6	A

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IM/SEC	BURST TIME SEC	MIRROR
1667 9003	16115.92	37 22N	97 22E	74.6	188.1	2.733	13.65	66.1	S0409	.07190	9.6573	0.4	V
9004	16118.72	37 22N	97 22E	75.6	188.1	2.733	14.00	66.1	S0409	.07190	9.5755	0.4	A
9005	16260.92	27 10N	94 6E	82.6	187.2	2.872	-26.95	69.9	S0409	.05410	8.7159	0.6	F
9006	16281.32	25 54N	93 47E	83.8	187.1	2.872	-28.35	70.2	S0409	.05410	8.5859	0.6	F
9007	16289.52	25 42N	94 6E	76.6	187.1	3.211	-14.70	70.6	S0409	.05410	9.4560	0.4	A
166A 5001	20952.52	69 20N	88 15E	74.8	196.3	1.113	-14.70	39.2	S0312	.04150	9.2368	0.6	V
5002	20955.32	69 20N	88 15E	79.7	198.2	1.113	-14.70	39.2	S0312	.04150	9.1024	0.6	A
5003	21314.12	44 30N	77 47E	87.3	189.0	2.385	30.10	61.3	S0312	.03150	8.3356	0.4	F
5004	21317.12	44 30N	77 47E	86.8	189.0	2.170	30.80	61.3	S0312	.03150	8.4675	0.6	V
9001	20990.92	66 37N	86 13E	77.7	196.4	1.332	-9.80	41.8	S0409	.07190	9.2931	0.4	F
9002	20996.52	66 37N	86 12E	77.4	196.1	1.332	-9.45	41.8	S0409	.07190	9.3508	0.6	A
9003	21196.12	53 1N	78 39E	78.1	190.6	1.810	-21.70	53.9	S0409	.05410	9.3673	0.4	V
9004	21198.92	53 1N	78 39E	78.9	190.6	2.033	-21.70	53.9	S0409	.05410	9.2024	0.6	A
9005	21225.32	50 46N	78 33E	74.1	190.2	2.170	-3.85	55.9	S0409	.07190	9.7714	2.0	F
9006	21230.72	50 46N	78 33E	74.0	190.1	2.170	-3.15	55.9	S0409	.07190	9.6943	1.4	A
9007	21239.32	49 50N	78 8E	73.9	190.0	2.170	-7.00	56.6	S0409	.07190	9.7479	1.4	F
9008	21244.72	49 43N	78 7E	73.7	189.9	2.335	-6.65	56.7	S0409	.07190	9.5573	1.4	A
9009	21322.72	44 2N	77 8E	78.0	189.0	2.385	17.15	61.5	S0409	.05410	9.3096	0.6	F
9010	21327.12	43 56N	77 2E	76.2	188.9	2.335	15.05	61.5	S0409	.05410	9.6229	0.4	V
9011	21329.92	43 56N	77 1E	77.2	188.9	2.385	15.40	61.5	S0409	.05410	9.3673	0.6	A
9012	21334.72	43 53N	77 0E	80.7	188.8	2.385	23.45	62.1	S0409	.05410	9.0747	0.6	V
9013	21337.72	43 52N	77 0E	81.8	188.8	2.385	23.80	62.1	S0409	.05410	8.9148	0.6	A
9014	21347.52	42 56N	76 4E	70.9	188.7	2.733	-4.55	62.3	S0409	.07190	10.3403	0.4	V
9015	21350.12	42 56N	76 4E	71.7	186.7	2.733	-4.20	62.3	S0409	.07190	10.1095	0.4	A
9016	21470.32	33 50N	73 49E	75.1	187.7	2.872	-11.55	67.6	S0409	.05410	9.6147	0.6	F
9017	21473.12	33 53N	73 48E	74.2	187.7	2.872	-11.20	67.6	S0409	.05410	9.6705	0.6	V
9018	21477.12	33 55N	73 51E	72.9	187.7	3.090	-8.40	67.7	S0409	.05410	9.9365	0.6	A
9019	21500.52	31 57N	72 43E	86.8	187.6	2.511	-33.25	68.2	S0409	.04090	8.2871	0.6	F
9020	21506.72	31 57N	72 43E	86.0	187.5	2.732	-32.55	68.2	S0409	.04090	8.4520	0.6	A
9021	21516.72	30 47N	73 21E	74.6	187.5	3.090	-2.45	69.3	S0409	.05410	9.6972	1.0	F
9022	21522.12	30 46N	73 21E	74.7	187.4	3.090	-1.40	69.3	S0409	.05410	9.6889	0.8	A
9023	21574.32	27 0N	71 49E	84.2	187.2	2.872	-30.45	69.9	S0409	.05410	8.6229	0.6	V
9024	21577.52	27 4N	71 50E	84.6	187.2	2.872	-29.75	69.9	S0409	.05410	8.5574	0.6	A
1669 5001	26277.12	67 50N	64 45E	80.1	197.3	1.113	-17.15	40.5	S0312	.04150	9.0117	0.4	F
5002	26279.92	67 50N	64 45E	79.0	197.2	1.113	-16.80	40.5	S0312	.04150	9.2598	0.6	V
5003	26428.32	57 59N	60 6E	78.0	192.1	1.810	16.45	49.9	S0312	.04150	9.3992	0.6	A
5004	26431.12	57 59N	60 5E	78.9	192.1	1.810	16.45	49.9	S0312	.04150	9.1951	0.6	A
5005	26436.32	57 56N	60 7E	81.4	191.9	1.810	22.75	50.5	S0312	.04150	9.0117	0.4	V
5006	26440.12	56 54N	59 60E	83.5	191.8	2.033	24.15	50.9	S0312	.03150	8.6906	0.6	F
5007	26445.12	56 54N	59 58E	83.1	191.7	1.810	23.80	50.8	S0312	.04150	8.7413	0.6	A
5008	26518.12	52 1N	55 43E	84.7	190.4	1.687	-35.70	54.5	S0312	.03150	8.2551	1.0	V
5009	26521.32	52 1N	55 34E	89.4	190.3	1.687	-35.35	54.5	S0312	.03150	8.1377	1.0	A
9001	26284.52	67 50N	64 20E	80.0	197.0	1.113	-17.15	40.9	S0409	.07190	9.0127	0.6	F
9002	26290.32	67 50N	64 19E	79.8	196.7	1.332	-17.15	40.9	S0409	.07190	9.0787	0.4	A
9003	26421.32	58 0N	60 22E	80.4	192.5	2.035	16.90	49.7	S0409	.07190	9.0127	0.4	F
9004	26424.92	58 0N	60 14E	78.2	192.2	1.810	16.80	49.7	S0409	.07190	9.3756	0.4	V
9005	26470.52	54 50N	58 39E	77.6	191.2	2.170	14.35	52.6	S0409	.07190	9.3591	1.4	F
9006	26475.12	54 50N	58 39E	77.6	191.1	2.173	14.70	52.6	S0409	.07190	9.3343	1.4	A
9007	26483.12	54 0N	57 50E	74.3	191.0	2.170	1.40	53.2	S0409	.07190	9.7466	0.6	F
9008	26488.52	54 0N	57 50E	74.3	190.9	2.170	2.10	53.2	S0409	.07190	9.7349	0.6	A
9009	26630.72	43 56N	54 48E	75.8	188.9	2.733	18.50	61.5	S0409	.07190	9.5745	0.6	F
9010	26633.52	43 56N	54 47E	74.9	188.9	2.511	18.85	61.5	S0409	.07190	9.7961	1.2	V
9011	26636.92	43 55N	54 47E	76.9	188.9	2.511	11.20	61.5	S0409	.07190	9.5405	0.6	A
9012	26686.52	40 49N	52 44E	79.8	188.4	2.511	-26.25	63.5	S0409	.04090	9.1694	0.6	V
9013	26689.52	40 49N	52 44E	80.5	188.4	2.511	-25.90	63.5	S0409	.04090	9.0127	0.6	A
9014	26751.32	35 47N	51 24E	86.7	187.9	2.385	-34.30	66.2	S0409	.05410	8.3056	1.0	F
9015	26757.52	35 47N	51 24E	86.0	187.9	2.511	-33.60	66.2	S0409	.05410	8.4438	1.0	A
9016	26843.92	29 20N	50 21E	81.0	187.4	2.872	-24.85	69.4	S0409	.05410	8.8973	2.4	F
9017	26850.12	29 21N	50 21E	80.7	187.3	3.090	-24.50	69.4	S0409	.05410	8.9380	3.6	A
9018	26880.12	26 53N	49 55E	80.4	187.2	2.872	-22.75	70.1	S0409	.07190	8.9715	0.6	F
9019	26886.12	26 47N	50 9E	76.3	187.2	3.090	-10.85	70.5	S0409	.05410	9.4745	0.6	F
9020	27171.12	7 1N	46 25E	83.7	186.3	3.439	-16.80	65.7	S0409	.05410	8.7159	1.0	V
9021	27174.52	6 50N	46 24E	84.8	186.3	3.439	-16.80	65.6	S0409	.05410	8.5047	0.6	A
9022	27247.92	2 0N	45 14E	93.4	186.4	3.439	-27.30	62.1	S0409	.05410	7.7131	0.6	A
1670 5001	31595.32	67 0N	44 18E	82.4	196.7	1.332	21.35	41.5	S0312	.04150	8.6380	0.4	V
5002	31598.32	67 0N	44 17E	83.3	196.6	1.332	21.35	41.4	S0312	.04150	8.6984	0.4	A
5003	31654.72	63 1N	40 47E	79.0	194.3	1.687	14.35	45.2	S0312	.04150	9.1601	1.4	F
5004	31660.52	63 0N	40 48E	79.2	194.1	1.687	15.05	45.3	S0312	.04150	9.1436	1.4	A
5005	31676.92	61 49N	40 23E	82.2	193.6	1.687	22.75	46.5	S0312	.04150	8.9210	0.4	V
5006	31679.92	61 49N	40 24E	83.4	193.5	1.475	23.45	46.5	S0312	.04150	8.6901	0.4	A
5007	31711.32	59 12N	38 45E	79.8	192.7	1.810	17.85	48.7	S0312	.04150	9.0941	1.0	F
5008	31717.12	59 11N	38 45E	80.2	192.5	1.810	18.55	48.7	S0312	.04150	9.0447	0.6	A
5009	31767.92	55 44N	37 24E	85.0	191.4	1.810	26.60	51.9	S0312	.03150	8.5252	1.4	A
5010	31774.12	54 44N	37 12E	87.5	191.2	2.033	29.41	52.8	S0312	.03150	8.4026	0.6	F
5011	31779.32	54 44N	37 12E	86.6	191.2	1.810	29.75	52.8	S0312	.03150	8.4758	0.4	V
5012	31824.72	51 42N	33 32E	86.5	190.4	1.687	-32.55	54.9	S0312	.03150	8.3438	1.4	F
5013	31828.92	51 39N	33 30E	85.2	190.3	1.687	-32.20	54.9	S0312	.03150	8.5994	0.6	V
5014	33075.31	34 6S	18 48E	141.8	187.7	1.810	36.40	32.2	S0312	.03150	5.0623	0.6	V
5015	33080.91	34 9S	18 48E	144.9	187.8	1.475	37.10	32.2	S0312	.03150	4.8644	0.6	A
9001	31635.52	64 24N	40 44E	76.2	195.0	1.475	-3.85	44.9	S0409	.07190	9.4424	0.4	F

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1670 9002	31639.12	64 24N	40 45E	75.2	194.9	1.475	-3.50	43.9	S0409	.07190	9.7301	1.0	V
9003	31641.32	64 22N	40 44E	76.0	194.8	1.475	-3.15	43.9	S0409	.07190	9.5240	0.6	A
9004	31648.92	63 49N	40 18E	75.9	194.5	1.687	-1.05	44.7	S0409	.07190	9.5240	0.6	F
9005	31654.72	63 0N	40 47E	79.0	194.3	1.687	14.35	45.2	S0409	.07190	9.1612	2.4	F
9006	31660.52	62 50N	40 47E	79.1	194.1	1.687	15.05	45.3	S0409	.07190	9.1447	4.4	A
9007	31734.92	57 40N	36 40E	76.5	192.1	1.810	-13.65	49.8	S0409	.07190	9.4415	0.8	F
9008	31740.32	57 26N	36 40E	76.3	192.0	1.810	-13.30	49.8	S0409	.07190	9.4992	0.8	A
9009	31757.92	55 59N	37 34E	84.5	191.6	2.033	25.55	51.7	S0409	.07190	8.5962	3.6	F
9010	31764.92	55 56N	37 33E	85.0	191.4	1.810	26.60	51.7	S0409	.07190	8.5180	2.6	A
9011	31788.72	54 26N	36 4E	75.3	191.0	2.033	7.35	52.9	S0409	.07190	9.6147	0.6	A
9012	31804.92	53 10N	34 58E	74.0	190.7	2.170	-9.80	53.8	S0409	.07190	9.9033	0.6	V
9013	31807.72	53 10N	34 57E	74.8	190.7	2.170	-9.80	53.8	S0409	.07190	9.6839	0.6	A
9014	31838.52	50 39N	34 28E	74.1	190.2	2.385	0.70	56.0	S0409	.07190	9.7714	6.0	F
9015	31841.72	50 37N	34 25E	73.2	190.1	2.385	0.00	56.0	S0409	.07190	10.0187	0.6	V
9016	31848.52	50 17N	34 51E	78.0	190.0	2.170	16.10	56.5	S0409	.07190	9.2349	0.6	A
9017	31852.52	49 59N	34 30E	76.2	190.0	2.385	11.55	56.9	S0409	.07190	9.5157	1.0	F
9018	31857.92	49 40N	34 30E	76.4	189.9	2.385	12.25	56.9	S0409	.07190	9.4745	1.0	A
9019	31866.32	49 11N	33 27E	75.4	189.8	2.385	-14.00	57.1	S0409	.07190	9.6229	1.8	A
9020	31872.12	48 53N	33 29E	74.0	189.7	2.385	-6.30	57.8	S0409	.07190	9.7714	0.4	F
9021	31874.72	48 24N	33 29E	73.1	189.7	2.385	-5.95	57.8	S0409	.07190	10.0270	0.6	V
9022	31880.52	48 9N	33 44E	74.3	189.6	2.385	4.55	58.1	S0409	.07190	9.7456	0.6	A
9023	31896.92	46 50N	32 46E	75.0	189.4	2.385	-12.60	59.1	S0409	.07190	9.6324	0.6	F
9024	31902.12	46 44N	32 46E	74.8	189.3	2.514	-12.25	59.1	S0409	.07190	9.6889	1.0	A
9025	31917.72	45 7N	33 36E	84.7	189.1	2.385	25.60	60.8	S0409	.05410	8.5939	1.2	F
9026	31923.72	45 0N	33 36E	85.1	189.1	2.170	27.30	60.8	S0409	.05410	8.4767	1.2	A
9027	31928.52	44 56N	33 23E	82.9	189.0	2.385	25.55	61.1	S0409	.05410	8.6561	0.4	V
9028	31931.52	44 56N	33 24E	84.2	189.0	2.170	26.25	61.2	S0409	.05410	8.5922	0.4	A
9029	32120.52	31 14N	29 57E	83.9	187.5	2.872	23.80	69.6	S0409	.04090	8.6746	1.0	F
9030	32124.72	31 9N	29 49E	80.3	187.5	2.872	19.95	69.5	S0409	.04090	9.1282	1.0	V
9031	32128.12	31 4N	29 48E	81.5	187.5	2.872	20.30	69.6	S0409	.04090	8.8561	0.4	A
9032	33060.52	33 16S	18 9E	120.7	187.6	2.511	20.65	82.6	S0409	.05410	5.9040	1.0	F
9033	33065.51	33 19S	18 26E	129.6	187.7	2.170	28.35	82.3	S0409	.05410	5.5082	0.4	F
9034	33070.31	33 40S	18 26E	128.8	187.7	2.033	28.70	82.3	S0409	.05410	5.5659	0.4	V
1671 5001	37092.31	54 19N	13 41E	73.6	191.0	2.033	0.70	52.9	S0312	.05390	9.9579	0.4	V
5002	37094.91	54 20N	13 42E	74.5	191.0	2.033	1.05	52.9	S0312	.05390	9.7853	0.4	A
9001	36975.31	62 26N	17 24E	75.6	193.8	1.687	-3.50	45.7	S0409	.09670	9.5906	0.6	A
9002	37108.11	53 7N	12 41E	76.8	190.7	2.033	-14.35	53.6	S0409	.07190	9.5075	0.8	F
9003	37113.51	53 7N	12 41E	75.7	190.6	2.170	-13.65	53.8	S0409	.07190	9.5817	0.8	A
9004	37302.91	39 40N	9 26E	75.6	188.4	2.733	10.15	64.5	S0409	.04090	9.6147	0.6	F
9005	37308.31	39 40N	9 26E	75.7	188.3	2.733	10.85	64.5	S0409	.04090	9.5570	0.8	A
9006	37337.11	37 30N	9 56E	75.6	188.1	2.733	11.90	65.9	S0409	.07190	9.6972	0.6	V
1673 5001	48527.31	9 22S	44 24W	109.7	186.4	3.090	-40.60	58.5	S0312	.02260	8.6206	0.4	V
9001	48810.51	21 52S	46 34W	100.7	186.9	3.090	3.50	42.8	S0409	.05410	7.1656	0.6	V
9002	48814.31	21 50S	46 34W	102.2	186.9	3.090	3.85	42.8	S0409	.05410	6.9312	0.6	A
9003	48824.11	23 42S	45 52W	120.3	187.0	2.385	29.40	42.0	S0409	.05410	5.9535	1.0	F
9004	48828.51	23 42S	45 52W	119.9	187.0	2.170	30.10	42.1	S0409	.05410	5.9947	1.0	V
9005	48835.71	23 37S	46 41W	103.8	187.0	2.733	10.50	41.3	S0409	.05410	6.9430	0.6	V
9006	48839.51	23 36S	46 41W	105.4	187.0	2.733	10.85	41.3	S0409	.05410	6.7203	0.6	A
1674 5001	53944.50	10 40S	64 22W	146.9	186.5	2.170	40.25	33.3	S0312	.03150	5.6972	0.4	F
5002	53949.10	10 40S	64 23W	125.8	186.5	2.170	40.35	33.3	S0312	.03150	5.7651	0.8	V
5003	54334.50	36 40S	73 5W	123.7	188.0	2.872	-27.65	28.6	S0312	.04150	5.7879	1.0	V
5004	54339.10	36 40S	73 5W	125.4	188.0	3.090	-27.65	28.6	S0312	.04150	5.6542	1.0	A
9001	53638.70	10 41N	63 15W	80.0	186.5	3.439	-9.10	67.9	S0409	.07190	9.1179	0.6	V
9002	53641.50	10 42N	63 15W	81.1	186.5	3.439	-9.10	67.9	S0409	.05410	8.8808	1.0	A
9003	53648.30	9 47N	63 9W	81.1	186.5	3.439	1.05	67.7	S0409	.05410	8.6973	1.0	F
9004	53651.70	9 46N	63 10W	80.3	186.5	3.439	0.70	67.6	S0409	.05410	9.0859	0.6	V
9005	53943.90	10 40S	65 22W	126.8	186.5	2.170	40.25	53.4	S0409	.04090	5.6978	1.0	F
9006	53955.50	10 39S	65 51W	111.5	186.5	2.385	30.45	53.0	S0409	.05410	5.3658	1.0	A
9007	53963.10	11 43S	65 59W	110.3	186.5	2.511	30.10	52.3	S0409	.05410	5.5719	1.0	V
9008	54007.30	14 26S	67 29W	95.5	186.6	3.439	-3.15	49.4	S0409	.05410	7.4625	1.0	A
9009	54019.90	15 44S	67 36W	96.1	186.7	3.439	0.70	48.3	S0409	.05410	7.4542	1.0	F
9010	54027.30	15 40S	67 5W	104.4	186.7	2.872	19.25	48.5	S0409	.05410	6.4111	1.0	A
9011	54124.30	22 0S	70 13W	124.3	186.9	3.211	-37.80	41.8	S0409	.05410	5.7391	1.0	A
9012	54132.10	22 40S	70 16W	122.7	187.0	3.211	-36.40	41.4	S0409	.05410	5.8215	0.8	A
9013	54144.50	23 31S	70 23W	122.0	187.0	3.211	-35.35	40.6	S0409	.05410	5.8463	1.0	A
9014	54190.10	27 16S	70 25W	108.3	187.2	3.211	-17.15	37.6	S0409	.05410	6.5637	1.0	F
9015	54233.10	29 52S	71 14W	113.9	187.4	3.090	-23.80	35.0	S0409	.05410	6.3163	0.8	V
9016	54275.50	33 10S	70 39W	113.1	187.6	2.733	10.50	32.5	S0409	.05410	6.2916	0.8	F
9017	54279.90	33 26S	70 56W	110.2	187.7	2.733	4.90	32.2	S0409	.07190	6.4365	0.6	F
9018	54283.90	33 26S	70 55W	109.4	187.7	2.733	5.60	32.2	S0409	.07190	6.5637	0.6	V
9019	54288.50	33 27S	70 41W	114.6	187.7	2.511	12.60	32.3	S0409	.05410	6.1514	2.0	A
1675 9001	58755.70	23 11N	82 27W	80.4	187.0	3.090	15.05	71.5	S0409	.05410	9.0292	5.8	F
9002	58762.90	23 0N	82 28W	80.9	187.0	2.872	16.10	71.5	S0409	.05410	8.9139	7.2	A
1681 9001	3866.48	46 14N	150 35E	81.1	189.3	2.385	21.70	59.7	S0409	.05410	9.9468	0.4	F
9002	3869.28	46 14N	150 35E	80.4	189.3	2.385	22.05	59.7	S0409	.05410	9.1199	0.4	V

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1681 9003	3880.28	45 06N	149 26E	73.2	189.2	2.511	-7.00	59.8	S0409	.05410	10.0105	0.4	V
9004	3882.88	45 06N	149 26E	74.0	189.1	2.511	-6.65	59.6	S0409	.05410	9.7961	0.4	A
1682 5001	9100.28	51 07N	128 12E	86.4	190.4	1.687	-32.20	54.7	S0312	.03150	8.3521	0.4	F
5002	9101.28	51 06N	128 11E	86.4	190.3	1.687	-32.20	54.8	S0312	.03150	8.3521	0.4	F
5003	9104.88	45 49N	126 44E	81.0	189.2	2.170	-26.25	59.4	S0312	.03150	8.9045	0.8	F
5004	9107.88	45 48N	126 44E	79.9	189.2	2.170	-25.90	59.4	S0312	.03150	9.1603	0.6	V
5005	9226.08	42 59N	126 4E	79.2	188.5	2.385	-25.80	61.6	S0312	.03150	9.1189	0.6	F
5006	9268.68	40 0N	125 16E	80.6	188.4	2.385	-25.90	63.6	S0312	.03150	8.9457	1.4	F
5007	9270.88	39 59N	125 14E	80.6	188.4	2.385	-25.90	63.7	S0312	.03150	8.9457	0.4	F
5008	9276.68	39 59N	125 14E	80.0	188.3	2.385	-24.85	63.7	S0312	.03150	9.1189	0.4	A
9001	9107.68	51 10N	128 40E	76.4	190.2	2.033	-18.20	55.2	S0409	.07190	9.5900	0.4	V
9002	9110.48	51 10N	128 40E	77.3	190.2	2.033	-18.20	55.2	S0409	.07190	9.3920	0.4	A
9003	9121.48	50 11N	129 28E	76.5	190.0	2.170	14.35	56.4	S0409	.07190	9.5300	0.6	V
9004	9124.28	50 11N	129 28E	77.5	190.0	2.170	14.70	56.4	S0409	.07190	9.3426	0.8	A
9005	9156.88	47 40N	128 50E	78.7	189.6	2.385	19.60	58.4	S0409	.05410	9.3178	1.0	V
9006	9187.88	45 48N	126 44E	79.9	189.2	2.170	-25.90	59.4	S0409	.07190	9.1694	0.6	V
9007	9190.68	45 48N	126 43E	80.6	189.2	2.385	-25.90	59.4	S0409	.07190	9.0127	0.6	A
9008	9210.68	44 42N	126 24E	78.4	188.9	2.385	-22.05	60.8	S0409	.05410	9.2106	0.6	F
9009	9213.48	44 42N	126 24E	77.3	188.9	2.385	-21.70	60.8	S0409	.05410	9.4828	0.6	V
9010	9216.28	44 42N	126 24E	78.0	188.9	2.385	-21.35	60.8	S0409	.05410	9.3096	0.6	A
9011	9232.88	42 47N	126 36E	73.5	188.7	2.733	-2.45	62.2	S0409	.07190	9.8456	0.4	F
9012	9235.48	42 47N	126 36E	72.6	188.7	2.733	-2.10	62.3	S0409	.07190	10.0950	0.4	V
9013	9238.28	42 46N	126 35E	73.5	188.7	2.733	-1.75	62.3	S0409	.07190	9.8621	0.4	A
9014	9242.28	41 59N	126 27E	72.7	188.6	2.733	-2.45	62.6	S0409	.07190	10.0347	0.4	V
9015	9245.88	41 59N	126 15E	73.7	188.6	2.733	-6.30	62.8	S0409	.07190	9.8208	0.4	F
9016	9252.28	41 58N	126 41E	76.6	188.5	2.733	12.95	63.4	S0409	.07190	9.4745	1.2	F
9017	9256.48	40 47N	126 34E	76.1	188.5	2.733	11.55	63.6	S0409	.07190	9.5405	0.6	F
9018	9259.28	40 46N	126 34E	75.3	188.5	2.733	11.90	63.6	S0409	.07190	9.7564	0.4	V
9019	9268.68	40 0N	125 16E	80.3	188.4	2.385	-25.90	63.6	S0409	.05410	8.9458	3.4	F
9020	9275.48	39 59N	125 15E	79.6	188.3	2.385	-24.85	63.7	S0409	.07190	9.1199	2.6	A
9021	9282.48	39 58N	125 2E	74.6	188.3	2.733	-14.35	64.3	S0409	.05410	9.8291	0.6	V
9022	9285.28	39 58N	125 25E	75.3	188.3	2.733	-14.00	64.3	S0409	.05410	9.6512	0.6	A
9023	9289.88	39 55N	125 3E	78.3	188.2	2.511	-21.70	64.6	S0409	.07190	9.2106	2.6	F
9024	9295.88	39 54N	125 2E	78.0	188.2	2.733	-21.35	64.7	S0409	.07190	9.5013	2.0	A
9025	9303.68	37 57N	125 26E	73.9	188.1	2.872	-2.45	65.3	S0409	.05410	9.8343	0.8	A
9026	9317.48	36 42N	126 10E	88.5	188.0	2.385	31.50	66.7	S0409	.05410	8.2784	0.8	V
9027	9320.68	36 42N	126 11E	89.9	188.0	2.385	31.85	66.7	S0409	.05410	8.0170	0.4	A
9028	9412.48	30 10N	122 46E	89.0	187.4	2.511	-35.00	68.7	S0409	.04090	8.0409	0.6	F
9029	9415.68	30 10N	122 46E	87.6	187.4	2.511	-34.65	68.7	S0409	.04090	8.3144	0.8	V
9030	9418.88	30 10N	122 46E	88.4	187.4	2.733	-34.65	68.7	S0409	.04090	8.2129	0.6	A
9031	9971.28	3 10S	116 19E	117.9	186.4	2.872	-44.45	57.8	S0409	.04090	8.1679	0.6	V
9032	9974.28	3 11S	117 26E	101.3	186.5	2.872	23.45	55.0	S0409	.05410	7.1856	1.0	V
1683 5001	14262.68	61 49N	112 52E	82.5	193.5	1.687	22.75	46.5	S0312	.04150	8.8796	0.8	V
5002	14265.68	61 49N	112 52E	83.7	193.5	1.687	24.10	46.5	S0312	.04150	8.6489	0.4	A
5003	14613.08	37 41N	102 44E	77.2	188.1	2.733	-21.70	65.2	S0312	.04150	9.5662	0.4	F
5004	14614.88	37 40N	102 44E	76.2	188.1	2.733	-21.35	65.2	S0312	.04150	9.5218	0.4	V
9001	14262.48	61 50N	112 52E	82.5	193.5	1.687	22.75	46.5	S0409	.07190	8.8406	1.0	V
9002	14265.68	61 49N	112 52E	83.7	193.5	1.687	23.10	46.5	S0409	.07190	8.6499	0.8	A
9003	14606.08	51 51N	107 49E	75.3	190.4	2.170	11.20	54.9	S0409	.07190	9.7384	0.6	V
9004	14608.88	51 51N	107 49E	76.3	190.4	2.170	11.55	54.9	S0409	.07190	9.4992	0.6	A
9005	14628.48	36 41N	103 56E	87.3	188.0	2.733	29.75	66.8	S0409	.04090	8.3566	0.4	F
9006	14634.88	36 40N	103 32E	78.7	187.9	2.733	19.95	66.8	S0409	.05410	9.3261	0.6	V
9007	14637.68	36 40N	103 32E	79.8	187.9	2.733	20.30	66.8	S0409	.05410	9.0540	0.6	A
9008	14749.28	28 40N	102 2E	86.3	187.6	2.733	28.70	70.8	S0409	.05410	8.4458	0.6	V
9009	14752.48	28 40N	102 2E	87.9	187.6	2.511	29.40	70.8	S0409	.05410	8.2169	0.6	A
1684 5001	19641.27	53 43N	87 15E	87.5	191.0	2.033	29.05	53.4	S0312	.03150	8.3109	1.0	F
5002	19696.07	53 5N	84 26E	86.9	190.7	1.687	-32.55	53.5	S0312	.03150	8.3026	0.4	F
5003	19702.27	53 5N	84 24E	86.5	190.6	1.810	-32.20	53.5	S0312	.03150	8.4015	0.4	A
9001	19660.47	55 47N	85 50E	77.7	191.4	1.810	-17.50	51.6	S0409	.07190	9.2849	1.0	F
9002	19666.07	55 47N	85 50E	77.5	191.2	2.033	-17.50	51.6	S0409	.07190	9.3571	1.0	A
9003	19695.87	53 5N	84 27E	87.0	190.7	1.687	-32.55	53.4	S0409	.05410	8.3056	0.8	F
9004	19702.07	53 5N	84 26E	86.5	190.6	1.810	-32.20	53.5	S0409	.07190	8.4025	0.6	A
9005	19836.67	43 39N	81 42E	83.6	186.3	2.170	-31.50	60.9	S0409	.05410	8.7571	0.6	V
9006	19839.67	43 39N	81 42E	84.3	188.3	2.385	-31.50	60.9	S0409	.05410	8.6169	0.6	A
9007	20138.27	22 56N	77 53E	76.4	187.0	3.211	-5.60	71.0	S0409	.05410	9.4663	1.2	F
9008	20143.67	22 56N	77 54E	76.5	186.9	3.211	-4.55	71.0	S0409	.05410	9.4580	1.2	A
9009	20318.47	10 6N	76 18E	89.5	186.5	3.090	21.70	68.4	S0409	.05410	8.0974	0.6	F
9010	20321.67	10 6N	76 19E	89.2	186.5	2.872	22.75	68.4	S0409	.05410	8.1481	0.6	V
1685 5001	25099.07	46 49N	61 41E	74.6	189.3	2.511	4.55	59.0	S0312	.04150	9.7572	0.6	A
5002	25224.87	37 54N	54 23E	81.0	188.1	2.511	-26.60	64.9	S0312	.03150	8.8962	0.4	F
5003	25227.67	37 55N	54 23E	79.9	188.1	2.511	-26.25	64.9	S0312	.03150	9.1601	0.6	V
9001	24875.07	61 43N	67 5E	77.0	193.7	1.475	-11.20	46.1	S0409	.07190	9.3726	0.4	F
9002	24877.87	61 43N	67 5E	76.0	193.5	1.687	-11.20	46.1	S0409	.07190	9.6394	0.4	V
9003	24880.47	61 44N	67 5E	76.7	193.5	1.687	-10.85	46.1	S0409	.07190	9.4415	0.4	A
9004	24933.47	57 40N	65 43E	75.5	192.1	2.033	3.15	49.7	S0409	.07190	9.5900	0.6	F
9005	24936.27	57 40N	65 42E	74.6	192.0	1.810	3.50	49.8	S0409	.07190	9.6291	0.6	V

Handle via
BYEMAN Channels
BYE-8915/84

Approved for Release: 2021/01/22 C05132886

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1685 9006	24944.07	57 14N	65 31E	74.7	191.3	2.033	4.55	50.2	S0409	.07190	9.0126	0.6	V
9007	24946.87	57 10N	65 31E	75.5	191.8	2.033	4.90	50.2	S0409	.07190	9.5900	0.6	A
9008	24947.27	55 50N	65 17E	78.1	191.4	2.033	16.45	51.7	S0409	.07190	9.3320	0.4	V
9009	24970.07	55 50N	65 16E	78.9	191.3	2.033	16.45	51.7	S0409	.07190	9.1694	0.4	A
9010	25004.67	53 10N	63 41E	74.5	190.7	2.170	-0.35	53.6	S0409	.07190	9.7301	0.8	A
9011	25021.07	51 51N	64 13E	84.0	190.4	2.033	26.60	55.0	S0409	.07190	8.7324	0.8	V
9012	25024.27	51 51N	64 13E	85.2	190.4	2.033	26.95	55.1	S0409	.07190	8.4850	0.8	A
9013	25092.27	46 50N	61 40E	74.3	189.4	2.511	2.45	58.9	S0409	.05410	9.7549	0.6	F
9014	25095.07	46 50N	61 40E	73.4	189.4	2.511	2.80	58.9	S0409	.05410	9.9038	0.6	V
9015	25227.67	37 50N	58 23E	79.9	188.1	2.511	-26.25	64.9	S0409	.05410	9.1612	0.4	V
9016	25230.67	37 54N	58 23E	80.7	188.1	2.733	-26.25	65.0	S0409	.05410	9.0045	0.4	A
9017	25233.07	37 19N	58 50E	73.4	188.0	2.872	-5.95	65.6	S0409	.04090	9.8786	1.0	A
9018	26049.07	18 46S	47 29E	114.1	186.8	3.090	-32.90	45.1	S0409	.05410	6.2421	1.0	F
9019	26058.67	18 52S	47 32E	111.7	186.8	3.439	-30.45	45.1	S0409	.05410	6.4070	0.6	A
1686 5001	29956.27	76 10N	62 49E	81.1	208.5	0.776	9.45	52.1	S0312	.05390	8.9045	0.6	F
5002	29959.27	76 14N	62 41E	80.1	208.1	0.776	9.45	52.1	S0312	.07180	9.1189	0.4	B
5003	30000.07	73 50N	54 47E	85.4	203.5	0.629	-23.45	54.6	S0312	.04150	8.4345	1.0	F
5004	30003.27	73 49N	54 46E	84.4	203.2	0.629	-23.45	54.6	S0312	.04150	8.6571	0.3	V
5005	30037.27	71 54N	52 26E	80.3	200.5	0.986	-16.80	56.8	S0312	.04150	9.1024	0.6	V
5006	30040.27	71 54N	52 25E	81.2	200.2	0.986	-16.30	56.8	S0312	.04150	8.9292	0.3	A
9001	29959.27	76 14N	62 40E	80.1	208.1	0.776	9.45	52.1	S0409	.09670	9.1199	0.4	V
9002	29962.07	76 10N	62 41E	81.0	207.8	0.776	9.45	52.1	S0409	.09670	8.9220	0.4	A
9003	30008.47	73 50N	54 53E	80.4	202.3	0.776	-16.10	55.0	S0409	.09670	9.0869	0.6	V
9004	30011.47	73 50N	54 52E	81.3	202.5	0.986	-16.45	55.0	S0409	.07190	8.9055	0.8	A
9005	30034.27	71 54N	52 26E	81.3	200.7	0.986	-16.80	56.8	S0409	.07190	8.8643	0.8	F
9006	30037.27	71 54N	52 25E	80.3	200.5	0.986	-16.80	56.8	S0409	.07190	9.1054	0.8	V
9007	30244.67	57 51N	42 39E	77.9	192.0	1.687	-17.15	49.8	S0409	.07190	9.2684	0.6	F
9008	30247.47	57 51N	42 38E	76.9	191.9	1.687	-17.15	49.8	S0409	.07190	9.5240	0.6	V
9009	30264.47	56 10N	43 11E	75.5	191.0	2.033	9.45	51.1	S0409	.07190	9.7054	0.6	V
9010	30267.27	56 14N	43 11E	76.4	191.0	2.033	9.80	51.1	S0409	.07190	9.4745	0.6	A
9011	30284.07	54 51N	43 17E	83.5	191.2	2.033	25.55	52.4	S0409	.07190	8.7418	0.8	V
9012	30287.27	54 50N	43 17E	84.8	191.1	1.810	26.25	52.4	S0409	.07190	8.5427	0.8	A
9013	30303.27	53 20N	41 45E	74.6	190.8	2.170	1.75	53.4	S0409	.07190	9.7054	1.0	F
9014	30304.67	53 20N	41 45E	74.6	190.7	2.170	2.45	53.4	S0409	.07190	9.7156	0.8	A
9015	30331.67	51 40N	39 19E	97.6	190.4	1.332	-41.30	54.5	S0409	.05410	7.3400	1.0	F
9016	30339.67	51 40N	39 15E	96.9	190.3	1.667	-41.30	54.5	S0409	.05410	7.4955	0.8	A
9017	30378.47	48 19N	40 11E	75.4	189.7	2.385	9.40	57.8	S0409	.07190	9.6147	0.8	F
9018	30383.87	48 19N	40 11E	75.5	189.6	2.385	9.10	57.8	S0409	.07190	9.5900	0.8	A
9019	30396.07	47 10N	38 53E	77.9	189.5	2.170	-20.30	58.4	S0409	.07190	9.2501	0.6	F
9020	30398.87	47 10N	38 53E	76.8	189.4	2.170	-19.95	58.4	S0409	.07190	9.5322	0.6	V
9021	30401.67	47 10N	38 53E	77.6	189.4	2.385	-19.95	58.4	S0409	.07190	9.3508	0.6	A
9022	30407.27	46 41N	38 13E	85.6	189.3	2.170	-33.25	58.6	S0409	.05410	8.5427	0.4	V
9023	30410.27	46 42N	38 14E	86.2	189.3	2.170	-32.90	58.6	S0409	.05410	8.4108	0.6	A
9024	30425.27	45 10N	38 48E	74.0	189.1	2.511	-5.25	60.1	S0409	.07190	9.7796	0.6	F
9025	30430.47	45 11N	38 48E	73.9	189.1	2.511	-4.55	60.1	S0409	.07190	9.8043	0.6	A
9026	30442.47	44 6N	39 5E	76.4	188.9	2.511	14.45	61.2	S0409	.09670	9.5982	0.4	V
9027	30445.27	44 6N	39 5E	77.4	188.9	2.511	14.70	61.2	S0409	.07190	9.3504	0.4	A
9028	30547.87	35 30N	35 46E	79.9	187.9	2.733	-25.90	66.3	S0409	.07190	9.1612	0.6	V
9029	30570.87	35 27N	35 46E	80.7	187.9	2.733	-25.55	66.3	S0409	.07190	9.0045	0.6	A
9030	30582.27	34 42N	36 41E	77.7	187.8	2.872	14.70	67.5	S0409	.05410	9.3013	0.6	A
9031	30592.27	34 42N	36 1E	74.4	187.7	3.090	-2.10	67.8	S0409	.07190	9.7301	0.6	F
9032	30595.07	34 41N	36 1E	73.6	187.7	3.090	-1.75	67.8	S0409	.07190	9.9610	0.6	V
9033	30604.87	32 50N	35 6E	83.2	187.6	2.733	-28.70	67.7	S0409	.04090	8.6746	0.6	F
9034	30607.87	32 50N	35 6E	82.0	187.6	2.733	-28.35	67.7	S0409	.04090	8.9385	0.4	V
9035	30610.67	32 54N	35 6E	82.7	187.6	2.733	-28.00	67.7	S0409	.04090	8.7301	0.6	A
9036	30614.67	32 50N	34 49E	86.6	187.6	2.511	-32.55	67.9	S0409	.05410	8.5118	0.6	F
9037	30617.67	32 50N	34 49E	85.3	187.6	2.511	-32.20	67.9	S0409	.05410	8.5439	0.4	V
9038	30621.67	31 50N	34 52E	82.6	187.5	2.733	-29.05	68.1	S0409	.04090	8.8643	0.3	B
9039	30624.67	31 50N	34 52E	83.3	187.5	2.733	-28.70	68.1	S0409	.04090	8.7139	0.3	A
9040	30630.47	31 7N	34 55E	79.2	187.5	2.872	-22.40	68.6	S0409	.05410	9.1034	0.4	F
9041	30633.27	31 7N	34 54E	78.0	187.5	2.872	-21.70	68.6	S0409	.05410	9.3920	0.4	V
9042	30634.07	31 7N	34 55E	78.8	187.5	3.090	-21.70	68.6	S0409	.05410	9.2106	0.4	A
9043	30640.27	30 20N	34 54E	77.3	187.4	3.090	-17.85	69.0	S0409	.05410	9.3426	0.4	F
9044	30643.07	30 20N	34 54E	76.3	187.4	3.090	-17.50	69.0	S0409	.07190	9.5902	0.4	V
9045	30652.47	29 54N	34 57E	75.5	187.4	3.090	-9.10	69.5	S0409	.07190	9.5817	0.3	F
9046	30657.87	29 54N	34 58E	75.4	187.4	3.211	-8.05	69.5	S0409	.07190	9.6064	0.3	A
1687 5001	35358.27	70 24N	31 8E	79.1	199.5	1.113	12.25	58.0	S0312	.05390	9.2596	0.6	V
5002	35364.67	69 39N	31 23E	87.4	199.1	1.332	25.55	58.7	S0312	.04150	8.2361	0.6	F
5003	35367.67	69 40N	31 23E	86.3	198.9	1.332	25.55	58.7	S0312	.04150	8.4840	0.6	V
5004	35602.27	54 10N	20 49E	82.9	191.0	1.810	23.40	52.4	S0312	.03150	8.7475	0.3	A
5005	35614.07	53 14N	20 44E	87.3	190.8	1.810	30.45	53.9	S0312	.03150	8.4098	0.6	V
5006	35617.27	53 14N	20 44E	88.7	190.7	1.810	30.80	53.9	S0312	.03150	8.1707	0.6	A
5007	35637.67	51 40N	17 49E	83.4	190.4	1.810	-28.70	54.6	S0312	.03150	8.6489	0.4	F
5008	35640.67	51 40N	17 49E	82.2	190.3	1.810	-28.35	54.6	S0312	.03150	8.9045	0.4	V
5009	35672.27	49 0N	14 55E	82.8	189.9	2.385	24.15	57.3	S0312	.03150	8.7726	0.8	F
5010	35675.27	49 0N	14 55E	81.9	189.8	2.170	24.50	57.3	S0312	.03150	8.9522	0.6	V
5011	35683.87	48 44N	14 33E	79.4	189.7	2.170	18.90	57.5	S0312	.03150	9.1554	0.6	A
5012	35699.27	47 14N	13 27E	85.7	189.5	2.385	27.65	58.9	S0312	.03150	8.4758	0.6	F
5013	35740.47	44 50N	15 50E	80.9	189.0	2.170	-27.65	60.1	S0312	.03150	9.0447	0.6	V
5014	35743.47	44 50N	15 50E	81.7	189.0	2.385	-27.65	60.1	S0312	.03150	8.9045	0.6	A
9001	35373.07	69 17N	31 13E	88.8	198.8	1.332	28.70	59.1	S0409	.05410	8.2459	0.8	V
9002	35376.27	69 17N	31 15E	90.2	198.4	1.113	29.40	59.1	S0409	.05410	8.0252	0.8	A

Handle via
BYEMAN Channels
BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1687 9003	35537.47	59 10N	22 32E	81.5	192.3	1.810	20.65	49.4	S0409	.07190	8.8973	0.6	F
9004	35551.47	57 20N	21 31E	76.1	192.0	2.033	7.35	50.0	S0409	.07190	9.5157	0.6	F
9005	35554.27	57 20N	21 31E	75.2	191.9	2.033	7.70	50.0	S0409	.07190	9.7384	0.4	V
9006	35556.87	57 24N	21 31E	76.1	191.9	2.033	8.05	50.0	S0409	.07190	9.5575	0.6	A
9007	35563.67	56 30N	21 3E	75.4	191.7	2.033	4.90	50.7	S0409	.07190	9.5382	0.6	F
9008	35566.47	56 34N	21 3E	74.6	191.7	2.033	5.25	50.7	S0409	.07190	9.8208	0.6	V
9009	35589.67	54 47N	20 35E	77.1	191.2	2.170	12.25	52.4	S0409	.07190	9.4003	1.0	F
9010	35593.47	54 43N	20 27E	75.5	191.1	2.170	10.15	52.4	S0409	.07190	9.7136	0.6	V
9011	35596.27	54 43N	20 27E	76.4	191.1	2.170	10.50	52.4	S0409	.07190	9.4745	0.6	A
9012	35606.27	53 48N	20 29E	79.5	190.9	2.033	19.95	53.3	S0409	.07190	9.2189	0.6	V
9013	35650.47	50 41N	18 41E	74.4	190.2	2.385	3.15	55.8	S0409	.07190	9.7301	0.6	F
9014	35654.67	50 44N	18 37E	74.6	190.1	2.385	4.20	56.0	S0409	.07190	9.7136	0.6	F
9015	35660.07	50 44N	18 37E	74.6	190.0	2.385	4.90	56.0	S0409	.07190	9.7054	0.6	A
9016	35667.27	49 51N	19 3E	81.2	189.8	2.170	22.05	56.7	S0409	.07190	8.9055	0.6	A
9017	35675.27	49 0N	18 54E	81.9	189.6	2.170	24.50	57.3	S0409	.07190	8.9633	0.6	V
9018	35678.27	49 0N	18 55E	83.1	189.6	2.170	24.85	57.3	S0409	.07190	8.7076	0.6	A
9019	35683.87	48 44N	18 33E	79.3	189.7	2.170	18.90	57.5	S0409	.07190	9.1364	0.6	A
9020	35687.27	48 40N	18 28E	79.0	189.7	2.170	20.30	57.9	S0409	.07190	9.2931	0.6	V
9021	35690.27	48 37N	18 28E	80.1	189.6	2.170	20.65	57.9	S0409	.07190	9.0475	0.6	A
9022	35708.87	46 44N	17 10E	73.8	189.4	2.511	-4.20	58.9	S0409	.07190	9.7461	1.0	F
9023	35714.27	46 40N	17 10E	73.8	189.3	2.511	-3.50	58.9	S0409	.07190	9.8126	0.6	A
9024	35720.67	45 56N	16 50E	74.1	189.3	2.511	-7.35	59.5	S0409	.07190	9.7661	0.6	F
9025	35723.47	45 55N	16 50E	73.2	189.2	2.511	-7.00	59.5	S0409	.07190	10.0105	0.4	V
9026	35731.07	45 27N	16 18E	76.3	189.1	2.385	-19.25	59.7	S0409	.07190	9.6064	0.6	V
9027	35733.87	45 20N	16 18E	77.0	189.1	2.385	-18.90	59.7	S0409	.07190	9.4250	0.4	A
9028	35754.87	43 04N	16 26E	74.1	188.9	2.733	1.40	61.4	S0409	.09670	9.7796	0.4	F
9029	35760.27	43 00N	16 26E	74.1	188.8	2.733	2.10	61.4	S0409	.09670	9.7714	0.6	A
9030	35914.07	32 51N	13 27E	74.6	187.6	2.872	-11.90	68.0	S0409	.07190	9.8126	0.4	V
9031	35916.67	32 51N	13 27E	75.5	187.6	3.090	-11.90	68.0	S0409	.07190	9.5982	0.4	A
9032	36003.67	26 04N	13 10E	85.9	187.2	2.733	26.60	71.2	S0409	.03090	8.5180	0.4	V
9033	36006.67	26 03N	13 10E	87.4	187.2	2.511	27.30	71.2	S0409	.03090	8.2459	0.6	A
9034	36246.87	3 57N	8 52E	83.6	186.0	3.439	-20.65	67.4	S0409	.05410	8.7406	1.4	V
1688 5001	40991.26	43 20N	4 29W	74.0	189.7	2.385	-5.60	57.6	S0312	.04150	9.7785	0.6	F
5002	40996.46	43 21N	4 29W	74.0	189.6	2.385	-4.90	57.6	S0312	.04150	9.7032	0.6	A
9001	41509.46	12 33N	12 7W	80.8	186.6	3.439	5.25	69.2	S0409	.05410	8.9466	1.0	F
9002	41516.06	12 30N	12 13W	80.6	186.6	3.439	2.80	69.1	S0409	.05410	8.9503	0.6	A
1689 9001	46438.26	38 52N	28 43W	77.2	188.2	2.733	14.00	65.1	S0409	.07190	9.3320	0.6	F
9002	47168.66	11 10S	38 35W	93.5	186.0	3.439	-2.10	52.3	S0409	.05410	7.6459	1.0	A
9003	47193.06	13 00S	39 6W	95.3	186.6	3.439	-12.25	50.9	S0409	.05410	7.5120	0.6	F
9004	47198.06	13 00S	39 39W	102.3	186.6	3.439	-27.40	50.4	S0409	.05410	7.0745	0.4	V
9005	47199.86	13 00S	39 4W	95.2	186.6	3.439	-5.60	50.4	S0409	.05410	7.4955	1.0	A
9006	47209.46	13 00S	40 4W	111.3	186.6	3.439	-33.95	49.5	S0409	.05410	6.4400	1.0	A
9007	47244.06	16 09S	40 41W	119.0	186.7	3.439	-38.15	47.3	S0409	.05410	6.0194	0.6	A
9008	47262.06	17 07S	39 15W	103.1	186.7	2.872	14.35	47.0	S0409	.05410	6.6955	1.0	A
1690 5001	52810.86	34 51S	63 47W	136.1	187.8	2.033	32.20	31.6	S0312	.03150	5.2555	1.0	F
5002	53025.86	49 52S	67 44W	134.4	189.7	1.687	20.65	18.5	S0312	.04150	5.2107	1.0	A
9001	52211.66	6 17N	57 29W	83.4	186.3	3.439	3.85	65.8	S0409	.05410	9.6582	1.0	F
9002	52217.66	6 18N	57 21W	85.3	186.5	3.211	10.15	65.9	S0409	.05410	8.4108	0.6	A
9003	52222.86	5 54N	57 8W	90.9	186.4	2.872	20.65	65.9	S0409	.05410	7.3630	0.6	A
9004	52248.06	4 4N	56 36W	89.2	186.4	3.439	-24.85	65.8	S0409	.05410	8.1454	1.0	V
9005	52543.26	16 40S	69 20W	124.2	186.7	2.385	35.70	48.3	S0409	.04090	5.7485	0.6	F
9006	52559.46	17 43S	63 0W	119.4	186.7	3.211	-37.80	46.2	S0409	.05410	5.9617	1.0	F
9007	52554.86	17 10S	63 13W	128.0	186.7	3.439	-42.70	46.3	S0409	.04090	5.6154	1.0	A
9008	52580.06	19 42S	62 17W	98.4	186.8	3.439	-10.95	45.6	S0409	.05410	7.4383	1.0	V
9009	52626.66	22 0S	62 49W	101.5	186.9	3.439	-7.35	42.6	S0409	.05410	7.0837	1.0	F
9010	52643.06	23 14S	63 14W	103.7	187.0	3.439	-13.30	41.5	S0409	.05410	6.8770	1.0	F
9011	52650.06	23 20S	63 54W	113.9	187.0	3.211	-30.10	41.1	S0409	.05410	6.3245	0.6	V
9012	52654.86	23 60S	64 0W	115.5	187.0	3.211	-30.10	40.5	S0409	.05410	6.1514	0.6	F
9013	52660.26	24 22S	63 60W	113.7	187.0	3.211	-28.00	40.2	S0409	.05410	6.2421	1.0	F
9014	52664.66	24 39S	64 13W	118.0	187.0	3.211	-31.35	39.9	S0409	.05410	6.0112	0.6	F
9015	52670.06	25 1S	64 17W	118.1	187.1	3.090	-31.50	39.6	S0409	.05410	6.0112	1.4	F
9016	52677.26	25 12S	64 27W	120.0	187.1	3.211	-33.35	39.3	S0409	.05410	5.9947	0.6	V
9017	52681.06	25 10S	64 23W	119.3	187.1	3.439	-32.20	39.4	S0409	.05410	5.9782	1.0	A
9018	52691.66	26 37S	63 10W	107.2	187.2	3.090	8.75	38.8	S0409	.05410	6.6544	1.0	F
9019	52694.66	26 43S	63 13W	107.3	187.2	3.090	8.40	38.6	S0409	.05410	6.6544	1.0	F
9020	52700.06	27 14S	62 58W	112.7	187.2	2.872	17.50	38.4	S0409	.05410	6.3328	1.0	F
9021	52710.26	27 60S	63 25W	107.5	187.2	2.872	6.65	38.1	S0409	.05410	6.5402	1.0	A
9022	52748.66	30 10S	66 15W	147.5	187.4	2.511	-44.80	34.3	S0409	.04090	4.7925	0.4	F
9023	52754.06	30 10S	66 16W	145.7	187.4	2.733	-44.80	34.3	S0409	.04090	4.9310	0.4	V
9024	52766.46	31 24S	64 15W	109.1	187.5	2.872	6.30	34.3	S0409	.05410	6.5384	0.6	V
9025	52770.66	31 20S	64 15W	110.7	187.5	2.872	6.65	34.3	S0409	.05410	6.3823	0.6	A
9026	52779.26	32 12S	64 26W	109.6	187.6	2.872	5.95	33.6	S0409	.05410	6.5554	0.6	V
9027	52782.46	32 10S	64 26W	111.3	187.6	2.872	6.30	33.6	S0409	.05410	6.3493	0.6	A
9028	52809.26	34 40S	63 45W	136.0	187.8	2.033	32.20	31.7	S0409	.05410	5.2561	1.0	F
9029	52819.26	34 59S	64 14W	124.5	187.8	2.170	24.50	31.3	S0409	.05410	5.7658	0.6	V
9030	52824.06	35 6S	64 42W	117.8	187.9	2.385	14.70	31.1	S0409	.05410	5.9782	0.6	A
9031	52832.66	36 14S	65 5W	116.0	187.9	2.733	10.50	30.0	S0409	.05410	6.1266	0.6	F
9032	52833.06	36 30S	65 26W	113.9	187.9	2.733	4.20	29.5	S0409	.07190	6.2558	1.0	F
9033	52842.46	36 10S	65 31W	113.7	188.0	2.733	1.40	29.8	S0409	.05410	6.2008	1.0	A
9034	52847.46	36 30S	65 21W	115.5	188.0	2.733	7.35	29.5	S0409	.05410	6.1919	0.6	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1690 9035	53067.26	51 34S	69 18W	127.7	190.3	2.033	10.15	15.4	S0409	.07190	5.5659	1.0	V
9036	53072.06	51 34S	69 17W	129.8	190.4	1.810	10.85	15.4	S0409	.07190	5.3827	1.0	A
9037	53085.46	52 06S	70 51W	127.6	190.5	2.170	-7.35	13.7	S0409	.09670	5.5164	1.0	F
9038	53088.06	53 0S	70 56W	127.7	190.6	2.170	-7.35	13.5	S0409	.09670	5.5082	0.6	F
9039	53091.86	53 0S	70 51W	126.3	190.7	2.170	-6.30	13.6	S0409	.09670	5.6515	1.0	V
9040	53097.46	53 0S	70 54W	128.3	190.8	2.170	-6.65	13.6	S0409	.09670	5.4670	0.6	A
1691 5001	57352.25	17 55N	77 7W	85.2	186.7	2.872	20.30	71.2	S0312	.03150	8.4675	0.6	A
5002	57656.05	3 31S	A0 22W	109.7	186.4	2.733	33.25	59.4	S0312	.02260	6.5959	0.8	F
5003	57665.85	3 36S	A0 40W	102.1	186.4	2.733	26.60	59.1	S0312	.03150	8.9999	0.8	A
9001	57293.85	21 41N	77 10W	77.6	186.9	3.211	-11.20	70.9	S0409	.05410	9.6178	3.2	F
9002	57299.45	21 37N	77 11W	77.5	186.9	3.439	-10.50	70.9	S0409	.05410	9.3343	3.0	A
9003	57311.65	20 41N	77 5W	77.6	186.8	3.211	3.15	71.2	S0409	.05410	9.3343	1.6	F
9004	57317.25	20 41N	77 5W	77.9	186.8	3.211	4.20	71.2	S0409	.05410	9.2684	1.6	A
9005	57338.85	18 25N	77 7W	82.6	186.8	3.211	16.10	71.2	S0409	.07190	8.7983	0.4	F
9006	57345.25	18 25N	77 6W	84.7	186.8	2.872	19.95	71.3	S0409	.05410	8.5097	0.6	A
9007	57476.85	9 50N	79 32W	82.9	186.5	3.439	-14.00	67.0	S0409	.05410	8.7076	0.6	F
9008	57479.85	9 50N	79 32W	81.8	186.5	3.439	-13.30	67.0	S0409	.05410	8.9220	0.6	V
9009	57489.45	8 17N	79 6W	83.0	186.5	3.211	9.45	67.1	S0409	.05410	8.7401	1.0	V
9010	57635.45	2 10S	79 53W	118.9	186.4	2.511	39.55	60.6	S0409	.04090	6.1919	0.6	F
9011	57639.65	2 10S	79 53W	118.4	186.4	2.170	40.25	60.7	S0409	.04090	6.1514	0.6	V
9012	57645.45	2 31S	A0 22W	102.7	186.4	2.733	29.40	60.1	S0409	.05410	7.8749	0.6	V
9013	57650.65	3 14S	79 54W	123.5	186.4	2.511	41.30	59.9	S0409	.04090	5.8710	0.6	F
9014	57660.85	3 30S	A0 29W	105.6	186.4	2.511	31.15	59.3	S0409	.05410	6.8935	0.6	V
1692 5001	62343.85	39 1N	95 13W	74.2	188.3	2.872	3.15	64.6	S0312	.04150	9.7785	0.6	F
5002	62349.05	39 2N	95 13W	74.4	188.2	2.872	3.85	64.6	S0312	.04150	9.7537	0.8	A
5003	62398.85	35 10N	96 13W	74.1	187.9	2.872	-1.05	66.9	S0312	.04150	9.7785	0.8	F
5004	62404.25	35 10N	96 13W	74.3	187.8	2.872	0.00	66.9	S0312	.04150	9.7620	0.6	A
5005	62433.85	32 52N	96 51W	74.5	187.6	3.090	-4.90	68.1	S0312	.03150	9.7290	0.6	F
5006	62439.25	32 52N	96 51W	74.5	187.6	3.090	-3.85	68.1	S0312	.03150	9.7270	0.6	A
9001	62343.65	39 2N	95 12W	74.3	188.3	2.872	3.15	64.6	S0409	.05410	9.7796	0.4	F
9002	62349.05	39 2N	95 13W	74.3	188.2	2.872	3.85	64.6	S0409	.05410	9.7549	0.6	A
9003	62398.85	35 10N	96 13W	74.2	187.9	2.872	-1.05	66.9	S0409	.05410	9.7796	0.6	F
9004	62404.25	35 10N	96 13W	74.2	187.8	2.872	0.00	66.9	S0409	.05410	9.7631	0.6	A
9005	62433.85	32 51N	96 51W	74.5	187.6	3.090	-4.90	68.1	S0409	.07190	9.7301	0.6	F
9006	62439.25	32 51N	96 51W	74.5	187.6	3.090	-3.85	68.1	S0409	.07190	9.7301	0.6	A
9007	62535.45	26 5N	98 15W	74.9	187.1	3.090	-3.50	70.6	S0409	.07190	9.7479	0.4	V
9008	62538.25	26 4N	98 15W	75.8	187.1	3.090	-2.80	70.6	S0409	.07190	9.5487	0.4	A
9009	62589.25	22 10N	98 10W	77.3	186.9	3.090	-10.85	70.8	S0409	.05410	9.5508	1.0	F
9010	62607.05	20 50N	98 9W	82.1	186.9	3.090	-24.85	70.6	S0409	.05410	8.7301	1.0	F
9011	62620.85	19 54N	98 56W	80.8	186.8	3.090	16.10	71.4	S0409	.05410	9.9362	0.6	F
9012	62629.25	19 25N	98 41W	76.9	186.8	3.439	-10.85	70.8	S0409	.05410	9.4256	0.8	F
9013	62633.65	19 10N	98 40W	75.7	186.8	3.211	-8.40	70.8	S0409	.07190	9.6807	0.4	V
9014	62636.45	19 1N	98 40W	76.5	186.8	3.439	-6.85	70.8	S0409	.05410	9.4569	0.4	A
9015	62646.65	18 42N	98 31W	77.3	186.8	3.211	4.55	71.0	S0409	.05410	9.4563	0.4	V
9016	62649.45	18 42N	98 32W	78.4	186.7	3.211	4.90	71.0	S0409	.05410	9.2106	0.4	A
9017	62668.25	16 50N	98 54W	77.6	186.7	3.439	0.00	70.6	S0409	.05410	9.4250	0.6	V
9018	62671.05	16 50N	98 54W	78.7	186.7	3.439	0.35	70.6	S0409	.05410	9.1777	0.6	A
1693 9001	67718.45	34 14S	110 10W	76.6	187.5	2.872	14.30	67.7	S0409	.05410	9.5735	7.2	V
1697 5001	2054.84	69 5N	166 34E	77.7	197.3	1.332	-4.90	40.8	S0312	.04150	9.3003	0.8	F
5002	2060.44	69 5N	166 34E	77.6	197.2	1.332	-4.55	40.8	S0312	.04150	9.3415	0.8	A
9001	2054.84	69 5N	166 34E	77.8	197.3	1.332	-4.90	40.8	S0409	.07190	9.3013	0.8	F
9002	2060.44	69 5N	166 34E	77.6	197.2	1.332	-4.55	40.8	S0409	.07190	9.3426	0.8	A
9003	2213.24	57 49N	161 33E	87.9	192.0	1.687	30.10	50.0	S0409	.05410	8.3531	0.6	V
9004	2216.44	57 49N	161 33E	89.1	191.9	1.687	30.45	50.0	S0409	.05410	8.1139	0.6	A
9005	2230.94	56 18N	160 50E	85.2	191.6	1.810	27.30	51.0	S0409	.05410	8.6169	0.8	V
9006	2233.94	56 19N	160 51E	86.4	191.6	1.810	27.65	51.0	S0409	.05410	8.3695	0.6	A
9007	2282.24	52 06N	158 30E	73.0	190.7	2.170	6.30	53.8	S0409	.07190	10.0435	0.4	V
9008	2284.84	52 06N	158 31E	73.9	190.6	2.170	6.65	53.8	S0409	.07190	9.8043	0.4	A
9009	3574.44	35 2S	138 31E	131.0	187.9	3.090	-32.20	60.4	S0409	.05410	9.4175	0.6	A
1698 9001	7655.83	48 56N	135 2E	75.5	189.7	2.385	11.20	57.4	S0409	.09670	9.7136	0.6	V
9002	7658.63	48 56N	135 2E	76.4	189.7	2.385	11.55	57.4	S0409	.09670	9.4745	0.6	A
9003	7664.23	48 12N	135 2E	77.7	189.6	2.385	15.05	57.8	S0409	.07190	9.3178	0.8	A
9004	7697.43	45 56N	132 31E	89.6	189.2	2.033	-37.10	59.0	S0409	.04090	8.1716	1.0	V
9005	7721.63	44 11N	132 54E	74.7	188.9	2.511	-14.70	60.6	S0409	.07190	9.8126	0.6	V
9006	7724.43	44 11N	132 54E	75.4	188.9	2.511	-14.35	60.6	S0409	.07190	9.6147	0.6	A
9007	7738.03	43 52N	132 32E	75.0	188.8	2.511	-15.40	61.6	S0409	.07190	9.5240	0.4	F
9008	7742.23	43 47N	132 21E	76.6	188.7	2.511	-19.95	61.6	S0409	.09670	9.5570	0.4	V
9009	7745.03	43 47N	132 21E	77.4	188.7	2.511	-14.60	61.6	S0409	.07190	9.3756	0.4	A
1699 5001	13110.83	33 49N	110 24E	80.0	188.2	2.511	20.30	64.9	S0312	.03150	9.0611	0.6	A
5002	13169.03	34 40N	108 58E	74.1	187.3	2.872	5.25	67.2	S0312	.03150	9.9021	0.6	V
5003	13171.83	34 40N	108 58E	75.0	187.3	2.872	5.60	67.2	S0312	.03150	9.6530	0.4	A
5004	13174.83	34 40N	108 55E	74.4	187.3	2.872	6.65	67.5	S0312	.03150	9.8027	0.6	V
5005	13177.63	34 40N	108 55E	75.3	187.2	2.872	6.65	67.5	S0312	.03150	9.6218	0.4	A

Handle via
BYEMAN Channels
BYE-8915/84

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4354 COMMAND INFORMATION

REV	FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	POLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1699	5006	13173.23	34 9N	109 53E	75.3	187.7	2.872	6.65	67.5	S0312	.03150	9.6301	0.6	A
	5007	13247.63	26 24N	106 16E	85.4	187.2	2.733	-31.15	69.9	S0312	.03150	8.4345	0.6	F
	5008	13290.63	26 24N	106 16E	84.2	187.2	2.733	-30.60	69.9	S0312	.03150	8.6901	0.8	V
	5009	13331.03	23 2ON	106 35E	76.6	187.0	3.211	3.85	71.1	S0312	.03150	9.4652	0.4	F
	5010	13340.23	23 0N	106 30E	76.8	187.0	3.211	3.50	71.2	S0312	.03150	9.4239	0.6	A
	5011	13347.63	22 0N	106 45E	82.7	186.9	3.090	18.90	71.6	S0312	.03150	8.7726	1.0	F
	5012	13349.63	21 59N	106 43E	82.6	186.9	3.090	18.90	71.6	S0312	.03150	8.7808	1.0	F
	5013	13363.03	21 9N	105 53E	77.2	186.9	3.439	-8.05	71.0	S0312	.03150	9.3580	2.2	F
	5014	13369.63	21 9N	105 53E	77.3	186.9	3.439	-7.00	71.0	S0312	.03150	9.3580	2.2	A
	9001	12914.63	51 59N	113 4E	76.7	190.5	2.033	-17.15	54.3	S0409	.05410	9.4085	0.6	F
	9002	12917.43	51 59N	113 5E	75.7	190.4	2.033	-16.80	54.3	S0409	.05410	9.6807	0.4	V
	9003	13079.43	40 42N	109 55E	74.8	188.5	2.733	-13.65	63.1	S0409	.07190	9.6724	0.6	F
	9004	13082.23	40 41N	109 55E	73.9	188.5	2.733	-13.30	63.2	S0409	.07190	9.9363	0.6	V
	9005	13162.03	34 50N	108 58E	74.6	187.8	3.090	1.40	67.0	S0409	.05410	9.7136	0.6	F
	9006	13164.83	34 50N	108 57E	73.7	187.8	2.872	1.75	67.0	S0409	.05410	9.9445	0.6	V
	9007	13174.83	34 48N	108 55E	74.4	187.8	2.872	6.65	67.5	S0409	.07190	9.8558	0.6	V
	9008	13177.63	34 47N	108 55E	75.3	187.7	2.872	6.65	67.5	S0409	.07190	9.6229	0.6	A
	9009	13205.63	31 59N	108 11E	74.3	187.6	3.090	-2.80	68.5	S0409	.07190	9.7466	0.6	F
	9010	13211.03	31 59N	108 11E	74.3	187.5	3.090	-2.10	68.5	S0409	.07190	9.7354	0.4	A
	9011	13281.23	29 48N	107 19E	76.6	187.4	3.090	-17.85	69.2	S0409	.07190	9.5570	0.4	V
	9012	13284.03	29 48N	107 19E	77.4	187.4	3.090	-17.50	69.2	S0409	.07190	9.3673	0.4	A
	9013	13266.23	28 4N	107 8E	74.8	187.3	3.090	-11.55	69.9	S0409	.07190	9.7870	0.6	V
	9014	13269.03	28 4N	107 7E	75.6	187.3	3.090	-11.20	69.9	S0409	.07190	9.5755	0.6	A
	9015	13273.63	27 42N	106 47E	78.7	187.2	3.090	-19.60	69.9	S0409	.05410	9.1694	0.6	F
	9016	13277.43	27 40N	106 50E	76.4	187.2	3.090	-17.15	70.0	S0409	.07190	9.4917	0.6	V
	9017	13280.23	27 40N	106 49E	77.3	187.2	3.090	-17.15	70.0	S0409	.05410	9.3756	0.6	A
	9018	13290.63	26 24N	106 16E	84.2	187.2	2.733	-30.80	69.9	S0409	.05410	8.6911	0.6	V
	9019	13293.63	26 24N	106 16E	84.7	187.1	3.090	-30.45	69.9	S0409	.05410	8.5767	0.6	A
	9020	13335.83	23 12N	105 24E	75.2	187.0	3.211	-2.45	71.0	S0409	.07190	9.7219	0.6	V
	9021	13354.23	21 52N	105 47E	84.1	186.9	2.872	22.40	71.7	S0409	.04090	8.7076	0.6	V
	9022	13363.23	21 0N	105 53E	77.2	186.9	3.439	-8.05	71.0	S0409	.05410	9.3591	1.6	F
	9023	13369.83	21 4N	105 52E	77.2	186.9	3.439	-7.00	71.0	S0409	.05410	9.3591	0.6	A
	9024	13378.23	20 27N	106 11E	79.6	186.8	3.211	10.50	71.3	S0409	.05410	9.0622	0.6	A
	9025	13513.03	11 10N	104 2E	81.1	186.5	3.574	-4.10	68.3	S0409	.05410	8.8890	0.6	A
	9026	13523.83	10 48N	104 1E	81.1	186.5	3.439	-1.75	67.9	S0409	.05410	8.8973	0.4	F
	9027	13529.63	10 3N	104 3E	81.4	186.5	3.439	0.00	67.9	S0409	.04090	8.8396	0.8	A
	9028	13594.23	5 44N	103 7E	82.5	186.4	3.439	-5.25	65.1	S0409	.05410	8.4513	0.6	V
	9029	13598.03	5 24N	103 8E	83.6	186.4	3.439	-3.50	65.1	S0409	.05410	8.6004	0.4	A
	9030	13605.63	4 50N	103 25E	86.8	186.4	3.211	11.55	65.1	S0409	.05410	8.2623	0.6	A
	9031	13636.83	2 10N	103 15E	86.1	186.4	3.574	-18.55	62.8	S0409	.05410	8.1551	0.8	F
	9032	13645.63	2 0N	103 34E	86.3	186.4	3.574	-5.60	62.9	S0409	.05410	8.4108	1.0	A
	9033	13655.43	1 46N	103 1E	90.1	186.4	3.574	-21.35	62.1	S0409	.05410	7.9320	0.4	A
	9034	13664.63	0 49N	102 4E	87.9	186.4	3.574	-15.05	61.8	S0409	.05410	8.1759	0.6	A
1700	5001	18155.03	56 37N	93 13E	75.1	191.7	2.033	-4.90	50.4	S0312	.04150	9.6593	2.0	F
	5002	18159.23	56 34N	93 10E	74.2	191.6	2.033	-4.90	50.5	S0312	.04150	9.8774	0.4	V
	5003	18169.23	56 28N	92 52E	75.2	191.4	2.033	-7.00	50.9	S0312	.04150	9.6465	0.6	A
	5004	18196.83	53 54N	91 18E	80.9	190.9	1.810	-24.50	52.7	S0312	.03150	8.9127	0.4	F
	5005	18338.23	44 14N	83 0E	86.2	189.0	2.033	-33.25	60.3	S0312	.02260	8.3686	1.0	F
	5006	18341.43	44 11N	83 0E	84.9	188.9	2.033	-32.90	60.3	S0312	.02260	8.6624	0.8	V
	5007	18351.63	43 42N	82 50E	86.5	188.8	2.170	-33.95	60.7	S0312	.02260	8.4015	0.4	A
	5008	18391.03	40 46N	82 14E	82.3	188.5	2.335	-30.80	62.8	S0312	.03150	8.8368	0.4	V
	5009	18394.03	40 46N	82 14E	83.5	188.4	2.385	-30.45	62.8	S0312	.03150	8.7066	0.4	A
	9001	18050.23	63 48N	97 33E	76.3	194.6	1.475	6.65	44.0	S0409	.07190	9.8362	0.6	V
	9002	18053.03	63 46N	97 33E	77.2	194.5	1.475	7.00	44.0	S0409	.07190	9.6756	0.6	A
	9003	18137.03	57 50N	93 7E	79.4	192.1	1.687	-19.95	49.2	S0409	.05410	9.0952	0.8	F
	9004	18142.63	57 34N	93 0E	78.9	192.0	1.810	-19.25	49.2	S0409	.05410	9.1941	0.8	A
	9005	18162.83	56 0N	92 54E	75.3	191.6	2.033	-7.35	50.9	S0409	.05410	9.5382	1.2	F
	9006	18169.23	56 0N	92 53E	75.1	191.5	2.033	-7.00	50.9	S0409	.05410	9.6477	1.2	A
	9007	18341.43	44 14N	83 60E	84.8	188.9	2.033	-32.90	60.3	S0409	.05410	8.6534	0.8	V
	9008	18344.43	44 14N	83 0E	85.5	188.9	2.033	-32.55	60.3	S0409	.05410	8.4952	0.8	A
	9009	18374.43	41 57N	82 28E	73.5	188.6	2.733	1.40	62.7	S0409	.05410	9.8621	0.4	F
	9010	18377.03	41 57N	82 28E	72.6	188.5	2.733	1.75	62.7	S0409	.05410	10.0960	0.4	V
	9011	18379.43	41 27N	82 25E	72.4	188.5	2.733	1.75	62.8	S0409	.05410	10.1259	0.4	V
	9012	18382.03	41 26N	82 25E	73.3	188.4	2.733	2.10	62.8	S0409	.05410	9.8868	0.4	A
	9013	18391.03	40 46N	82 14E	82.9	188.5	2.385	-30.80	62.8	S0409	.05410	8.8346	0.4	V
	9014	18394.03	40 46N	82 14E	83.5	188.4	2.385	-30.45	62.8	S0409	.05410	8.7076	0.4	A
	9015	18710.43	18 40N	62 50E	83.7	185.3	3.090	-26.60	70.3	S0409	.05410	8.7406	0.4	V
	9016	18713.43	18 40N	62 50E	84.3	185.4	3.090	-25.90	70.3	S0409	.05410	8.6084	0.4	A
	9017	18721.63	17 43N	62 16E	78.2	185.7	3.439	-2.10	70.7	S0409	.07190	9.2436	0.8	F
	9018	18727.23	17 43N	62 17E	79.4	185.7	3.439	-1.05	70.7	S0409	.07190	9.2106	0.8	A
1701	5001	23410.43	60 36N	72 51E	76.0	193.0	1.687	-7.35	46.9	S0312	.04150	9.5476	0.6	A
	5002	23490.03	54 50N	69 11E	87.5	191.2	1.475	-32.55	51.7	S0312	.03150	8.2202	1.0	F
	5003	23496.43	54 54N	69 11E	86.9	191.1	1.687	-32.20	51.7	S0312	.03150	8.3521	0.8	A
	5004	23534.43	51 52N	68 23E	82.4	190.4	1.810	-27.30	54.3	S0312	.03150	8.7478	0.8	F
	5005	23667.03	42 49N	67 27E	83.3	188.3	2.385	25.90	62.1	S0312	.02260	8.8056	1.0	V
	5006	23670.23	42 48N	67 26E	84.6	188.3	2.385	26.25	62.1	S0312	.02260	8.5582	1.0	A
	9001	23490.03	54 50N	69 11E	87.6	191.2	1.475	-32.55	51.7	S0409	.07190	8.2211	0.6	F
	9002	23496.23	54 50N	69 11E	86.9	191.1	1.687	-32.20	51.7	S0409	.07190	8.3531	0.6	A
	9003	23553.43	50 30N	68 20E	77.0	190.1	2.033	-17.50	55.5	S0409	.07190	9.3468	0.8	F
	9004	23558.83	50 33N	68 21E	76.6	190.0	2.170	-16.80	55.5	S0409	.07190	9.4663	1.0	A
	9005	23582.43	47 52N	67 36E	75.7	189.5	2.385	-10.70	57.7	S0409	.05410	9.5487	0.4	F

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1701 9006	23595.02	47 05N	67 36E	74.7	189.6	2.385	-14.35	57.7	S0409	.0541U	9.8408	0.6	V
9007	23597.82	47 02N	67 36E	75.4	189.5	2.385	-14.00	57.7	S0409	.0541U	9.6229	0.4	A
9008	23621.62	45 47N	67 50E	76.4	189.2	2.511	11.90	59.6	S0409	.0719U	9.4992	0.8	F
9009	23627.22	45 44N	67 50E	76.5	189.2	2.385	12.60	59.7	S0409	.0719U	9.4580	0.8	A
9010	23641.22	44 36N	66 16E	80.8	189.0	2.170	-25.90	60.1	S0409	.0541U	8.9220	1.4	F
9011	23647.02	44 33N	66 15E	80.4	189.0	2.385	-25.55	60.1	S0409	.0541U	9.0375	1.4	A
9012	23705.42	40 08N	65 21E	77.4	188.4	2.511	-19.60	63.4	S0409	.0541U	9.3343	0.8	F
9013	23711.02	40 05N	65 20E	77.1	188.4	2.733	-19.25	63.4	S0409	.0541U	9.4250	0.8	A
9014	23722.82	39 58N	65 2E	77.7	188.3	2.511	-20.30	64.2	S0409	.0541U	9.2849	1.0	F
9015	23728.42	39 55N	65 2E	77.3	188.2	2.733	-19.60	64.2	S0409	.0541U	9.3920	0.8	A
1702 9001	28665.22	63 37N	54 0E	82.8	194.7	1.687	20.65	44.2	S0312	.0415U	8.7545	0.8	F
9002	28672.02	63 33N	53 44E	80.6	194.4	1.475	17.15	44.3	S0312	.0415U	8.9869	0.4	A
9003	28819.22	53 40N	46 51E	81.9	190.8	1.810	-27.65	52.8	S0312	.0315U	8.9375	0.6	V
9004	28822.22	53 39N	46 51E	82.6	190.8	1.810	-27.30	52.8	S0312	.0315U	8.7973	0.6	A
9005	28840.22	53 29N	46 38E	87.2	190.5	1.687	-32.90	54.1	S0312	.0315U	8.2696	0.6	F
9006	28843.42	53 27N	46 40E	85.9	190.4	1.687	-32.55	54.1	S0312	.0315U	8.5535	0.4	V
9007	28847.62	53 24N	46 57E	85.9	190.3	1.687	-31.50	54.5	S0312	.0315U	8.3733	0.6	F
9008	28850.62	53 22N	46 58E	84.6	190.3	1.687	-31.15	54.5	S0312	.0315U	8.6671	1.2	V
9001	28784.42	55 50N	49 3E	74.6	191.5	2.033	4.90	51.1	S0409	.0719U	9.8291	0.6	V
9002	28787.22	55 48N	49 3E	75.5	191.4	2.033	5.25	51.1	S0409	.0719U	9.6064	0.8	A
9003	28805.02	54 49N	48 25E	74.1	191.1	2.033	3.50	52.3	S0409	.0719U	9.8951	2.2	V
9004	28809.42	54 46N	48 22E	75.0	191.0	2.033	3.85	52.4	S0409	.0719U	9.6642	1.8	A
9005	28866.62	50 51N	46 54E	75.2	190.1	2.385	5.95	56.1	S0409	.0719U	9.6477	1.8	F
9006	28871.62	50 48N	46 56E	75.2	190.0	2.385	6.65	56.1	S0409	.0719U	9.6512	4.8	A
9007	28883.22	50 41N	46 47E	79.3	189.7	2.385	17.85	57.5	S0409	.0719U	9.1612	4.8	F
9008	28896.22	50 33N	46 42E	78.5	189.6	2.385	16.20	57.7	S0409	.0719U	9.3508	1.6	V
9009	28914.62	46 50N	44 58E	78.5	189.4	2.170	-21.35	58.4	S0409	.0719U	9.1791	0.8	F
9010	28920.22	46 50N	44 58E	78.2	189.3	2.385	-21.00	58.4	S0409	.0719U	9.2951	1.0	A
9011	28957.42	43 58N	44 42E	74.0	188.9	2.511	-3.85	60.9	S0409	.0409U	9.7879	0.6	F
9012	28960.22	43 58N	44 42E	73.1	188.9	2.511	-3.50	60.9	S0409	.0409U	10.0852	0.4	V
9013	28962.82	43 56N	44 42E	73.9	188.9	2.511	-3.15	60.9	S0409	.0409U	9.8043	0.4	A
9014	28982.62	41 50N	45 33E	95.1	188.7	2.385	36.05	62.9	S0409	.0869U	7.6604	0.8	F
9015	28988.62	41 47N	44 53E	81.4	188.6	2.511	22.05	62.9	S0409	.0409U	8.9303	0.6	F
9016	28991.42	41 42N	44 53E	80.7	188.6	2.511	22.40	62.9	S0409	.0409U	9.1084	0.6	V
9017	28994.42	41 42N	44 53E	81.9	188.5	2.511	22.75	62.9	S0409	.0409U	8.8496	0.6	A
9018	28999.42	40 50N	44 24E	76.0	188.5	2.733	12.60	63.2	S0409	.0719U	9.5570	0.4	F
9019	29002.22	40 50N	44 24E	75.2	188.5	2.733	12.95	63.2	S0409	.0719U	9.7049	0.4	V
9020	29010.82	40 48N	44 9E	75.9	188.4	2.733	11.20	63.8	S0409	.0719U	9.5652	1.0	F
9021	29016.22	40 45N	44 10E	75.2	188.4	2.733	12.25	63.8	S0409	.0719U	9.4910	1.0	A
9022	29415.42	12 40N	37 28E	87.2	186.6	3.211	-27.65	68.5	S0409	.0541U	8.8618	1.4	V
9023	29420.22	12 38N	37 26E	87.2	186.6	3.439	-27.65	68.5	S0409	.0309U	8.8086	1.0	A
9024	29611.02	1 48S	36 50E	111.9	186.4	2.511	35.70	61.4	S0409	.0409U	8.4750	0.6	F
9025	29615.02	1 50S	36 50E	111.4	186.4	2.511	36.05	61.4	S0409	.0409U	8.5589	0.8	V
9026	29619.02	1 52S	36 50E	113.6	186.4	2.170	36.75	61.4	S0409	.0409U	8.2916	0.8	A
9027	29642.82	3 40S	35 50E	93.2	186.4	3.211	16.10	59.3	S0409	.0541U	7.7428	1.2	F
9028	29714.42	9 40S	35 18E	104.3	186.3	2.872	26.25	55.5	S0409	.0541U	8.9265	1.0	F
9029	29721.02	9 57S	35 10E	101.2	186.3	2.733	23.80	55.3	S0409	.0541U	7.1696	1.2	V
9030	29766.22	10 56S	33 36E	133.2	186.3	1.687	43.05	53.9	S0409	.0409U	8.8185	1.0	A
9031	29879.02	18 06S	32 28E	99.5	186.8	3.439	-4.90	45.7	S0409	.0541U	7.1574	1.2	A
9032	29965.62	25 44S	31 56E	110.4	187.1	2.872	15.40	40.2	S0409	.0541U	8.4312	0.8	F
9033	29971.22	25 50S	32 13E	116.3	187.1	2.511	23.80	40.2	S0409	.0541U	8.1926	0.8	V
9034	29976.02	25 55S	32 15E	119.7	187.1	2.511	25.20	40.2	S0409	.0541U	8.9122	0.6	A
9035	29980.82	25 59S	32 30E	129.1	187.1	2.170	32.20	40.0	S0409	.0541U	8.4752	0.8	A
9036	30006.02	27 39S	32 27E	139.0	187.3	1.810	37.80	38.3	S0409	.0409U	8.1703	0.8	V
9037	30011.22	27 39S	32 27E	141.9	187.3	1.475	38.50	38.3	S0409	.0409U	8.9722	0.8	A
9038	30035.42	29 01S	30 40E	112.4	187.4	2.733	14.00	36.1	S0409	.0719U	8.4905	0.6	V
9039	30039.62	29 04S	30 40E	114.3	187.4	2.733	14.35	36.1	S0409	.0719U	8.1761	0.8	A
1703 9001	34124.62	53 20N	26 56E	85.1	190.8	2.033	27.65	53.3	S0130	.0226U	8.6159	0.6	V
9002	34127.82	53 18N	26 56E	86.6	190.8	1.810	28.35	53.4	S0130	.0226U	8.8851	0.6	A
9001	33889.02	69 42N	34 14E	80.7	198.3	0.986	-16.80	38.7	S0409	.0719U	8.9868	0.4	F
9002	33892.02	69 40N	34 14E	79.5	198.3	0.986	-16.45	38.7	S0409	.0719U	9.2124	0.4	V
9003	33894.82	69 39N	34 14E	80.4	198.2	0.986	-16.45	38.7	S0409	.0719U	9.0127	1.2	A
9004	33902.02	69 34N	33 18E	81.4	197.8	1.113	-19.25	39.4	S0409	.0719U	8.8351	0.8	F
9005	33905.02	69 32N	33 17E	80.4	197.8	1.113	-19.25	39.4	S0409	.0719U	9.0352	0.8	V
9006	33908.02	69 30N	33 18E	81.1	197.5	1.113	-18.90	39.5	S0409	.0719U	8.9403	0.6	A
9007	33912.62	69 27N	33 3E	79.0	197.2	1.113	-16.10	40.0	S0409	.0719U	9.2501	0.8	V
9008	33915.42	69 25N	33 2E	79.9	197.1	1.332	-16.45	39.9	S0409	.0719U	9.0705	0.8	A
9009	33920.42	67 27N	32 48E	77.8	196.3	1.332	-13.30	40.5	S0409	.0719U	9.4003	0.6	V
9010	33924.62	67 25N	32 21E	79.1	196.2	1.113	-16.80	40.7	S0409	.0719U	9.2866	0.6	V
9011	33927.42	67 24N	32 22E	79.9	196.2	1.332	-16.80	40.7	S0409	.0719U	9.0705	0.6	A
9012	33939.42	66 40N	32 50E	76.5	196.0	1.475	-5.95	41.8	S0409	.0719U	9.5785	1.2	V
9013	34000.42	64 44N	30 44E	83.0	195.3	1.810	21.70	46.0	S0409	.0719U	8.7406	0.6	F
9014	34004.02	64 42N	30 43E	82.2	195.2	1.810	22.05	46.0	S0409	.0719U	8.9503	0.8	V
9015	34012.02	64 37N	29 20E	75.9	195.4	1.810	1.40	46.4	S0409	.0719U	9.5405	0.4	F
9016	34017.82	64 34N	29 19E	76.0	195.2	1.810	2.80	46.8	S0409	.0719U	9.5322	0.6	F
9017	34023.22	64 32N	29 12E	76.0	195.1	1.810	3.85	46.8	S0409	.0719U	9.5405	0.6	A
9018	34031.02	64 29N	30 9E	89.3	192.9	1.687	31.15	47.8	S0409	.0719U	8.2129	1.0	V
9019	34034.42	64 28N	30 10E	90.0	192.8	1.475	31.85	47.8	S0409	.0719U	7.9820	0.8	A
9020	34045.42	64 24N	28 1E	75.4	192.5	1.810	-1.75	48.4	S0409	.0719U	9.5982	1.0	F
9021	34050.82	64 22N	28 2E	75.3	192.4	1.810	-1.05	48.4	S0409	.0719U	9.6312	1.0	A
9022	34065.62	64 17N	28 25E	85.2	192.0	2.033	23.10	50.0	S0409	.0719U	8.7159	0.8	F
9023	34069.62	64 15N	28 25E	82.3	192.0	1.810	23.45	50.0	S0409	.0719U	8.9220	0.6	V

Handle via
BYEMAN Channels
BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1703 9024	34040.02	55 40N	26 4E	80.7	191.7	1.687	-24.85	50.1	S0409	.07190	4.0787	0.4	V
9025	34043.02	56 40N	26 4E	81.4	191.6	1.687	-24.50	50.1	S0409	.07190	4.9228	0.4	A
9026	34093.22	55 30N	26 34E	74.8	191.4	2.033	-2.10	51.3	S0409	.07190	4.6724	0.6	F
9027	34098.42	55 30N	26 34E	74.7	191.3	2.033	-1.40	51.3	S0409	.07190	4.6872	0.6	A
9028	34105.02	54 50N	26 37E	74.7	191.2	2.033	6.65	51.9	S0409	.07190	4.6208	0.6	V
9029	34109.22	54 45N	26 13E	74.8	191.1	2.033	0.70	52.3	S0409	.07190	4.6889	0.4	F
9030	34114.02	54 40N	26 18E	74.9	191.0	2.033	3.15	52.3	S0409	.07190	4.6724	0.6	A
9031	34121.62	53 45N	26 56E	85.9	190.9	2.033	27.30	53.3	S0409	.07190	4.4603	0.6	F
9032	34124.62	53 40N	26 56E	85.1	190.8	2.033	27.65	53.3	S0409	.07190	4.6169	0.6	V
9033	34138.62	52 50N	24 53E	76.5	190.8	2.033	-15.40	53.8	S0409	.07190	4.4415	0.6	F
9034	34141.42	52 50N	24 53E	75.5	190.6	2.033	-15.05	53.8	S0409	.07190	4.7136	0.6	V
9035	34144.22	52 50N	24 53E	76.2	190.5	2.033	-14.70	53.8	S0409	.07190	4.5248	0.6	A
9036	34157.02	51 55N	25 54E	82.0	190.5	2.033	24.15	55.2	S0409	.07190	4.9585	0.8	V
9037	34160.02	51 55N	25 54E	83.0	190.5	2.033	24.15	55.2	S0409	.07190	4.7154	0.6	A
9038	34166.82	50 50N	25 32E	79.8	190.2	2.170	19.25	55.5	S0409	.07190	4.0705	1.2	A
9039	34175.22	50 35N	25 11E	77.6	190.0	2.170	16.80	56.1	S0409	.07190	4.4580	0.6	V
9040	34179.02	50 30N	25 11E	78.6	190.0	2.170	17.15	56.1	S0409	.07190	4.2106	0.6	A
9041	34186.02	49 40N	24 12E	74.1	189.9	2.385	-3.50	56.6	S0409	.07190	4.7714	0.6	F
9042	34192.42	49 20N	24 45E	77.2	189.8	2.335	16.10	57.1	S0409	.07190	4.4910	0.4	V
9043	34195.62	49 10N	24 45E	78.3	189.8	2.170	16.80	57.1	S0409	.07190	4.2436	0.4	A
9044	34199.22	49 00N	24 31E	75.9	189.7	2.385	13.65	57.4	S0409	.07190	4.6642	0.4	V
9045	34203.02	48 50N	24 31E	76.9	189.7	2.385	14.00	57.4	S0409	.07190	4.4168	0.4	A
9046	34217.02	47 30N	23 53E	75.2	189.5	2.511	7.70	58.5	S0409	.07190	4.6477	0.4	F
9047	34219.62	47 10N	23 53E	74.4	189.4	2.511	8.05	58.5	S0409	.07190	4.9321	0.6	V
9048	34225.62	46 50N	23 54E	77.0	189.4	2.511	15.65	59.0	S0409	.07190	4.4250	0.4	F
9049	34231.22	46 30N	23 53E	77.1	189.3	2.385	14.00	59.0	S0409	.07190	4.3320	0.6	A
9050	34237.82	46 05N	23 7E	72.8	189.2	2.511	-4.90	59.3	S0409	.07190	10.0552	0.4	V
9051	34241.62	45 55N	22 59E	74.3	189.2	2.511	-8.75	59.3	S0409	.07190	4.7545	0.6	A
9052	34243.02	45 40N	22 56E	74.4	189.2	2.511	-8.75	59.4	S0409	.07190	4.7466	0.6	A
9053	34252.22	44 55N	23 9E	73.8	189.1	2.511	5.60	60.2	S0409	.07190	4.9363	0.6	V
9054	34256.62	44 40N	22 53E	74.1	189.0	2.733	1.05	60.5	S0409	.07190	4.7714	0.6	F
9055	34265.42	43 55N	22 16E	75.6	188.9	2.511	-14.35	60.7	S0409	.07190	4.5652	0.4	F
9056	34269.02	43 55N	22 16E	74.6	188.9	2.511	-14.00	60.7	S0409	.07190	4.8291	0.6	V
9057	34274.02	43 40N	21 58E	77.1	188.8	2.511	-18.90	61.1	S0409	.07190	4.3756	0.6	F
9058	34276.82	43 20N	21 58E	76.0	188.8	2.511	-18.55	61.1	S0409	.07190	4.6334	0.6	V
9059	34279.62	43 20N	21 57E	76.7	188.8	2.511	-18.20	61.1	S0409	.07190	4.4580	0.6	A
9060	34285.02	43 04N	21 55E	75.4	188.7	2.511	-14.60	61.7	S0409	.07190	4.5300	0.6	F
9061	34287.82	43 04N	21 54E	74.4	188.7	2.511	-13.65	61.8	S0409	.07190	4.8556	0.4	V
9062	34296.02	41 40N	22 12E	74.2	188.5	2.733	2.80	62.5	S0409	.07190	4.7651	0.4	F
9063	34298.62	41 40N	22 12E	73.4	188.5	2.733	3.15	62.5	S0409	.07190	4.9340	0.4	V
9064	34305.02	41 20N	21 34E	74.6	188.5	2.733	-15.05	62.6	S0409	.07190	4.6291	0.6	V
9065	34307.82	41 20N	21 34E	75.3	188.5	2.733	-14.70	62.6	S0409	.07190	4.6512	0.4	A
9066	34313.42	40 55N	21 0E	81.2	188.5	2.511	-27.30	62.9	S0409	.05410	6.2309	0.6	F
9067	34316.42	40 55N	20 60E	80.0	188.4	2.511	-26.95	62.9	S0409	.07190	4.1529	0.4	V
9068	34321.82	40 40N	20 41E	85.2	188.4	2.511	-33.60	63.0	S0409	.05410	6.5922	0.6	V
9069	34324.02	40 40N	20 41E	85.3	188.4	2.511	-33.25	63.0	S0409	.05410	6.4603	0.4	A
9070	34438.42	32 10N	20 17E	79.0	187.6	2.872	17.50	68.8	S0409	.04090	4.2849	0.6	V
9071	34441.42	32 10N	20 17E	80.1	187.6	2.872	17.85	68.8	S0409	.04090	4.0210	0.4	A
9072	34993.42	5 30S	12 24E	91.5	186.5	3.439	-15.75	56.6	S0409	.07190	4.9404	0.6	V
9073	34996.82	5 30S	12 24E	92.5	186.5	3.439	-15.05	56.6	S0409	.07190	4.7543	0.6	A
1704 9001	39234.62	63 9N	7 46E	77.1	194.2	1.475	-11.20	44.5	S0409	.09670	4.4003	0.8	A
9002	39688.82	35 44N	0 34W	87.2	187.9	2.733	28.35	67.0	S0409	.05410	6.3488	1.0	F
9003	39697.22	35 40N	0 31W	92.2	187.9	2.170	33.60	67.2	S0409	.03090	7.8336	1.0	A
9004	39708.22	35 30N	1 24W	76.5	187.8	2.872	12.60	67.3	S0409	.07190	4.5390	0.6	V
9005	39711.62	34 30N	1 24W	77.5	187.8	2.872	12.95	67.3	S0409	.05410	6.3261	0.6	A
1706 9001	50858.41	1 5/S	54 3W	111.7	186.4	3.211	-40.95	59.2	S0409	.04090	5.4400	1.2	A
9002	50871.01	2 40S	54 16W	114.7	186.4	3.211	-42.35	58.5	S0409	.04090	6.2791	0.8	A
9003	51047.21	14 20S	55 9W	99.2	186.7	3.211	7.35	48.2	S0409	.05410	7.1754	1.0	A
9004	51142.41	22 45S	56 4W	104.1	186.9	3.090	9.80	43.2	S0409	.05410	6.8648	0.8	F
9005	51148.01	23 20S	56 12W	103.8	186.9	3.090	8.05	42.8	S0409	.05410	6.8853	1.0	F
9006	51153.41	22 45S	56 31W	102.2	186.9	3.211	-1.75	42.8	S0409	.05410	5.9512	1.0	A
9007	51160.01	23 45S	56 40W	102.6	187.0	3.211	-4.20	42.4	S0409	.05410	6.9265	1.0	A
9008	51169.61	23 29S	57 53W	118.5	187.0	3.211	-33.60	41.1	S0409	.05410	6.0530	1.0	V
9009	51172.61	23 41S	57 55W	116.3	187.0	3.211	-35.25	41.0	S0409	.05410	6.0854	1.0	V
9010	51173.01	23 40S	57 43W	113.8	187.0	3.439	-27.65	41.0	S0409	.05410	6.2668	0.8	A
9011	51173.61	23 54S	57 44W	114.0	187.0	3.439	-27.65	40.9	S0409	.05410	6.2536	0.8	A
9012	51184.81	24 30S	58 13W	122.9	187.1	3.211	-36.05	40.1	S0409	.05410	5.8545	1.0	V
9013	51186.61	24 37S	58 14W	123.0	187.1	3.211	-36.05	40.0	S0409	.05410	5.8463	1.4	V
9014	51188.41	24 44S	58 16W	125.5	187.1	3.439	-36.75	40.1	S0409	.05410	5.6896	0.8	A
9015	51192.21	24 41S	58 18W	125.6	187.1	3.439	-36.75	40.0	S0409	.05410	5.6915	1.0	A
9016	51210.61	25 26S	58 30W	124.7	187.2	3.211	-35.00	39.9	S0409	.05410	5.7143	1.0	A
9017	51223.41	27 20S	59 2W	133.2	187.4	2.872	-39.55	37.4	S0409	.05410	5.3103	1.0	F
9018	51237.21	28 27S	57 49W	106.9	187.5	3.090	-4.90	37.1	S0409	.05410	6.6626	1.0	F
9019	51247.61	29 1S	56 42W	123.7	187.5	2.170	28.00	37.1	S0409	.05410	5.7958	0.8	V
9020	51253.21	29 40S	57 8W	117.2	187.4	2.335	20.30	36.4	S0409	.05410	6.0854	1.0	F
9021	51264.01	29 44S	57 52W	108.5	187.4	3.090	-0.70	36.0	S0409	.05410	6.5224	1.0	A
9022	51283.41	31 6S	57 36W	116.0	187.5	2.511	16.45	35.1	S0409	.05410	6.0454	1.0	A
9023	51322.81	33 06S	59 13W	111.2	187.7	3.090	-0.80	31.9	S0409	.07190	6.4482	0.8	V
9024	51327.01	33 07S	59 13W	112.7	187.8	3.090	-0.10	32.0	S0409	.05410	6.2803	0.6	A
9025	51335.01	34 04S	58 23W	118.5	187.8	2.511	15.40	31.8	S0409	.05410	5.9452	1.0	A
1707 9001	55961.21	11 04N	72 55W	81.2	186.5	3.439	-14.35	68.4	S0409	.05410	6.9380	1.0	V
9002	55966.21	11 27N	73 6W	84.5	186.5	3.439	-20.30	68.2	S0409	.07190	6.5010	0.6	A

Handle via BYEMAN Channels BYE-8915/84

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4354 COMMAND INFORMATION

REV	FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1707	9003	56058.01	4 41N	74 2W	84.6	186.4	3.574	-11.55	64.6	S0409	.0541U	8.5097	0.6	F
	9004	56061.01	4 42N	74 3W	83.7	186.4	3.574	-11.55	64.6	S0409	.0541U	8.6934	1.0	V
	9005	56064.61	4 39N	74 3W	83.3	186.4	3.574	-10.85	64.6	S0409	.0541U	8.6417	0.4	A
	9006	56071.61	4 7N	73 34W	87.7	186.4	3.211	12.95	64.7	S0409	.0541U	8.1799	0.6	A
	9007	56101.21	2 11N	74 44W	89.3	186.4	3.574	-20.65	62.7	S0409	.0541U	8.0648	1.0	A
	9008	56223.81	6 26S	76 22W	95.9	186.3	3.439	-24.50	56.1	S0409	.0541U	7.5779	1.0	V
	9009	56252.81	8 20S	74 34W	131.2	186.3	1.810	43.05	55.9	S0409	.0409U	5.4822	1.2	A
	9010	56304.81	12 0S	77 8W	95.7	186.6	3.439	-16.45	51.6	S0409	.0719U	7.3647	0.6	V
	9011	56308.41	12 0S	77 8W	96.0	186.6	3.439	-16.10	51.6	S0409	.0719U	7.3983	0.6	A
	9012	56510.41	26 14S	80 6W	111.2	187.1	3.211	-22.05	38.9	S0409	.0541U	6.3905	1.0	F
1708	9001	60868.40	38 47N	90 22W	90.7	188.2	2.170	-37.10	63.9	S0130	.0226U	7.9338	0.6	F
	9002	60874.80	38 47N	90 22W	90.1	188.2	2.385	-36.75	63.9	S0130	.0226U	8.0806	0.6	A
	9001	60868.20	38 47N	90 22W	90.7	188.2	2.170	-37.10	63.9	S0409	.0541U	7.9404	0.6	F
	9002	60874.80	38 47N	90 22W	90.1	188.2	2.385	-36.75	63.9	S0409	.0541U	8.0809	0.6	A
1713	9001	766.39	55 15N	165 58E	77.4	191.3	2.033	15.05	51.6	S0409	.0967U	9.4745	0.4	V
	9002	769.19	55 15N	165 58E	78.4	191.2	2.033	15.40	51.6	S0409	.0967U	9.2654	0.4	A
1714	9001	6099.99	53 35N	143 5E	76.3	190.3	2.170	12.95	53.0	S0409	.0967U	9.6147	0.4	V
	9002	6102.79	53 34N	143 5E	77.3	190.3	2.170	13.30	53.0	S0409	.0967U	9.4673	0.4	A
	9003	6101.19	53 34N	141 54E	74.6	190.3	2.170	-12.25	54.0	S0409	.0541U	9.4205	0.4	V
	9004	6103.99	53 34N	141 53E	75.4	190.4	2.170	-11.90	54.0	S0409	.0541U	9.5229	0.4	A
	9005	6162.39	49 16N	140 14E	79.9	189.9	2.170	-24.15	56.3	S0409	.0541U	9.0210	0.6	F
	9006	6165.39	49 16N	140 14E	78.7	189.8	2.170	-23.80	56.3	S0409	.0541U	9.2931	0.4	V
	9007	6169.79	49 17N	140 15E	77.5	189.3	2.170	-21.35	56.5	S0409	.0719U	9.4415	0.6	V
	9008	6171.59	49 17N	140 15E	78.2	189.7	2.170	-21.00	56.5	S0409	.0719U	9.2764	0.6	A
1715	9001	11356.58	63 42N	125 32E	76.3	191.7	1.687	1.85	43.9	S0409	.0719U	9.4745	0.4	F
	9002	11361.98	63 42N	125 30E	76.2	191.6	1.475	2.10	43.9	S0409	.0719U	9.4892	0.4	A
	9003	11578.38	42 15N	116 47E	75.1	188.5	2.733	-4.15	62.0	S0409	.0719U	9.2194	0.6	A
	9004	11588.38	40 51N	116 4E	74.8	188.5	2.733	-13.60	65.1	S0409	.0719U	9.6442	0.4	F
	9005	11600.98	40 51N	116 4E	73.9	188.4	2.733	-12.95	65.1	S0409	.0719U	9.4198	0.4	V
	9006	11605.78	39 59N	115 17E	74.0	188.4	2.733	-3.50	65.6	S0409	.0719U	9.7879	0.4	F
	9007	11612.58	39 59N	115 11E	73.9	188.3	2.733	-3.15	65.6	S0409	.0719U	9.7961	0.4	A
	9008	11691.18	39 14N	115 14E	80.6	188.3	2.511	-27.30	63.8	S0409	.0541U	9.0705	0.6	V
	9009	11632.98	38 47N	115 5E	74.9	188.2	2.733	5.95	64.7	S0409	.0719U	9.6559	0.4	A
	9010	11643.78	37 25N	115 23E	74.9	188.1	2.872	-11.20	65.2	S0409	.0719U	9.6477	0.4	F
	9011	11646.98	37 22N	115 18E	74.5	188.1	2.872	-13.30	65.3	S0409	.0719U	9.8291	0.6	V
	9012	11658.58	36 50N	114 26E	88.8	188.0	2.385	-36.40	65.0	S0409	.0409U	8.2541	0.8	V
	9013	11657.78	36 50N	114 26E	89.4	188.0	2.385	-36.05	65.0	S0409	.0409U	8.1404	1.0	A
	9014	11661.98	36 50N	114 24E	88.4	188.0	2.385	-35.00	65.2	S0409	.0409U	8.2211	0.4	A
	9015	11681.58	34 49N	114 24E	80.4	187.8	2.733	-24.85	66.5	S0409	.0541U	8.9797	0.6	F
	9016	11697.58	34 45N	114 48E	74.9	187.8	3.090	-9.45	66.8	S0409	.0719U	9.6807	0.6	A
	9017	11695.98	34 4N	115 50E	88.6	187.7	2.511	-36.05	66.6	S0409	.0409U	8.2459	0.6	V
	9018	11702.18	33 57N	114 2E	81.3	187.7	2.733	-27.65	67.1	S0409	.0541U	9.0045	0.6	V
	9019	11709.78	32 50N	113 55E	81.5	187.6	2.733	-26.95	67.5	S0409	.0541U	8.9478	1.2	F
	9020	11714.98	32 41N	114 1E	78.5	187.6	2.733	-20.65	67.8	S0409	.0541U	9.1941	0.8	F
	9021	11719.58	32 42N	113 54E	78.2	187.5	2.733	-19.95	67.9	S0409	.0541U	9.2354	0.4	F
	9022	11722.98	32 7N	114 1E	76.2	187.5	2.733	-17.15	68.0	S0409	.0719U	9.6064	0.4	V
	9023	11727.18	31 50N	114 5E	74.5	187.5	3.090	-12.60	68.2	S0409	.0719U	9.8291	1.0	V
	9024	11735.18	31 17N	113 60E	74.9	187.5	3.090	-11.55	68.5	S0409	.0541U	9.7961	0.6	V
	9025	11741.98	30 59N	114 16E	75.7	187.5	3.090	4.55	69.1	S0409	.0719U	9.5817	0.8	F
	9026	11744.78	30 59N	114 16E	74.9	187.5	3.090	4.90	69.1	S0409	.0719U	9.7474	0.6	V
	9027	11747.58	30 59N	114 16E	75.8	187.4	3.090	5.25	69.1	S0409	.0719U	9.5405	0.6	A
	9028	11767.78	29 54N	113 24E	79.1	187.4	2.872	-21.00	69.8	S0409	.0541U	9.1117	0.6	F
	9029	11769.78	29 53N	114 28E	86.5	187.3	2.872	26.25	70.4	S0409	.0409U	8.3360	0.4	F
	9030	11772.78	29 53N	114 24E	85.8	187.3	2.872	26.60	70.4	S0409	.0409U	8.5262	0.6	V
	9031	11785.58	27 50N	113 12E	76.2	187.3	3.090	-14.70	69.8	S0409	.0719U	9.6064	0.4	V
	9032	11788.18	27 50N	113 12E	77.0	187.2	3.090	-14.45	69.8	S0409	.0541U	9.4885	0.6	A
	9033	11812.98	25 55N	113 4E	75.0	187.1	3.211	-5.25	70.5	S0409	.0719U	9.7521	0.4	V
	9034	11815.78	25 55N	113 3E	75.9	187.1	3.211	-4.90	70.5	S0409	.0719U	9.5422	0.4	A
	9035	11821.38	25 54N	112 60E	75.7	187.1	3.211	-4.20	70.6	S0409	.0719U	9.5578	0.4	A
	9036	11848.58	23 24N	113 7E	80.4	187.0	3.090	16.45	71.4	S0409	.0541U	9.0952	0.6	V
	9037	11851.58	23 24N	113 6E	81.6	187.0	3.090	16.80	71.4	S0409	.0541U	8.8513	0.6	A
	9038	11862.78	22 40N	111 50E	83.6	186.9	3.090	-26.25	70.5	S0409	.0409U	8.6169	0.8	F
	9039	11877.18	21 30N	112 46E	82.1	186.9	3.090	16.80	71.5	S0409	.0719U	8.7654	0.6	A
	9040	11946.18	16 29N	111 45E	82.3	186.7	3.211	13.65	70.8	S0409	.0541U	8.8066	0.4	F
	9041	12078.18	6 17S	106 48E	96.3	186.5	3.439	-23.10	56.4	S0409	.0541U	7.4577	0.6	F
	9042	12281.58	6 17S	106 49E	94.7	186.5	3.439	-22.05	56.4	S0409	.0541U	7.6604	1.4	V
	9043	12285.78	6 20S	106 50E	95.5	186.5	3.439	-21.00	56.4	S0409	.0541U	7.5285	0.6	A
	9044	12299.18	7 10S	108 15E	113.2	186.5	2.385	33.25	56.6	S0409	.0409U	6.2668	0.8	A
	9045	12303.38	7 40S	108 39E	131.7	186.5	1.810	43.40	56.6	S0409	.0409U	5.3927	0.4	A
1716	9001	17064.58	29 40N	91 5E	81.6	187.4	2.733	-24.70	68.8	S0409	.0541U	8.8696	0.4	F
	9002	17067.38	29 40N	91 5E	80.5	187.4	2.733	-24.35	68.8	S0409	.0541U	9.1034	0.4	V
	9003	17093.98	27 27N	92 9E	87.9	187.2	2.872	27.30	70.8	S0409	.0541U	8.2788	1.0	F
	9004	17097.18	27 27N	92 9E	87.2	187.2	2.872	27.65	70.8	S0409	.0541U	8.4108	1.0	V
	9005	17151.18	23 58N	90 31E	76.6	187.0	3.211	-4.90	70.9	S0409	.0719U	9.9415	0.6	F
	9006	17153.98	23 58N	90 31E	75.7	187.0	3.211	-4.55	70.9	S0409	.0719U	9.6642	0.6	V
	9007	17159.39	23 14N	90 40E	76.5	187.0	3.211	-4.55	71.1	S0409	.0719U	9.5652	0.6	V
	9008	17162.18	23 13N	90 39E	77.6	187.0	3.211	-4.90	71.1	S0409	.0719U	9.3095	0.6	A

Handle via
BYEMAN Channels
BYE-8915/84

Approved for Release: 2021/01/22 C05132886

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1716 9009	18051.38	37 20S	77 33E	135.4	188.1	2.733	-33.60	28.0	S0409	.05410	5.2176	0.6	F
9010	18056.38	37 20S	77 33E	133.7	188.1	2.733	-33.25	28.0	S0409	.05410	5.5094	0.6	V
9011	18279.98	53 4S	73 45E	131.9	190.6	2.170	-14.00	13.9	S0409	.07190	5.5268	0.4	F
9012	18288.78	53 4S	73 44E	132.3	190.3	2.385	-13.65	14.9	S0409	.07190	5.3020	0.4	A
1717 9001	22127.58	46 20N	72 52E	93.1	189.3	2.033	-29.40	58.4	S0130	.02260	4.6654	0.8	F
9002	22133.38	46 20N	72 52E	92.5	189.3	2.170	-28.70	58.4	S0130	.02260	5.7891	1.0	A
9003	22299.78	34 30N	70 33E	74.1	187.4	2.872	-9.45	66.8	S0130	.02260	9.7455	0.8	F
9004	22306.98	34 20N	70 31E	74.5	187.3	3.090	-9.45	66.9	S0130	.02260	9.7290	1.0	A
9005	22311.78	34 0N	70 28E	74.5	187.7	3.090	-8.05	67.1	S0130	.02260	9.7295	0.8	A
9006	22318.38	33 40N	69 57E	76.4	187.7	2.872	-21.70	67.3	S0130	.02260	9.2013	0.6	F
9001	21786.98	63 40N	87 22E	83.8	198.3	1.332	22.40	35.8	S0409	.05410	8.7406	0.8	V
9002	21789.98	63 40N	87 22E	84.7	198.4	1.113	22.75	35.6	S0409	.05410	8.5427	0.8	A
9003	22011.78	54 40N	77 22E	79.8	191.0	2.033	20.30	52.4	S0409	.05410	9.1359	0.6	V
9004	22014.58	54 40N	77 22E	80.4	191.0	2.033	20.65	52.3	S0409	.05410	8.9385	0.6	A
9005	22127.38	46 20N	72 52E	83.2	189.3	2.033	-29.40	58.4	S0409	.05410	8.6654	1.0	F
9006	22133.38	46 20N	72 52E	82.5	189.3	2.170	-28.70	58.4	S0409	.07190	8.7891	0.8	A
9007	22137.78	46 0N	72 51E	79.7	189.2	2.170	-25.90	58.9	S0409	.05410	9.1329	0.6	V
9008	22140.78	45 50N	72 50E	80.5	189.2	2.385	-25.30	59.0	S0409	.05410	9.0292	0.6	A
9009	22177.18	43 50N	72 44E	75.7	188.5	2.733	-4.90	61.4	S0409	.05410	8.8208	0.8	F
9010	22182.38	43 0N	72 44E	75.6	188.7	2.733	-4.20	61.4	S0409	.05410	9.8456	1.0	A
9011	22215.78	40 20N	71 45E	75.6	188.4	2.733	-15.40	63.1	S0409	.05410	9.5652	0.6	F
9012	22219.58	40 20N	71 46E	74.6	188.4	2.733	-15.05	63.1	S0409	.05410	9.8291	0.6	V
9013	22227.58	39 50N	71 23E	75.2	188.3	2.511	-25.45	63.3	S0409	.07190	9.2766	0.8	A
9014	22288.18	35 40N	71 11E	75.3	187.9	2.872	11.55	66.5	S0409	.07190	9.6364	1.0	F
9015	22299.58	34 30N	70 33E	74.2	187.3	2.872	-9.45	66.8	S0409	.07190	9.7466	1.0	F
9016	22306.98	34 20N	70 30E	74.4	187.3	3.090	-9.45	66.9	S0409	.07190	9.7301	1.0	A
9017	22311.78	34 0N	70 28E	74.4	187.7	3.090	-8.05	67.1	S0409	.07190	9.7301	0.8	A
9018	22323.98	33 40N	69 57E	76.0	187.7	2.872	-20.65	67.3	S0409	.05410	9.2941	0.6	A
9019	22367.18	32 40N	70 37E	87.5	187.4	2.733	24.70	69.8	S0409	.04090	8.5695	1.0	V
9020	22370.38	32 40N	70 36E	88.7	187.4	2.511	24.05	69.8	S0409	.04090	8.1304	1.0	A
171A 9001	27242.19	59 20N	56 48E	75.3	192.7	1.910	1.65	47.7	S0130	.03150	9.5210	0.6	F
9002	27262.98	58 0N	55 16E	75.6	192.2	2.033	5.60	49.0	S0130	.03150	9.5723	0.8	F
9003	27268.58	57 50N	55 16E	75.7	192.1	1.810	4.55	49.0	S0130	.03150	9.5641	0.6	A
9004	27328.98	53 40N	52 27E	95.2	190.9	1.332	-39.55	52.4	S0130	.02260	7.5588	2.6	F
9005	27335.98	53 30N	52 30E	91.3	190.7	1.687	-36.75	52.4	S0130	.02260	7.9726	2.6	A
9006	27340.37	52 34N	52 29E	74.5	190.3	2.170	-7.35	54.7	S0130	.03150	9.7455	0.8	A
9001	27120.58	67 34N	64 1E	99.4	197.1	1.332	30.10	40.4	S0409	.05410	8.1361	0.8	V
9002	27123.98	67 30N	64 1E	90.5	196.9	1.113	38.45	40.4	S0409	.05410	7.9305	0.6	A
9003	27140.38	66 30N	61 46E	78.2	196.2	1.475	10.15	41.2	S0409	.07190	9.2436	0.8	F
9004	27247.58	59 40N	56 46E	75.4	192.5	1.810	1.75	-7.7	S0409	.07190	9.6329	0.6	A
9005	27262.98	58 0N	56 15E	75.6	192.2	2.033	5.60	49.0	S0409	.07190	9.5735	0.6	F
9006	27268.38	57 50N	56 16E	75.7	192.1	1.810	4.55	49.0	S0409	.07190	9.5552	0.6	A
9007	27341.38	51 21N	53 20E	74.2	190.5	2.385	6.00	54.6	S0409	.07190	9.7549	0.4	F
9008	27366.58	51 24N	53 20E	74.2	190.2	2.385	6.70	54.7	S0409	.07190	9.7714	0.4	A
9009	27450.38	45 20N	51 47E	75.2	189.1	2.511	10.85	59.7	S0409	.07190	9.7549	0.4	V
9010	27453.17	45 20N	51 46E	75.1	189.1	2.511	11.20	59.7	S0409	.07190	9.5875	0.4	A
9011	27501.77	40 40N	49 57E	74.1	188.4	2.733	-4.90	63.2	S0409	.07190	9.7714	0.6	F
9012	27526.98	40 20N	49 57E	74.0	188.4	2.733	-4.20	63.2	S0409	.07190	9.7796	0.6	A
9013	27597.18	35 10N	49 39E	73.7	187.9	2.872	-7.00	66.5	S0409	.07190	9.8126	0.6	F
9014	27602.56	35 12N	49 41E	73.6	187.9	2.872	-4.55	66.6	S0409	.07190	9.8456	0.6	A
9015	27642.38	32 20N	49 23E	75.2	187.6	2.872	7.70	68.3	S0409	.07190	9.6147	0.6	V
9016	27649.58	31 50N	49 12E	75.8	187.5	3.090	5.60	68.6	S0409	.07190	9.5487	0.4	F
9017	27662.58	31 0N	48 12E	77.7	187.5	2.872	11.20	68.6	S0409	.05410	9.2991	0.2	A
9018	27683.98	29 40N	47 56E	78.1	187.4	2.872	14.35	69.8	S0409	.05410	9.3838	1.0	V
9019	27687.38	29 20N	47 56E	79.3	187.3	2.872	15.05	69.8	S0409	.05410	9.0952	0.4	A
9020	27900.17	14 40N	44 23E	80.4	186.6	3.439	-12.95	69.6	S0409	.05410	8.8715	0.8	F
9021	27905.98	14 40N	44 23E	80.3	186.6	3.439	-11.90	69.6	S0409	.05410	8.9880	0.8	A
9022	27982.97	8 10N	43 9E	95.6	186.3	2.872	21.70	67.6	S0409	.05410	7.9160	0.6	F
9023	28115.37	0 20S	42 35E	91.7	186.4	3.090	16.80	61.8	S0409	.05410	7.9243	1.0	V
9024	28118.77	0 20S	42 34E	93.4	186.4	3.090	17.50	61.8	S0409	.05410	7.6521	1.0	A
9025	28156.17	2 30S	40 15E	118.5	186.4	3.090	-44.80	58.5	S0409	.04090	8.0354	0.6	V
9026	28160.57	2 30S	40 14E	120.3	186.4	3.090	-44.80	58.5	S0409	.04090	7.9347	0.6	A
9027	28194.17	5 10S	38 50E	121.4	186.4	3.211	-44.45	56.7	S0409	.04090	7.9285	1.0	A
9028	28227.97	7 50S	37 41E	110.1	186.5	3.211	-37.10	54.8	S0409	.05410	8.5802	1.0	V
9029	28261.17	10 10S	40 8E	93.1	186.5	3.439	-4.90	55.4	S0409	.05410	7.7441	1.0	V
9030	28265.37	10 12S	40 11E	95.9	186.5	3.439	-7.00	55.4	S0409	.05410	7.6109	0.6	A
9031	28294.37	14 20S	40 38E	116.4	186.6	2.385	30.80	50.5	S0409	.04090	8.1304	0.6	A
9032	28333.17	19 1S	40 45E	124.1	186.6	2.064	35.70	50.1	S0409	.05410	5.7061	0.6	A
1719 9001	32419.77	64 0N	39 31E	79.7	197.4	1.113	-13.30	39.7	S0409	.07190	9.1612	0.4	F
9002	32422.57	64 0N	39 31E	77.7	197.3	1.113	-13.30	39.7	S0409	.09670	9.4085	0.6	V
9003	32426.37	64 0N	39 31E	78.5	197.1	1.332	-14.30	39.7	S0409	.07190	9.2271	0.6	A
9004	32470.57	64 30N	39 16E	86.5	196.2	1.475	27.65	43.1	S0409	.07190	8.4850	0.4	V
9005	32473.77	64 30N	39 17E	87.7	196.0	1.475	28.00	43.1	S0409	.07190	8.2541	0.4	A
9006	32517.97	61 40N	34 27E	83.1	193.6	1.332	-27.30	45.4	S0409	.07190	8.7383	0.6	V
9007	32520.97	61 40N	34 28E	83.8	193.5	1.332	-26.95	45.4	S0409	.07190	8.6499	0.6	A
9008	32562.77	58 30N	33 30E	77.0	192.4	1.687	-14.70	48.4	S0409	.07190	9.3358	0.6	F
9009	32565.57	58 30N	33 31E	75.9	192.3	1.687	-14.35	48.4	S0409	.07190	9.6477	0.6	V
9010	32571.17	57 50N	33 40E	74.9	192.2	1.810	-4.55	49.0	S0409	.07190	9.6477	0.6	F
9011	32576.57	57 50N	33 40E	74.8	192.0	1.810	-3.85	49.0	S0409	.07190	9.6384	0.6	A
9012	32583.57	57 34N	33 41E	80.0	191.9	1.813	-22.75	49.2	S0409	.07190	9.0540	0.4	A

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1719 9013	32585.57	57 25N	32 38E	80.0	191.3	1.810	-22.75	49.4	S0409	.07190	9.0622	0.4	A
9014	32590.17	56 40N	32 20E	80.2	191.7	1.810	-23.10	50.0	S0409	.07190	9.0849	0.4	B
9015	32595.17	56 40N	32 20E	79.2	191.7	1.810	-23.10	50.0	S0409	.07190	9.2354	0.4	V
9016	32617.37	54 47N	32 7E	75.2	191.2	2.033	-10.56	51.7	S0409	.07190	9.6064	0.4	B
9017	32619.97	54 47N	32 7E	74.2	191.1	2.033	-10.15	51.7	S0409	.07190	9.8703	0.4	V
9018	32625.97	54 40N	32 22E	73.6	191.0	2.033	1.05	52.2	S0409	.07190	9.9610	0.6	V
9019	32630.77	54 15N	32 22E	74.4	191.0	2.033	1.40	52.2	S0409	.07190	9.7301	0.6	A
9020	32653.37	52 26N	31 11E	75.1	190.5	2.170	-11.20	55.8	S0409	.07190	9.6147	0.8	B
9021	32658.77	52 26N	31 11E	74.9	190.5	2.170	-10.50	53.8	S0409	.07190	9.6407	0.8	A
9022	32666.37	51 59N	30 42E	75.9	190.3	2.033	-17.15	54.3	S0409	.07190	9.6059	0.8	V
9023	32669.17	51 59N	30 42E	76.6	190.3	2.033	-16.80	54.3	S0409	.07190	9.4663	0.6	A
9024	32673.97	51 17N	30 51E	74.6	190.2	2.033	-9.10	54.7	S0409	.07190	9.7219	0.6	A
9025	32678.77	50 37N	30 26E	76.0	190.1	2.033	-15.05	55.2	S0409	.07190	9.5075	0.6	B
9026	32680.37	50 30N	30 24E	76.0	190.1	2.033	-15.05	55.3	S0409	.07190	9.5075	1.2	B
9027	32685.77	50 30N	30 25E	75.6	190.0	2.033	-14.00	55.3	S0409	.07190	9.5980	0.4	A
9028	32690.57	49 47N	30 30E	74.1	190.0	2.385	-5.60	56.0	S0409	.07190	9.7351	0.6	B
9029	32693.37	49 40N	30 30E	73.2	189.9	2.385	-5.25	56.0	S0409	.07190	10.0105	0.6	V
9030	32696.17	49 33N	30 30E	74.0	189.9	2.385	-4.90	56.0	S0409	.07190	9.7361	0.6	A
9031	32701.77	49 18N	30 14E	74.1	189.8	2.385	-6.30	56.6	S0409	.07190	9.7551	0.4	B
9032	32704.37	49 11N	30 14E	73.2	189.8	2.385	-5.95	56.6	S0409	.07190	10.0187	0.6	V
9033	32708.37	48 55N	30 3E	73.6	189.7	2.385	-8.75	56.8	S0409	.07190	9.9775	0.6	V
9034	32711.17	48 55N	30 3E	74.2	189.7	2.385	-8.40	56.8	S0409	.07190	9.7551	0.4	A
9035	32718.37	47 52N	29 47E	73.9	189.6	2.385	-4.20	57.6	S0409	.07190	9.7479	0.4	B
9036	32720.97	47 35N	29 57E	73.0	189.6	2.385	-5.45	57.6	S0409	.07190	10.0352	0.6	V
9037	32723.77	47 52N	29 55E	73.8	189.5	2.385	-4.20	57.6	S0409	.07190	9.8126	0.6	A
9038	32732.77	46 54N	29 36E	74.1	189.4	2.511	-5.60	58.3	S0409	.07190	9.7714	0.6	B
9039	32737.97	46 54N	29 36E	73.9	189.4	2.511	-4.90	58.3	S0409	.07190	9.8043	1.0	A
9040	32747.17	46 0N	29 19E	73.3	189.2	2.511	-7.35	58.9	S0409	.07190	10.0023	0.6	V
9041	32749.97	46 3N	29 18E	74.1	189.2	2.511	-7.00	59.0	S0409	.07190	9.7479	0.6	A
9042	32756.57	45 45N	28 36E	73.8	189.1	2.385	-24.50	59.0	S0409	.07190	9.8952	0.4	A
9043	32763.17	45 15N	28 50E	75.3	189.1	2.511	-15.65	59.6	S0409	.09670	9.6512	0.6	B
9044	32772.57	44 11N	28 40E	74.7	188.9	2.511	-10.50	60.4	S0409	.09670	9.6407	0.6	B
9045	32777.97	44 11N	28 40E	74.5	188.9	2.511	-9.80	60.4	S0409	.09670	9.7301	0.6	A
9046	32746.77	43 15N	27 57E	73.9	188.8	2.385	-24.85	60.9	S0409	.07190	9.8292	0.4	B
9047	32790.17	43 15N	27 55E	73.4	188.8	2.385	-25.20	60.9	S0409	.07190	9.8271	0.6	V
9048	32792.97	43 15N	27 55E	80.1	188.8	2.385	-24.85	60.9	S0409	.07190	9.8705	0.6	A
9049	32801.57	42 26N	27 42E	73.3	188.7	2.385	-24.90	61.5	S0409	.07190	9.1777	0.4	V
9050	32804.37	42 23N	27 42E	80.5	188.7	2.385	-25.55	61.5	S0409	.07190	9.8210	0.4	A
9051	32952.37	31 50N	25 38E	76.1	187.5	3.090	-14.30	67.2	S0409	.07190	9.4992	1.0	B
9052	32958.17	31 24N	25 52E	75.0	187.5	3.090	-0.70	68.6	S0409	.07190	9.6477	1.4	B
9053	32963.57	31 24N	25 52E	75.1	187.5	3.090	0.35	68.6	S0409	.07190	9.6412	1.4	A
1720 9001	38004.57	49 3N	8 26E	74.2	189.9	2.385	1.75	56.6	S0409	.07190	9.7651	1.0	B
9002	38009.97	49 0N	8 26E	74.2	189.8	2.385	2.45	56.6	S0409	.07190	9.7651	1.0	A
9003	38041.37	43 50N	5 29E	92.0	188.9	1.810	-38.50	60.1	S0409	.03090	7.8088	0.4	B
9004	38084.57	44 0N	5 29E	90.7	188.9	2.033	-38.50	60.1	S0409	.04090	8.0727	0.6	V
9005	38093.77	43 4N	6 29E	73.9	188.8	2.733	-3.50	61.3	S0409	.04090	9.7951	0.6	B
9006	38096.57	43 3N	6 28E	73.0	188.8	2.733	-3.15	61.3	S0409	.04090	10.0435	0.4	V
9007	38099.17	43 3N	6 28E	73.8	188.8	2.733	-2.80	61.3	S0409	.04090	9.8126	0.4	A
9008	38180.77	36 44N	4 5E	83.8	188.0	2.511	-30.10	65.2	S0409	.05410	8.8148	0.6	V
9009	38182.77	36 44N	4 5E	83.8	188.0	2.733	-30.10	65.2	S0409	.05410	8.6664	0.6	A
1722 9001	49373.56	3 9S	47 24W	95.7	186.4	3.439	-25.90	56.9	S0409	.05410	7.4972	0.6	B
9002	49379.16	3 54S	47 11W	89.8	186.4	3.574	-13.30	56.8	S0409	.05410	7.9902	1.0	B
9003	49386.56	3 34S	47 33W	96.0	186.4	3.574	-25.55	56.5	S0409	.05410	7.4972	1.0	A
9004	49764.36	29 56S	51 10W	113.7	187.4	2.733	16.05	56.3	S0409	.05410	8.2751	1.0	B
9005	49785.56	31 9S	51 5W	120.1	187.5	2.385	23.10	55.3	S0409	.05410	8.4700	1.0	V
9006	49794.56	31 54S	52 20W	110.2	187.5	3.090	-4.75	54.1	S0409	.05410	8.4482	1.0	B
9007	49799.36	31 41S	52 14W	110.1	187.6	3.090	-5.25	54.3	S0409	.05410	8.4235	1.0	A
1723 9001	54368.36	18 22N	64 57W	79.2	186.8	3.211	6.30	71.0	S0409	.05410	9.0352	1.0	A
9002	54378.16	18 23N	64 52W	82.3	186.5	3.439	-15.40	68.0	S0409	.05410	8.7406	0.4	B
9003	54481.16	18 23N	66 52W	81.3	186.5	3.439	-14.70	68.0	S0409	.05410	8.9715	0.4	V
9004	54486.16	18 10N	66 47W	80.6	186.5	3.439	-8.75	68.0	S0409	.05410	9.0540	1.0	V
9005	54492.76	9 54N	67 21W	89.9	186.5	3.439	-28.70	67.4	S0409	.05410	8.0515	0.4	A
9006	54499.36	9 24N	66 58W	81.9	186.5	3.574	-6.40	67.6	S0409	.05410	8.7901	0.6	A
9007	54691.16	4 10S	69 54W	100.9	186.4	3.211	-31.15	66.0	S0409	.05410	7.0832	1.0	B
9008	54698.56	4 10S	69 56W	100.4	186.4	3.439	-30.45	66.0	S0409	.05410	7.1656	1.0	A
9009	54792.76	8 7S	70 45W	106.1	186.3	3.211	-34.30	64.7	S0409	.05410	8.8193	1.0	V
9010	54893.96	18 19S	70 19W	124.6	186.7	2.385	34.65	47.3	S0409	.04090	9.7556	1.2	B
9011	54895.76	18 26S	70 20W	124.7	186.7	2.385	34.65	47.1	S0409	.04090	9.7556	1.0	B
9012	54901.76	18 10S	70 32W	118.4	186.3	2.170	30.45	47.2	S0409	.05410	8.9865	0.6	A
1725 9001	64778.55	31 40N	106 25W	75.9	187.3	3.090	9.10	68.6	S0409	.07190	9.5240	0.8	A
1726 9001	70853.15	21 50S	139 49W	102.1	186.4	3.211	-11.20	43.3	S0409	.05410	8.9842	1.0	B
9002	70856.95	21 50S	139 50W	101.1	186.4	3.211	-10.85	43.3	S0409	.05410	7.1409	1.0	V
9003	70861.55	22 10S	139 44W	100.6	186.4	3.211	-9.95	43.1	S0409	.05410	7.1729	1.2	V
9004	70865.35	22 10S	139 46W	102.0	186.4	3.439	-6.30	43.1	S0409	.04090	8.9780	1.2	A
1728 9001	81696.75	37 0S	175 33E	139.5	188.1	1.687	31.50	30.8	S0409	.04090	9.0217	0.6	A
1729 9001	85509.54	64 40N	177 46E	81.9	190.3	1.810	17.85	42.4	S0409	.05410	8.8975	0.6	B

Handle via
BYEMAN Channels
BYE-8915/84

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1729 9002	85512.34	64 46N	177 45E	80.7	195.2	1.475	17.85	42.7	S0409	.05410	9.0705	0.6	V
9003	85515.34	64 [illegible]	177 44E	81.7	195.1	1.475	18.20	42.7	S0409	.05410	8.8345	0.6	A
1730 9001	4718.54	48 54N	146 35E	79.8	189.0	2.511	19.25	60.3	S0409	.05410	9.1147	0.4	F
9002	4721.34	48 54N	146 35E	79.0	188.9	2.511	19.60	60.3	S0409	.05410	9.2951	0.4	V
9003	4729.34	48 55N	145 39E	73.9	188.9	2.511	-4.55	60.5	S0409	.09670	9.7161	0.4	F
9004	4731.94	48 55N	145 39E	73.0	188.9	2.511	-4.20	60.5	S0409	.09670	10.0352	0.4	V
9005	4738.14	48 47N	145 54E	74.5	188.8	2.511	8.75	61.0	S0409	.09670	9.2838	0.4	V
9006	4740.74	48 46N	145 55E	75.4	188.8	2.511	9.10	61.0	S0409	.09670	9.6064	0.4	A
1731 9001	9777.54	61 50N	129 40E	79.8	194.7	1.475	-21.00	45.1	S0409	.05410	9.1512	0.6	V
9002	9780.34	61 50N	129 40E	80.5	193.6	1.475	-20.65	45.1	S0409	.05410	8.9962	0.6	A
9003	9982.54	47 49N	124 31E	74.5	189.6	2.385	-9.10	57.4	S0409	.05410	9.7054	0.4	F
9004	9985.34	47 49N	123 59E	74.1	189.5	2.178	-20.65	57.6	S0409	.07190	9.2554	0.6	F
9005	9990.54	47 48N	123 59E	76.3	189.5	2.178	-19.95	57.6	S0409	.07190	9.5522	0.4	V
9006	10004.14	46 57N	123 8E	78.9	189.5	2.385	17.85	58.6	S0409	.05410	9.1694	0.4	A
9007	10011.14	46 53N	124 36E	76.7	189.2	2.385	10.15	58.9	S0409	.07190	8.9570	0.6	A
9008	10020.34	46 48N	124 30E	76.2	189.1	2.511	14.00	59.6	S0409	.07190	9.6229	0.6	V
9009	10025.94	46 45N	124 51E	84.5	189.1	2.178	26.60	59.9	S0409	.05410	8.9510	0.6	A
9010	10065.94	43 57N	123 36E	73.1	188.9	2.511	1.05	60.8	S0409	.05410	10.0279	1.0	V
9011	10067.74	43 56N	123 26E	76.1	188.7	2.733	10.85	62.2	S0409	.07190	9.5522	1.0	F
9012	10073.34	43 54N	123 2E	76.3	188.6	2.511	11.90	62.2	S0409	.07190	9.4324	0.6	A
9013	10078.74	43 50N	122 50E	74.0	188.5	2.733	-1.75	62.6	S0409	.05410	9.7479	0.6	F
9014	10085.14	43 47N	122 50E	73.8	188.3	2.733	-1.05	62.8	S0409	.05410	9.7361	0.6	A
9015	10085.74	43 46N	122 33E	73.4	188.3	2.733	-8.05	62.8	S0409	.05410	9.9458	0.6	V
9016	10092.54	43 42N	122 32E	74.3	188.4	2.733	-8.40	62.8	S0409	.05410	9.7431	1.2	A
9017	10104.34	43 34N	122 2E	76.2	188.3	2.733	-16.45	63.5	S0409	.05410	9.4424	0.6	F
9018	10108.74	43 32N	122 2E	76.9	188.3	2.733	-15.75	63.5	S0409	.05410	9.5470	1.0	A
9019	10115.14	43 27N	121 59E	73.6	188.2	2.511	-23.80	63.8	S0409	.07190	9.2178	0.4	V
9020	10118.14	43 25N	121 54E	79.4	188.2	2.733	-23.07	63.8	S0409	.07190	8.1447	0.6	F
9021	10130.54	43 15N	121 25E	78.2	188.1	2.733	-21.65	64.7	S0409	.07190	9.2271	0.4	F
9022	10135.34	43 11N	121 24E	77.0	188.1	2.733	-20.65	64.7	S0409	.07190	9.0157	0.4	V
9023	10138.14	43 10N	121 26E	77.7	188.1	2.733	-20.30	64.7	S0409	.07190	9.3343	0.4	A
9024	10142.74	43 6N	121 7E	82.1	188.0	2.733	-20.35	64.8	S0409	.05410	9.0478	0.6	A
9025	10211.54	39 4N	120 44E	74.9	187.6	3.090	1.40	66.2	S0409	.07190	9.6724	1.0	F
9026	10214.54	39 2N	120 40E	75.0	187.6	3.090	2.10	66.2	S0409	.07190	9.6477	1.4	A
9027	10223.34	38 56N	120 44E	74.8	187.5	3.090	1.40	66.4	S0409	.07190	9.6724	0.6	A
9028	10230.34	38 50N	120 49E	76.2	187.5	3.090	7.35	66.6	S0409	.05410	9.5157	1.0	F
9029	10235.94	38 44N	120 41E	76.4	187.4	3.090	8.40	66.8	S0409	.05410	9.4330	0.6	A
9030	10243.34	38 39N	120 18E	74.9	187.4	3.211	-5.15	66.8	S0409	.07190	9.6492	0.4	A
9031	10244.54	38 38N	120 16E	74.8	187.4	3.211	-3.15	66.8	S0409	.07190	9.6807	0.4	A
9032	10253.14	38 32N	119 59E	78.2	187.4	3.090	-21.00	66.8	S0409	.05410	9.2149	1.0	F
9033	10262.14	38 27N	120 4E	75.1	187.3	3.211	-1.40	66.5	S0409	.07190	9.6512	0.4	A
9034	10300.34	38 5N	119 9E	75.3	187.1	3.211	-10.25	70.3	S0409	.07190	9.7219	0.6	V
9035	10312.14	38 0N	119 9E	76.1	187.1	3.211	-10.50	70.4	S0409	.07190	9.5075	0.6	A
9036	10503.14	6 42N	116 25E	89.6	186.0	3.211	15.80	66.5	S0409	.04090	8.0838	0.6	F
9037	10508.94	6 40N	116 9E	84.4	186.0	3.439	8.75	66.1	S0409	.07190	8.5097	0.6	F
9038	10512.74	6 38N	116 0E	84.0	186.0	3.439	4.90	66.0	S0409	.05410	8.2746	0.6	V
9039	10595.94	5 57N	115 3E	85.4	185.4	3.211	9.45	66.1	S0409	.05410	8.4108	0.6	A
9040	10713.94	3 49S	117 59E	119.1	184.4	2.872	-44.80	54.9	S0409	.04090	8.9742	0.6	F
9041	10726.94	3 58S	114 34E	90.7	184.4	3.211	12.25	59.6	S0409	.05410	8.0067	0.6	V
9042	10732.14	4 02S	114 46E	92.9	184.4	2.872	28.65	59.7	S0409	.04090	7.3718	1.0	A
9043	10785.74	7 11S	112 45E	100.0	184.3	3.439	-29.05	55.7	S0409	.07190	7.2953	0.6	V
9044	10789.54	7 11S	112 45E	101.1	184.3	3.439	-20.70	55.7	S0409	.07190	7.1979	0.6	A
9045	10796.14	7 9S	113 1E	92.9	184.3	3.574	-9.45	55.6	S0409	.05410	7.7341	0.4	A
1732 5001	15717.93	14 52N	94 58E	94.1	192.3	2.733	-36.75	70.0	S0130	.01710	7.8514	0.6	F
9001	15151.33	57 17N	106 33E	76.8	192.0	2.033	8.05	48.5	S0409	.07190	9.5570	0.8	F
9002	15156.73	57 17N	106 33E	75.8	191.9	2.033	8.75	48.5	S0409	.07190	9.5487	0.8	A
9003	15220.73	57 50N	103 15E	83.0	190.9	1.810	-29.40	52.9	S0409	.05410	8.8148	1.0	V
9004	15223.93	57 54N	103 15E	83.7	190.9	1.810	-29.05	53.0	S0409	.05410	8.9864	0.8	A
9005	15235.73	51 34N	104 7E	74.3	190.4	2.385	5.25	54.4	S0409	.07190	9.6642	1.4	F
9006	15242.33	51 29N	104 4E	74.1	190.3	2.178	5.25	54.5	S0409	.07190	9.7796	1.4	A
1733 5001	20488.53	55 20N	83 3E	74.9	191.3	2.033	-5.25	51.1	S0130	.04150	9.6713	0.8	F
5002	20492.93	55 20N	83 5E	74.7	191.3	2.033	-4.20	51.1	S0130	.04150	9.6978	0.8	F
5003	20498.53	54 59N	83 7E	74.0	191.2	2.033	1.75	51.5	S0130	.04150	9.9104	0.6	V
5004	20501.33	54 52N	83 7E	74.9	191.1	2.033	2.10	51.5	S0130	.04150	9.6960	0.4	A
5005	20511.53	53 35N	84 11E	96.0	190.9	2.033	36.40	53.0	S0130	.02260	7.5770	2.8	F
5006	20518.93	53 32N	84 16E	99.2	190.8	1.810	36.85	53.0	S0130	.02260	7.3215	4.0	A
9001	20281.33	69 37N	90 23E	85.6	193.3	0.946	-26.95	37.9	S0409	.07190	9.5427	0.6	V
9002	20284.53	69 37N	90 22E	86.5	193.3	0.946	-26.95	37.9	S0409	.07190	9.3695	0.6	A
9003	20488.53	58 20N	84 4E	74.9	191.3	2.033	-5.25	51.1	S0409	.07190	9.6724	0.4	F
9004	20492.73	58 7N	83 60E	74.8	191.3	2.033	-4.20	51.3	S0409	.07190	9.6839	1.0	F
9005	20498.53	54 52N	83 7E	74.0	191.2	2.033	1.75	51.5	S0409	.07190	9.9145	0.4	V
9006	20573.13	40 37N	81 8E	74.1	189.9	2.385	-8.35	56.0	S0409	.07190	9.7714	0.4	F
9007	20575.73	40 37N	81 8E	73.9	189.9	2.385	0.00	56.0	S0409	.07190	10.0105	0.4	V
9008	20579.13	40 24N	80 59E	73.1	189.9	2.385	-2.45	56.1	S0409	.07190	10.0270	1.0	V
9009	20584.13	40 4N	80 51E	73.0	189.9	2.385	-3.15	56.4	S0409	.07190	10.0435	0.4	V
9010	20588.73	40 4N	80 51E	73.9	189.9	2.385	-2.60	56.4	S0409	.07190	9.8208	0.4	A
9011	20598.73	47 50N	90 27E	73.9	189.8	2.385	-4.55	57.5	S0409	.05410	9.8043	0.6	F
9012	20601.53	47 50N	90 26E	72.9	189.8	2.385	-4.20	57.4	S0409	.05410	10.0500	0.6	V

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1733 9013	20621.33	46 10N	80 50E	81.6	189.3	2.385	22.40	59.0	S0409	.05410	6.9055	0.8	F
9014	20624.33	46 15N	80 50E	80.9	189.3	2.385	22.75	59.0	S0409	.05410	6.9767	0.9	V
9015	20640.13	45 0N	78 29E	89.9	189.1	1.810	-36.40	59.1	S0409	.04090	6.0067	3.4	F
9016	20643.33	45 0N	78 29E	88.6	189.1	2.033	-36.40	59.1	S0409	.04090	6.2706	0.4	V
9017	20646.53	45 0S	78 29E	89.2	189.0	2.033	-36.85	59.1	S0409	.04090	6.1551	0.4	A
9018	20670.53	43 0N	78 17E	78.3	188.7	2.385	-25.20	61.2	S0409	.07190	9.3591	0.6	V
9019	20683.33	42 0N	78 17E	79.0	188.7	2.385	-24.85	61.2	S0409	.07190	9.1941	0.9	A
9020	20826.33	32 10S	75 44E	84.6	187.6	2.385	-30.45	67.5	S0409	.04090	6.5847	0.5	F
9021	20829.33	32 10S	75 44E	83.4	187.6	2.733	-30.45	67.5	S0409	.04090	6.7318	0.8	V
9022	20834.73	31 24S	76 22E	74.7	187.5	3.090	-1.40	68.5	S0409	.05410	9.6489	1.0	F
9023	20847.93	31 25S	76 22E	74.8	187.5	3.090	-0.35	68.5	S0409	.05410	9.6807	1.0	A
9024	21005.93	20 0N	73 52E	76.9	186.8	3.090	-11.20	70.4	S0409	.05410	9.5075	0.4	V
9025	21009.73	20 0N	73 50E	77.8	186.8	3.439	-10.95	70.5	S0409	.05410	9.5913	0.4	A
1734 9001	25847.13	51 30N	59 9E	77.7	190.4	2.033	-19.25	53.8	S0150	.02260	9.3303	2.6	F
9001	25761.13	50 0N	60 57E	84.7	192.1	1.475	-40.10	48.4	S0409	.05410	6.6202	0.6	V
9002	25764.33	50 4N	60 56E	83.5	192.0	1.687	-39.10	48.5	S0409	.05410	6.4838	0.5	S
9003	25776.53	50 0N	60 47E	80.4	191.8	1.687	-24.50	49.4	S0409	.07190	9.1117	0.6	V
9004	25779.33	50 0N	60 48E	81.0	191.7	1.687	-24.15	49.4	S0409	.07190	9.9550	0.6	A
9005	25786.73	50 0N	60 44E	77.7	191.6	1.810	-17.50	50.3	S0409	.07190	9.2369	0.8	F
9006	25792.33	50 0N	60 44E	77.4	191.4	2.033	-17.15	50.3	S0409	.07190	9.3756	0.8	A
9007	25801.13	50 0N	60 0E	79.8	191.3	1.810	-22.40	51.1	S0409	.07190	9.0375	0.4	F
9008	25803.93	50 0N	60 0E	79.6	191.2	1.810	-22.05	51.1	S0409	.07190	9.4096	0.6	V
9009	25806.73	50 0S	60 0E	79.3	191.2	1.810	-21.70	51.1	S0409	.07190	9.1564	0.6	A
9010	25827.33	51 10S	59 51E	77.9	190.7	2.170	-10.75	53.1	S0409	.07190	9.3175	0.4	F
9011	25830.13	51 10S	60 51E	77.1	190.7	2.170	-10.05	53.1	S0409	.07190	9.5283	0.4	V
9012	25834.73	51 45S	60 26E	74.7	190.7	2.170	-8.40	53.4	S0409	.07190	9.5617	0.8	F
9013	25837.53	51 45S	60 25E	74.8	190.6	2.170	-8.75	53.4	S0409	.07190	9.2043	0.4	V
9014	25839.13	51 57S	60 23E	74.3	190.6	2.170	-8.75	53.5	S0409	.07190	9.8043	0.4	V
9015	25859.53	51 0N	59 52E	75.7	190.6	2.385	-9.10	54.8	S0409	.07190	9.5755	0.4	F
9016	25861.13	51 0N	59 51E	74.8	190.2	2.170	-9.45	54.8	S0409	.07190	9.8043	0.4	V
9017	25863.13	51 0S	59 50E	74.9	190.2	2.170	-9.45	54.9	S0409	.07190	9.8043	0.4	V
9018	25866.13	50 47S	59 37E	74.8	190.2	2.170	-9.45	55.0	S0409	.07190	9.9633	0.6	V
9019	25868.93	50 47S	59 37E	74.9	190.1	2.385	-9.80	55.1	S0409	.07190	9.6842	0.6	A
9020	25882.33	49 54S	59 0E	77.4	189.9	2.170	-13.30	55.8	S0409	.07190	9.5261	0.4	F
9021	25893.53	49 30S	58 0E	77.2	189.9	2.385	-13.30	55.8	S0409	.07190	9.4003	0.4	A
9022	26035.13	38 1S	56 23E	76.7	188.5	2.872	11.55	64.2	S0409	.04090	9.4663	0.6	F
9023	26040.53	38 1S	56 23E	76.9	188.2	2.733	12.25	64.2	S0409	.04090	9.4085	1.0	A
1735 9001	30856.33	71 34N	52 27E	87.5	201.1	1.332	24.85	36.1	S0150	.03150	9.2779	1.0	F
9002	30863.73	71 34N	52 27E	87.8	200.9	1.113	25.55	36.1	S0150	.03150	9.2614	0.6	A
9003	30990.13	64 0N	41 39E	84.2	194.5	1.332	-26.60	43.9	S0150	.03150	9.5582	4.0	F
9004	30997.73	64 2N	41 38E	83.9	194.0	1.332	-26.25	44.0	S0150	.03150	9.6571	6.2	A
9005	31476.33	30 10S	31 25E	76.2	187.4	3.090	-19.25	68.6	S0150	.02260	9.2350	0.9	F
9001	30823.73	74 30N	54 47E	81.3	204.0	1.113	12.95	33.8	S0409	.09670	9.8975	0.9	F
9002	30835.13	73 49N	54 48E	80.3	203.7	1.113	14.30	33.9	S0409	.09670	9.1117	0.6	V
9003	30980.33	63 11N	41 33E	84.3	194.3	1.332	-25.60	43.9	S0409	.07190	9.5582	4.0	F
9004	30987.73	63 1N	41 28E	83.8	194.0	1.332	-26.25	44.0	S0409	.07190	9.6582	5.9	A
9005	31073.13	57 30N	39 57E	74.1	192.0	1.810	-1.05	48.1	S0409	.09670	9.8869	0.6	V
9006	31076.93	57 30N	39 57E	74.9	191.9	2.033	-1.05	48.1	S0409	.09670	9.6642	0.4	A
9007	31083.13	56 40S	39 7E	84.6	191.6	1.475	-24.50	50.1	S0409	.07190	9.5130	4.0	F
9008	31104.53	55 40N	37 57E	84.5	191.3	1.687	-24.50	50.4	S0409	.07190	9.5362	4.0	A
9009	31120.73	54 40N	37 37E	80.9	191.0	1.810	-24.50	51.3	S0409	.07190	9.4158	1.2	F
9010	31126.53	54 10N	37 37E	80.8	190.9	2.033	-24.15	51.3	S0409	.07190	9.8210	1.2	A
9011	31187.33	49 34N	31 21E	76.5	190.1	2.170	-13.30	55.5	S0409	.07190	9.5735	0.4	V
9012	31190.13	49 34N	31 21E	77.2	189.9	2.170	-13.65	55.5	S0409	.07190	9.5221	0.4	A
9013	31200.93	48 50N	31 22E	76.8	189.8	2.385	-9.10	56.4	S0409	.07190	9.9363	0.6	V
9014	31203.73	48 50N	31 22E	74.5	189.7	2.385	-9.45	56.4	S0409	.07190	9.7301	0.6	A
9015	31209.53	48 27N	31 0E	75.3	189.7	2.170	-15.75	56.4	S0409	.07190	9.7301	0.6	V
9016	31211.33	48 26N	31 0E	74.0	189.6	2.385	-15.75	56.5	S0409	.07190	9.5405	0.4	A
9017	31216.33	47 40N	30 24E	91.2	189.5	2.170	-26.25	57.2	S0409	.07190	9.8808	0.6	F
9018	31219.13	47 40S	30 24E	79.9	189.5	2.170	-25.90	57.2	S0409	.07190	9.1529	0.6	V
9019	31225.13	47 10S	30 43E	74.7	189.3	2.385	-14.45	57.7	S0409	.07190	9.7044	0.6	V
9020	31248.93	45 24S	30 57E	75.9	189.2	2.511	10.50	59.5	S0409	.07190	9.5570	6.4	F
9021	31258.73	45 0N	30 52E	76.1	189.1	2.511	11.20	59.7	S0409	.07190	9.5157	4.0	A
9022	31457.73	31 10S	32 18E	75.1	187.5	3.090	6.65	68.7	S0409	.07190	9.7466	0.4	V
9023	31460.33	31 17S	32 19E	76.1	187.5	3.090	7.00	68.7	S0409	.07190	9.4410	0.6	A
9024	31470.53	31 10S	31 25E	78.4	187.4	2.872	-14.60	68.6	S0409	.05410	9.2029	0.6	F
9025	31473.33	30 10S	31 25E	77.4	187.4	3.090	-14.60	68.6	S0409	.07190	9.4550	0.6	V
9026	31474.93	29 55S	31 20E	77.5	187.4	3.090	-14.60	68.8	S0409	.07190	9.4496	0.6	U
9027	31480.33	29 47S	31 19E	77.5	187.4	3.090	-14.60	68.8	S0409	.07190	9.4496	0.6	V
9028	31832.53	6 40S	27 23E	84.7	186.4	3.439	7.00	65.9	S0409	.05410	9.4767	1.0	A
9029	32314.53	27 44S	21 28E	106.9	187.2	3.090	4.20	38.3	S0409	.05410	9.2709	0.6	F
9030	32318.53	27 40S	21 29E	106.1	187.2	2.872	4.90	38.3	S0409	.05410	9.7463	0.6	V
9031	32404.12	33 39S	18 26E	135.5	187.7	2.733	-36.75	32.1	S0409	.05410	9.2196	0.8	F
9032	32409.12	33 40S	18 24E	133.5	187.7	2.872	-36.40	32.1	S0409	.05410	9.3566	0.4	V
9033	32414.12	34 0S	18 48E	122.6	187.6	3.090	-28.00	31.9	S0409	.05410	9.4545	0.6	V
9034	32419.72	34 0S	18 47E	124.1	187.6	3.090	-27.65	31.9	S0409	.05410	9.7224	0.6	A
1736 9001	36269.12	65 10N	21 39E	77.4	195.3	1.475	-10.85	42.1	S0409	.09670	9.3591	0.6	A
9002	36380.52	57 40N	18 18E	76.4	192.0	1.810	2.45	49.1	S0409	.09670	9.8745	0.6	A
9003	36423.32	56 30N	16 51E	74.5	191.1	2.033	6.30	51.0	S0409	.09670	9.8373	0.4	V
9004	36426.12	54 30N	16 51E	75.4	191.0	2.033	6.65	51.0	S0409	.09670	9.5982	0.4	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1736 9005	36433.12	53 59N	16 8E	73.8	190.9	2.033	-6.30	52.2	S0409	.07190	9.9280	0.4	V
9006	36435.92	53 50N	16 7E	74.6	190.7	2.033	-5.95	52.2	S0409	.07190	9.7219	0.4	A
9007	36455.92	52 47N	15 20E	74.6	190.5	2.170	-12.60	53.4	S0409	.07190	9.8126	0.6	V
9008	36458.72	52 27N	15 20E	75.4	190.5	2.170	-12.25	53.5	S0409	.07190	9.6147	0.4	A
9009	36468.12	51 21N	15 45E	76.8	190.3	2.385	9.45	54.6	S0409	.07190	9.5570	1.0	F
9010	36473.72	51 20N	15 45E	76.0	190.2	2.170	10.50	54.6	S0409	.07190	9.5522	0.6	A
9011	36484.72	50 10N	14 56E	74.1	190.1	2.385	-3.15	55.4	S0409	.07190	9.7714	0.3	F
9012	36490.12	50 10N	14 56E	74.0	190.0	2.385	-2.45	55.4	S0409	.07190	9.7461	0.3	A
9013	36551.32	45 41N	13 47E	74.7	189.2	2.511	5.95	59.2	S0409	.07190	9.7054	0.6	F
9014	36556.12	45 41N	13 47E	73.9	189.2	2.511	6.30	59.2	S0409	.07190	9.9198	0.6	V
9015	36561.72	44 55N	13 56E	78.8	189.1	2.511	17.50	59.9	S0409	.07190	9.2271	0.8	F
9016	36567.32	44 55N	13 56E	79.0	189.0	2.385	18.20	59.9	S0409	.07190	9.1729	0.8	A
9017	36631.12	36 55N	10 14E	88.4	188.6	2.385	-35.00	64.8	S0409	.03090	8.1469	0.6	F
1737 9001	42297.12	15 55N	14 57W	79.6	186.7	3.211	8.05	70.5	S0409	.05410	9.1777	1.2	V
9002	42302.32	15 40N	15 5W	79.9	186.7	3.211	4.20	70.4	S0409	.05410	9.0292	1.0	A
9003	42341.72	12 36N	16 16W	84.8	186.6	3.439	-24.15	68.8	S0409	.05410	8.6087	1.2	V
1738 9001	48148.91	22 55S	45 2W	117.4	186.9	3.090	-33.25	42.9	S0409	.05410	6.0607	1.0	F
9002	48167.71	22 55S	44 59W	113.2	186.9	3.211	-29.05	42.4	S0409	.05410	6.2353	0.8	F
9003	48181.91	22 40S	44 53W	111.8	187.0	3.211	-26.70	42.4	S0409	.05410	6.4482	0.4	V
9004	48171.11	23 12S	45 50W	115.2	187.0	2.872	-43.75	41.6	S0409	.04090	5.3268	1.0	V
9005	48176.11	23 12S	45 51W	116.8	187.0	3.090	-43.75	41.6	S0409	.04090	5.2274	1.0	A
1739 9001	53027.51	7 19N	61 36W	89.1	186.5	3.439	-27.30	66.1	S0409	.05410	8.1799	0.8	V
9002	53031.51	7 10N	61 31W	90.4	186.5	3.439	-27.30	66.1	S0409	.05410	7.9402	0.6	A
9003	53041.51	6 50N	60 59W	83.7	186.5	3.439	-5.25	66.4	S0409	.05410	8.5757	0.4	V
9004	53104.51	1 24N	61 7W	94.6	186.4	2.872	23.80	63.4	S0409	.05410	7.7099	1.0	V
9005	53478.11	23 40S	64 44W	137.5	187.0	1.810	39.90	42.7	S0409	.04090	5.2443	0.8	V
9006	53575.31	30 19S	66 16W	131.8	187.4	2.033	33.25	36.5	S0409	.05410	5.6422	0.4	V
9007	53580.31	30 19S	66 15W	134.7	187.4	1.810	34.95	36.6	S0409	.05410	5.2361	0.4	A
9008	53635.91	34 04S	68 24W	111.0	187.8	2.872	3.85	32.1	S0409	.05410	6.3475	1.0	F
9009	53692.51	37 55S	70 59W	133.7	188.1	2.872	-35.00	26.3	S0409	.05410	5.3515	1.2	V
9010	53699.91	38 40S	70 26W	120.1	188.2	2.872	-20.30	27.7	S0409	.05410	5.8475	1.0	F
9011	53708.91	39 25S	69 16W	117.5	188.3	2.511	8.05	28.1	S0409	.05410	5.9947	0.6	A
9012	53735.71	41 11S	70 53W	119.9	188.5	2.733	-16.10	25.5	S0409	.04090	5.9040	1.0	F
9013	53744.71	41 12S	70 53W	119.9	188.6	2.872	-15.05	25.5	S0409	.07190	5.8875	0.8	A
9014	53753.71	41 25S	72 28W	146.5	188.6	2.733	-39.20	24.3	S0409	.04090	4.8515	0.8	V
9015	53772.71	43 30S	68 57W	146.5	188.8	1.475	44.80	24.1	S0409	.04090	4.8815	0.6	V
9016	53778.11	44 30S	68 57W	149.1	188.9	1.332	34.65	24.2	S0409	.04090	4.6918	0.6	A
9017	53798.91	45 42S	72 39W	131.7	189.1	2.511	-25.55	21.4	S0409	.07190	5.3515	1.2	F
9018	53805.51	45 55S	72 3W	122.0	189.2	2.511	-13.30	21.4	S0409	.07190	5.8345	0.6	V
9019	53809.11	46 0S	72 8W	122.9	189.2	2.511	-11.90	20.9	S0409	.07190	5.7491	1.0	F
9020	53814.31	46 04S	71 41W	121.5	189.3	2.511	-3.85	21.3	S0409	.05410	5.7935	1.0	A
9021	53820.11	46 16S	71 56W	122.3	189.3	2.511	-6.65	20.9	S0409	.05410	5.7473	0.6	A
9022	53824.31	46 21S	72 12W	125.3	189.4	2.511	-10.15	20.6	S0409	.07190	5.7061	1.0	A
9023	53830.31	47 12S	72 32W	125.0	189.5	2.511	-12.60	19.9	S0409	.05410	5.7968	1.0	V
9024	53836.91	47 25S	72 17W	125.3	189.5	2.511	-6.65	19.8	S0409	.05410	5.7081	1.0	A
9025	53843.71	48 26S	72 33W	123.4	189.6	2.385	-5.95	19.8	S0409	.07190	5.7226	1.0	F
9026	53854.31	49 39S	71 7W	139.6	189.8	1.810	24.35	19.2	S0409	.04090	5.0711	1.0	F
9027	53869.31	49 27S	73 31W	128.6	190.0	2.511	-16.45	17.7	S0409	.04090	5.4752	1.0	A
1740 9001	58100.51	22 57N	80 16W	76.8	187.0	3.211	-8.75	70.8	S0409	.05410	9.4103	15.0	F
9002	58116.91	22 12S	80 25W	77.0	186.9	3.211	-7.70	70.8	S0409	.05410	9.5320	2.6	A
9003	58249.31	12 30N	81 42W	82.3	186.5	3.211	10.50	69.6	S0409	.05410	8.7383	1.0	F
9004	58253.31	12 35N	81 42W	81.8	186.5	3.211	11.20	69.6	S0409	.07190	8.9585	0.8	V
9005	58296.51	9 42N	82 13W	84.6	186.3	3.211	12.60	68.1	S0409	.05410	8.6592	0.6	F
9006	58298.51	9 42N	82 13W	83.9	186.3	3.211	12.95	68.1	S0409	.05410	8.6944	0.6	V
1741 9001	63449.51	20 55N	105 18W	83.7	186.4	3.211	-26.95	70.4	S0409	.05410	8.6582	1.4	A
1746 9001	3148.49	49 27N	154 40E	84.6	189.4	2.170	26.25	56.2	S0409	.05410	8.5757	0.4	F
9002	3152.49	49 47N	154 40E	83.8	189.3	2.170	26.60	56.2	S0409	.05410	8.7324	0.6	V
9003	3165.69	49 26N	154 39E	84.6	189.3	2.170	26.60	56.2	S0409	.05410	8.5097	0.4	A
9004	3171.09	49 0N	155 16E	74.0	189.6	2.385	0.00	57.0	S0409	.05410	9.7796	0.4	F
9005	3173.69	49 0N	154 16E	73.2	189.6	2.385	0.35	57.0	S0409	.05410	10.0187	0.4	V
9006	3176.89	49 4N	153 16E	74.0	189.6	2.385	0.70	57.1	S0409	.05410	9.7981	0.4	A
9007	3186.29	47 0N	152 17E	78.0	189.5	2.170	-20.65	57.6	S0409	.05410	9.2601	0.4	F
9008	3189.09	47 0N	152 17E	76.9	189.4	2.170	-20.30	57.6	S0409	.05410	9.3522	0.4	V
9009	3191.89	47 0N	152 17E	77.7	189.4	2.385	-20.30	57.6	S0409	.05410	9.3591	0.4	A
1747 9001	8483.09	47 50N	131 53E	80.6	189.6	2.170	22.40	57.3	S0409	.07190	9.1117	0.6	V
9002	8565.29	42 10N	129 18E	73.6	188.7	2.733	-5.95	61.5	S0409	.07190	9.8573	2.0	F
9003	8570.69	42 17N	129 19E	73.5	188.6	2.733	-4.70	61.5	S0409	.07190	9.8521	2.4	A
9004	8586.69	40 47N	129 14E	74.6	188.5	2.733	5.25	62.7	S0409	.07190	9.7219	2.4	F
9005	8592.89	40 44N	129 13E	74.7	188.4	2.733	5.95	62.8	S0409	.07190	9.6972	3.2	A
9006	8616.49	38 40N	128 13E	75.1	188.2	2.733	-12.95	63.8	S0409	.07190	9.8512	2.2	F
9007	8622.09	38 47N	128 13E	74.9	188.2	2.733	-12.25	63.9	S0409	.07190	9.8307	6.8	A
9008	8650.69	36 20N	127 24E	78.7	188.0	2.733	-22.40	65.2	S0409	.05410	9.1777	1.0	F
9009	8656.49	36 27N	127 23E	78.3	187.9	2.733	-21.70	65.2	S0409	.05410	9.2684	0.8	A
9010	9255.29	5 14S	110 33E	94.1	186.4	3.439	-23.10	57.6	S0409	.05410	7.7204	0.4	V

Handle via
BYEMAN Channels
BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1747 9011	9262.89	5 14S	119 32E	95.2	186.4	3.439	-22.75	57.6	S0409	.05410	7.5532	0.6	A
1748 5001	14201.2A	19 36N	103 4E	86.9	186.8	3.090	24.50	71.6	S0130	.02260	8.4588	0.6	F
5002	14207.6A	19 35N	103 5E	88.1	186.8	2.872	25.90	71.6	S0130	.02260	8.1954	0.4	A
9001	13810.89	46 36N	108 20E	73.6	189.4	2.385	-7.70	58.1	S0409	.05410	9.8374	0.6	F
9002	13816.09	46 37N	108 20E	73.4	189.3	2.385	-7.00	58.1	S0409	.05410	9.8786	0.6	A
9003	14027.4A	31 45N	104 28E	75.7	187.6	3.090	-15.05	67.9	S0409	.07190	9.5405	1.0	F
9004	14032.89	31 45N	104 28E	75.5	187.5	3.090	-14.80	67.9	S0409	.07190	9.6064	1.0	A
9005	14061.89	29 36N	103 44E	79.5	187.4	2.872	-24.15	68.7	S0409	.05410	9.2028	0.6	V
9006	14064.6A	29 36N	103 44E	80.3	187.4	3.090	-24.15	68.7	S0409	.05410	9.0375	0.6	A
9007	14031.0A	27 41N	103 45E	74.5	187.2	3.090	-7.00	69.8	S0409	.05410	9.7054	0.6	F
9008	14098.89	27 1N	103 38E	75.9	187.2	3.090	-9.45	69.9	S0409	.07190	9.5240	0.8	F
9009	14112.09	25 36N	102 50E	84.3	187.1	2.872	-30.80	69.7	S0409	.05410	8.5345	0.6	F
9010	14115.09	25 37N	102 50E	83.1	187.1	2.872	-30.45	69.7	S0409	.05410	8.7933	0.6	V
9011	14118.0A	25 37N	102 50E	83.9	187.1	3.090	-30.45	69.7	S0409	.05410	8.6139	0.6	A
9012	14139.4A	24 42N	102 56E	77.0	187.1	3.090	-18.55	70.3	S0409	.07190	9.5075	0.8	V
9013	14135.2A	24 42N	102 56E	77.8	187.0	3.090	-18.20	70.4	S0409	.05410	9.5173	0.4	A
9014	14142.6A	23 46N	103 16E	76.0	187.0	3.090	2.45	70.9	S0409	.07190	9.5243	0.6	F
9015	14143.89	23 46S	103 15E	76.6	187.0	3.090	2.45	70.9	S0409	.07190	9.4996	0.6	F
9016	14140.2A	23 42N	103 15E	75.4	187.0	3.090	3.50	70.9	S0409	.07190	9.6064	0.6	F
9017	14152.4A	23 47N	103 21E	78.2	187.0	3.090	9.10	71.1	S0409	.05410	9.2271	0.6	A
9018	14172.2A	21 41N	103 4E	78.7	186.9	3.090	10.15	71.2	S0409	.05410	9.2198	0.4	F
9019	14180.0A	21 45N	103 3E	79.2	186.9	3.090	11.20	71.3	S0409	.05410	9.1054	0.6	A
9020	14201.2A	19 36N	103 4E	86.9	186.8	3.090	24.50	71.6	S0409	.05410	8.3515	0.4	F
9021	14207.4A	19 36N	103 5E	88.1	186.8	2.872	25.90	71.6	S0409	.05410	8.1764	0.6	A
9022	14385.0B	7 30S	98 30E	88.4	186.5	3.439	-24.50	66.4	S0409	.05410	8.1664	0.4	A
9023	14405.4F	9 2S	98 17E	93.1	186.4	3.439	-24.85	66.5	S0409	.05410	7.7346	0.4	A
1749 9001	18985.0A	55 35N	89 43E	75.2	191.4	2.033	4.55	50.6	S0409	.07190	9.6512	0.4	F
9002	18987.2A	55 35N	89 45E	75.1	191.4	2.033	4.55	50.6	S0409	.07190	9.6394	0.4	F
9003	18990.0B	55 36N	89 40E	75.0	191.3	2.033	4.20	50.9	S0409	.07190	9.6042	0.6	F
9004	18995.4A	55 36N	89 39E	74.9	191.2	2.033	4.55	50.9	S0409	.07190	9.6724	0.6	A
9005	18998.8A	55 3N	89 18E	74.3	191.2	2.033	-1.75	51.1	S0409	.07190	9.7549	0.4	F
9006	19001.2A	54 57N	89 16E	74.3	191.1	2.033	-1.75	51.2	S0409	.07190	9.7540	0.4	A
9007	19156.2B	44 11N	85 42E	72.9	188.9	2.385	2.10	60.1	S0409	.07190	10.0600	0.6	V
9008	19162.0A	43 54N	85 32E	73.2	188.9	2.385	-4.55	60.2	S0409	.05410	9.9115	0.6	A
9009	19177.4A	42 40N	86 24E	90.8	188.7	2.385	35.25	61.9	S0409	.04090	9.0156	1.0	F
9010	19184.0B	42 42N	86 24E	91.8	188.7	2.170	34.50	61.9	S0409	.04090	7.8500	1.0	A
9011	19406.6B	26 51N	80 59E	83.9	187.2	2.733	-28.65	69.5	S0409	.05410	8.5839	0.6	F
9012	19409.6A	26 51N	80 57E	82.7	187.2	2.733	-28.00	69.5	S0409	.05410	8.8478	0.4	V
9013	19615.4A	12 36N	73 50E	79.1	186.5	3.439	-9.40	69.2	S0409	.05410	9.2354	0.6	V
9014	19618.2A	12 37N	73 50E	80.1	186.5	3.439	-8.85	69.2	S0409	.05410	9.0127	0.6	A
9015	19671.0A	8 47N	73 4E	81.2	186.5	3.439	-8.75	67.4	S0409	.05410	8.8797	0.8	V
9016	19674.0A	8 47N	73 4E	82.2	186.5	3.439	-8.40	67.4	S0409	.05410	8.7554	0.6	A
1750 5001	24314.4A	54 26N	68 8E	85.6	191.0	1.810	27.30	51.9	S0130	.02260	8.4575	3.2	A
5002	24331.8A	53 41N	66 40E	74.6	190.7	2.170	2.10	52.6	S0130	.03150	9.7572	3.6	A
9001	24259.2A	58 19N	68 15E	76.0	192.2	1.810	-10.50	48.1	S0409	.09670	9.5405	0.8	A
9002	24353.2A	51 36N	65 40E	74.6	190.4	2.170	-6.05	54.0	S0409	.07190	9.6472	0.6	F
9003	24356.0A	51 36N	65 40E	73.6	190.5	2.170	-7.70	54.0	S0409	.07190	9.9528	0.4	V
9004	24361.4A	51 9N	65 45E	73.2	190.2	2.170	-1.75	54.4	S0409	.07190	10.0105	0.6	V
9005	24364.2A	51 9N	65 44E	74.1	190.2	2.170	-1.40	54.4	S0409	.07190	9.7879	0.6	A
9006	24433.8B	46 5N	63 23E	80.0	189.3	2.170	-24.50	58.5	S0409	.07190	9.0167	0.4	F
9007	24441.6A	46 1N	63 22E	79.6	189.2	2.385	-24.15	58.4	S0409	.07190	9.1194	0.8	A
9008	24559.4A	37 36N	61 49E	73.2	188.1	2.872	-4.90	64.7	S0409	.05410	10.0187	0.6	V
9009	24562.2A	37 36N	61 48E	74.0	188.1	2.872	-4.55	64.7	S0409	.05410	9.7279	0.6	A
1751 5001	29610.6A	55 27N	43 37E	92.6	191.2	1.687	-37.80	50.4	S0130	.02260	7.8409	3.2	A
5002	29702.6A	48 36N	44 29E	99.6	189.7	1.810	40.25	57.0	S0130	.02260	7.3874	1.0	V
9001	29411.2A	69 0N	53 48E	74.8	197.6	1.332	12.95	39.2	S0409	.07190	9.0705	0.6	F
9002	29414.0A	69 0N	53 49E	78.9	197.5	1.332	13.50	39.2	S0409	.07190	9.2766	0.8	V
9003	29514.0A	61 26N	48 6E	75.7	194.5	1.687	-2.10	45.4	S0409	.07190	9.5570	1.0	F
9004	29519.6A	61 26N	48 5E	75.5	193.4	1.687	-1.75	45.4	S0409	.07190	9.5900	0.8	A
9005	29593.2A	56 10N	46 6E	76.0	191.6	2.033	11.55	50.2	S0409	.07190	9.6594	0.6	V
9006	29596.0B	56 10N	46 6E	77.0	191.5	2.033	11.90	50.2	S0409	.07190	9.4063	0.6	A
9007	29660.6A	51 29N	43 29E	74.8	190.3	2.170	-9.80	54.1	S0409	.07190	9.6642	0.6	F
9008	29665.8A	51 30N	43 29E	74.5	190.3	2.170	-9.10	54.1	S0409	.07190	9.7229	0.8	A
9009	29690.4A	49 31N	43 56E	80.5	189.9	2.170	22.05	56.0	S0409	.07190	9.1194	0.8	V
9010	29716.8A	47 36N	42 23E	74.1	189.6	2.385	-5.25	57.3	S0409	.07190	9.7714	0.6	F
9011	29722.0A	47 35N	42 23E	74.8	189.5	2.385	-4.55	57.3	S0409	.07190	9.8043	1.0	A
9012	29734.8A	46 27N	41 32E	77.9	189.3	2.170	-20.30	58.1	S0409	.07190	9.2684	1.0	F
9013	29740.4A	46 27N	41 31E	77.5	189.3	2.385	-19.95	58.1	S0409	.07190	9.3591	1.0	A
9014	29744.6A	44 17N	42 3E	77.5	189.0	2.511	15.40	60.2	S0409	.07190	9.3756	0.6	F
9015	29767.4A	44 17N	42 3E	76.7	189.0	2.511	15.75	60.2	S0409	.07190	9.3652	0.6	V
9016	29774.8A	43 50N	41 24E	72.4	188.9	2.511	-1.75	60.3	S0409	.07190	10.1177	0.8	V
9017	29779.2A	43 44N	41 14E	72.9	188.8	2.511	-2.25	60.4	S0409	.07190	9.9363	0.8	A
9018	29784.6A	43 0N	40 59E	74.2	188.8	2.511	-2.70	60.9	S0409	.07190	9.7466	0.8	F
9019	29790.0A	42 50N	40 59E	74.1	188.7	2.733	-2.35	60.9	S0409	.07190	9.7879	0.6	A
9020	29801.6A	41 54N	41 47E	84.4	188.6	2.385	27.30	62.1	S0409	.05410	8.6028	0.6	V
9021	29804.8A	41 53N	41 47E	85.8	188.6	2.170	28.00	62.2	S0409	.05410	8.4273	0.4	A
9022	30385.2A	1 45N	33 37E	96.2	186.4	2.733	26.25	65.9	S0409	.03090	7.5614	1.0	V

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1751 9023	30400.28	0 30N	32 33E	85.5	186.4	3.574	-7.70	62.4	S0409	.05410	8.4190	1.0	F
9024	30407.08	0 42N	32 36E	85.2	186.4	3.574	-3.50	62.2	S0409	.05410	8.5545	0.8	V
9025	30410.28	0 48N	32 38E	86.4	186.4	3.574	-3.15	62.2	S0409	.05410	8.3056	0.6	A
9026	30421.08	0 46S	31 45E	96.6	186.4	3.574	-30.10	61.2	S0409	.05410	7.4460	1.0	A
9027	30705.68	20 4S	28 48E	99.7	186.6	3.439	-9.10	45.3	S0409	.05410	7.2392	0.6	V
9028	30744.88	25 44S	28 1E	104.1	187.1	3.090	0.70	40.4	S0409	.05410	6.8523	0.8	F
9029	30748.68	25 46S	28 1E	103.2	187.1	3.090	1.40	40.4	S0409	.05410	6.8768	0.8	V
9030	30754.08	25 48S	28 1E	102.2	187.1	2.872	10.05	40.1	S0409	.05410	6.7463	0.6	V
9031	30797.88	26 7S	28 17E	108.0	187.2	2.872	11.55	40.2	S0409	.05410	6.5554	0.6	A
1752 9001	34692.47	69 45N	33 7E	78.8	199.0	1.332	9.80	37.6	S0409	.07190	9.1694	0.4	F
9002	34695.27	69 49N	33 8E	77.9	198.5	1.332	10.15	37.6	S0409	.09670	9.3928	0.4	V
9003	34700.27	69 48N	33 23E	76.7	198.5	1.332	3.50	37.9	S0409	.09670	9.5522	0.6	V
9004	34705.07	69 7N	32 26E	77.9	198.5	1.332	4.20	38.2	S0409	.09670	9.4005	0.4	V
9005	34707.87	69 1N	32 28E	78.8	198.1	1.332	10.50	38.2	S0409	.07190	9.1777	0.4	A
9006	34852.47	59 13N	24 5E	74.1	192.5	1.647	-19.60	47.2	S0409	.07190	9.1194	0.6	F
9007	34855.47	59 13N	24 4E	74.1	192.5	1.647	-19.60	47.2	S0409	.07190	9.3473	0.6	V
9008	34863.27	59 27N	24 30E	75.1	192.4	1.810	-1.75	48.1	S0409	.07190	9.6229	0.8	F
9009	34869.67	59 27N	24 30E	75.0	192.2	1.810	-1.05	48.1	S0409	.07190	9.8559	0.8	A
9010	34885.67	57 8N	24 5E	74.4	191.3	2.033	3.85	49.3	S0409	.07190	9.8554	0.8	V
9011	34888.47	57 3N	24 5E	75.2	191.3	2.033	4.20	49.3	S0409	.07190	9.6229	0.6	A
9012	34893.07	56 56N	23 58E	74.8	191.7	2.033	-0.70	49.9	S0409	.07190	9.6724	0.6	F
9013	34896.87	56 50N	23 57E	75.9	191.6	2.033	-0.35	49.9	S0409	.07190	9.9114	0.4	V
9014	34899.67	56 45N	23 56E	74.8	191.5	2.033	0.70	50.3	S0409	.07190	9.6724	0.6	F
9015	34905.07	56 35N	23 57E	74.7	191.4	2.033	1.40	50.3	S0409	.07190	9.6472	0.6	V
9016	34911.27	56 24N	23 53E	78.5	191.3	2.033	17.85	51.0	S0409	.07190	9.3543	0.6	V
9017	34914.07	56 18N	23 53E	79.6	191.3	2.033	18.20	51.0	S0409	.07190	9.0869	0.6	A
9018	34923.27	56 2ON	22 27E	75.1	191.1	2.033	-9.80	51.5	S0409	.07190	9.6147	0.6	F
9019	34926.07	56 2ON	22 26E	74.2	191.0	2.033	-9.80	51.5	S0409	.07190	9.8704	0.6	V
9020	34941.87	55 49N	21 46E	73.8	190.9	1.516	-22.75	51.7	S0409	.07190	9.2899	0.8	V
9021	34944.27	55 43N	21 2E	74.2	190.7	2.033	18.20	52.8	S0409	.07190	9.1282	0.4	A
9022	35008.87	48 39N	20 15E	75.9	189.7	2.170	-15.40	56.3	S0409	.07190	9.5075	0.6	F
9023	35014.07	48 27N	20 2E	76.4	189.7	2.170	-19.25	56.5	S0409	.07190	9.5817	1.2	V
9024	35017.47	48 24N	20 1E	77.2	189.6	2.385	-19.25	56.5	S0409	.07190	9.4003	0.6	A
9025	35022.07	47 46N	19 43E	79.0	189.5	2.170	-22.75	57.0	S0409	.07190	9.1190	0.6	F
9026	35024.87	47 41N	19 43E	77.9	189.5	2.170	-22.40	57.0	S0409	.07190	9.3320	0.6	V
9027	35030.87	47 7N	19 29E	74.8	189.5	2.170	-24.15	57.5	S0409	.07190	9.0575	0.6	F
9028	35033.67	47 1N	19 29E	74.6	189.4	2.170	-23.80	57.5	S0409	.07190	9.3036	0.6	V
9029	35038.47	46 50N	19 40E	76.2	189.4	2.385	-16.80	57.7	S0409	.07190	9.5157	0.8	A
9030	35042.87	46 42N	19 29E	76.1	189.3	2.385	-18.91	58.1	S0409	.07190	9.6229	0.6	V
9031	35045.67	46 36N	19 28E	76.9	189.3	2.385	-18.55	58.1	S0409	.07190	9.4415	0.6	A
9032	35056.67	45 16N	19 50E	74.2	189.1	2.511	3.15	59.2	S0409	.07190	9.7651	0.4	F
9033	35060.27	45 17N	19 50E	73.4	189.1	2.511	3.50	59.2	S0409	.07190	9.9940	0.4	V
9034	35063.47	45 0N	19 36E	72.9	189.1	2.511	-1.75	59.4	S0409	.07190	10.0435	0.4	V
9035	35066.07	45 1N	19 36E	73.8	189.0	2.511	-1.40	59.4	S0409	.07190	9.8126	0.4	A
9036	35100.87	43 23N	18 49E	73.4	188.7	2.733	-8.75	61.2	S0409	.09670	9.9775	0.6	V
9037	35103.67	43 17N	18 49E	74.2	188.7	2.733	-8.40	61.3	S0409	.09670	9.7714	0.6	A
9038	35113.47	41 54N	19 43E	88.8	188.6	2.170	30.45	62.3	S0409	.05410	8.2046	0.6	A
9039	35119.27	41 42N	19 27E	83.8	188.5	2.385	25.55	62.5	S0409	.05410	8.6007	0.8	A
9040	35124.07	40 30N	19 30E	90.8	188.3	2.511	31.85	63.2	S0409	.03090	8.0309	0.8	F
9041	35263.07	31 16N	16 36E	76.5	187.5	2.872	11.90	66.6	S0409	.07190	9.5735	1.2	V
9042	35265.27	31 7N	16 34E	76.6	187.5	2.872	11.90	66.7	S0409	.07190	9.5652	0.8	V
9043	35268.07	31 7S	16 34E	77.6	187.5	2.872	12.25	66.7	S0409	.05410	9.3015	0.8	A
9044	35727.67	8 41S	10 19E	85.9	186.4	3.439	-6.95	64.5	S0409	.05410	8.4685	1.0	V
9045	35730.47	1 15S	10 38E	91.1	186.4	3.211	13.20	64.4	S0409	.05410	7.8500	1.0	A
9046	35734.47	1 49S	11 4E	105.4	186.4	2.514	30.80	64.4	S0409	.05410	6.7892	0.8	A
9047	35752.67	3 47S	10 59E	107.4	186.4	2.733	31.85	60.7	S0409	.04090	6.7203	1.0	F
1753 9001	40300.87	48 48N	1 53W	74.2	189.9	2.033	-24.50	55.4	S0409	.07190	9.2436	0.8	V
9002	40303.87	48 42N	1 52W	74.9	189.9	2.033	-24.15	55.4	S0409	.07190	9.0707	0.6	A
1754 9001	45346.27	64 13N	15 23W	79.4	195.0	1.475	17.15	42.8	S0409	.07190	9.2354	0.8	V
9002	45749.67	38 40N	27 13W	85.2	188.2	2.511	-32.20	63.5	S0409	.05410	8.5097	0.6	A
9003	46413.67	5 24S	35 10W	91.5	186.5	3.439	-17.15	57.3	S0409	.05410	7.5408	0.8	V
9004	46417.07	5 24S	35 12W	92.6	186.5	3.439	-16.45	57.3	S0409	.05410	7.7676	0.8	A
9005	46441.27	8 0S	34 55W	94.4	186.5	3.439	6.95	55.9	S0409	.05410	7.7841	1.2	F
9006	46448.07	8 0S	34 55W	93.1	186.5	3.211	7.25	55.9	S0409	.05410	7.6764	1.2	A
9007	46469.27	9 20S	35 48W	94.9	186.5	3.574	-16.45	54.4	S0409	.05410	7.5897	1.2	A
1755 9001	51545.86	5 52N	51 10W	84.1	186.4	3.439	-16.10	65.7	S0409	.05410	7.6746	0.8	V
9002	51548.06	5 34N	51 11W	85.1	186.4	3.439	-15.75	65.7	S0409	.05410	7.4585	0.6	A
9003	51667.66	2 20S	54 49W	126.3	186.4	1.816	43.40	61.3	S0409	.04090	5.6404	0.8	A
9004	52013.46	26 17S	59 19W	124.7	187.1	2.170	31.85	40.5	S0409	.05410	6.7326	1.0	V
9005	52035.66	27 14S	60 43W	105.5	187.2	3.211	0.00	39.0	S0409	.05410	8.7616	1.0	F
9006	52037.26	27 24S	60 47W	106.0	187.2	3.211	1.75	38.8	S0409	.05410	8.7564	0.8	F
9007	52045.66	27 39S	60 55W	104.7	187.2	3.211	-4.15	38.6	S0409	.05410	8.6773	1.0	V
9008	52044.06	27 50S	60 25W	111.1	187.3	2.733	13.60	38.5	S0409	.05410	8.3575	1.0	A
9009	52045.86	28 7S	61 27W	111.2	187.3	2.733	13.45	38.4	S0409	.05410	8.3576	0.8	A
9010	52058.46	29 14S	61 47W	109.6	187.3	3.211	-17.45	36.9	S0409	.05410	8.5537	1.0	V
9011	52065.26	29 33S	61 36W	108.1	187.4	3.211	-9.45	36.4	S0409	.05410	8.5902	0.8	F
9012	52071.26	30 2S	61 34W	106.9	187.4	3.090	-7.00	36.3	S0409	.05410	8.7235	1.0	V
9013	52076.86	30 29S	62 1W	111.0	187.4	3.211	-16.10	35.6	S0409	.05410	8.4078	0.8	F
9014	52099.46	31 41S	60 48W	119.5	187.5	2.511	21.35	35.3	S0409	.05410	8.4700	1.0	F
9015	52103.86	32 2OS	63 11W	127.7	187.6	2.872	-33.25	34.6	S0409	.05410	8.5498	0.8	F

Handle via BYEMAN Channels BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1755 9016	52108.66	32 20S	63 11W	125.9	187.6	3.090	-32.90	33.6	S0409	.05410	5.7143	0.6	V
9017	52120.26	33 20S	61 30W	114.2	187.7	2.511	14.00	33.5	S0409	.05410	6.2333	1.0	V
9018	52132.86	34 0S	63 20W	121.3	187.8	3.090	-27.65	32.2	S0409	.05410	5.9205	1.4	V
9019	52137.86	34 44S	63 26W	122.2	187.8	2.872	-26.60	31.6	S0409	.05410	5.7956	1.0	F
9020	52142.26	35 0S	63 1AW	118.7	187.8	3.090	-22.40	31.4	S0409	.05410	5.9752	0.6	F
9021	52146.06	35 0S	63 17W	117.0	187.8	3.090	-21.70	31.5	S0409	.05410	6.1349	1.0	V
9022	52151.66	35 0S	63 1W	114.7	187.9	3.090	-14.35	31.5	S0409	.05410	6.1679	2.6	A
9023	52158.86	35 0oS	63 15W	116.4	187.9	3.090	-17.15	31.0	S0409	.05410	6.0854	1.0	A
9024	52164.26	36 0S	63 1W	113.9	188.0	3.090	-9.45	30.8	S0409	.05410	6.2091	1.0	A
9025	52167.86	36 10S	63 7W	114.3	188.0	3.090	-10.50	30.5	S0409	.05410	6.1844	2.2	A
9026	52173.26	36 29S	63 9W	112.7	188.0	2.872	-7.70	29.9	S0409	.07190	6.3575	2.0	V
9027	52179.46	37 2S	63 15W	114.6	188.1	2.872	-8.75	29.8	S0409	.05410	6.1679	1.0	A
9028	52185.66	37 40S	63 7W	113.0	188.1	2.733	-1.75	29.2	S0409	.07190	6.3410	1.0	V
9029	52190.06	37 47S	63 1W	114.8	188.1	2.733	1.05	29.3	S0409	.05410	6.1431	1.0	A
9030	52208.06	39 2oS	62 6W	130.0	188.2	2.033	26.25	28.7	S0409	.07190	5.4999	0.8	V
9031	52204.86	39 2oS	62 9W	132.5	188.3	1.810	26.95	28.7	S0409	.07190	5.3020	1.0	A
9032	52334.26	47 4oS	65 55W	121.3	189.5	2.386	-3.50	19.8	S0409	.07190	5.8793	1.0	V
9033	52339.46	48 10S	66 23W	123.7	189.6	2.386	-9.75	19.2	S0409	.07190	5.7861	1.0	F
9034	52345.46	48 21S	66 48W	125.3	189.7	2.511	-15.75	19.0	S0409	.07190	5.6896	1.0	V
9035	52350.86	48 29S	66 47W	126.7	189.7	2.511	-14.70	18.9	S0409	.07190	5.5577	1.0	A
9036	52355.66	48 37S	67 47W	126.1	189.9	2.511	-25.90	17.9	S0409	.07190	5.1701	1.0	A
1756 9001	56634.86	20 26N	74 29W	77.6	186.8	3.439	-9.45	70.8	S0409	.05410	9.3178	2.0	F
9002	56640.26	20 24N	74 29W	77.6	186.8	3.439	-9.75	70.8	S0409	.07190	9.3178	1.2	A
9003	56641.96	20 10N	74 31W	77.5	186.8	3.439	-8.75	70.8	S0409	.07190	9.3096	4.2	A
9004	56911.86	1 27N	77 17W	87.4	186.4	3.211	14.00	63.4	S0409	.05410	8.3566	1.0	V
9005	56934.26	0 23S	76 59W	106.7	186.4	2.733	32.90	62.5	S0409	.04090	6.7781	0.6	F
9006	56953.86	0 57S	77 25W	115.7	186.4	3.211	-44.10	60.4	S0409	.04090	6.2421	1.0	A
9007	56963.86	1 10S	77 39W	117.9	186.4	2.872	-44.80	59.4	S0409	.04090	6.0277	0.8	F
9008	56968.26	1 14S	77 39W	116.4	186.4	3.090	-44.80	59.4	S0409	.04090	6.1326	0.8	V
9009	56974.86	1 22S	77 47W	118.8	186.4	2.872	-44.80	58.9	S0409	.04090	6.0194	0.6	F
9010	56986.26	1 40S	78 33W	87.8	186.4	3.674	-3.15	59.5	S0409	.05410	8.1534	1.0	A
9011	56996.06	1 57S	79 22W	97.7	186.4	3.674	-29.05	58.6	S0409	.03090	7.4718	0.8	A
1758 9001	66989.06	37 37N	114 51W	73.2	188.1	2.872	-8.35	64.7	S0409	.05410	9.8351	0.6	F
9002	66993.26	37 40N	114 51W	73.3	188.1	2.872	0.70	64.7	S0409	.05410	9.8756	0.4	A
9003	67051.46	33 40N	115 56W	74.4	187.7	3.090	-3.85	67.2	S0409	.05410	9.7219	0.4	F
9004	67056.06	33 10N	115 56W	74.4	187.7	3.090	-2.80	67.3	S0409	.05410	9.7219	0.4	A
1760 9001	76277.85	51 00N	17 35E	96.8	349.3	-2.167	-3.15	-16.4	S0130	.29710	7.6878	0.6	F
9002	76287.85	51 20N	11 56E	109.3	349.3	-1.812	25.75	-15.9	S0130	.29710	6.5794	0.4	A
9003	76302.45	52 40N	14 0E	104.4	349.4	-2.028	-21.35	-15.4	S0130	.29710	6.8432	0.8	A
9004	76309.05	53 0N	13 17E	97.8	349.2	-2.167	-10.15	-14.9	S0130	.29710	7.3297	0.6	A
1762 9001	1536.64	57 4N	161 30E	86.4	191.7	1.687	-31.15	48.9	S0130	.02260	8.4180	4.8	A
9001	1504.64	58 24N	163 43E	74.7	192.4	1.810	-0.70	47.5	S0409	.09670	9.8166	4.4	V
9002	1511.64	58 30N	163 35E	75.5	192.3	1.810	-0.35	47.8	S0409	.09670	9.5989	4.6	A
9003	1524.04	57 42N	161 47E	85.6	192.0	1.475	-30.80	48.3	S0409	.07190	8.5548	4.4	V
9004	1531.04	57 26N	161 40E	86.3	191.8	1.687	-31.40	48.6	S0409	.07190	8.4106	3.6	A
9005	1591.24	53 7N	160 1E	85.2	190.7	1.687	-31.50	52.3	S0409	.07190	8.5922	0.4	V
9006	1594.44	53 1N	160 0E	86.0	190.6	1.687	-31.50	52.3	S0409	.07190	8.4273	0.4	A
9007	2500.24	9 24S	147 13E	97.1	186.5	3.439	-23.10	54.4	S0409	.05410	7.4707	1.0	V
9008	2504.64	9 47S	147 9E	99.5	186.5	3.439	-24.50	54.3	S0409	.07190	7.2234	0.6	A
1763 9001	6941.04	50 56N	137 4E	84.4	193.1	1.810	-31.15	54.4	S0409	.07190	8.6664	0.4	V
9002	6943.84	50 54N	137 4E	85.2	193.0	2.033	-31.15	54.4	S0409	.07190	8.5262	0.6	A
9003	7022.64	44 47N	136 27E	73.0	189.6	2.511	0.00	59.4	S0409	.05410	10.0434	0.4	V
9004	7025.24	44 47N	136 27E	73.9	189.6	2.511	0.35	59.4	S0409	.05410	9.2128	0.4	A
9005	7040.84	43 56N	135 29E	76.9	188.9	2.385	-20.65	60.1	S0409	.07190	9.5322	0.6	V
9006	7043.64	43 56N	135 29E	77.6	188.8	2.386	-20.30	60.1	S0409	.07190	9.3591	0.6	A
1764 9001	12487.44	34 4N	111 2E	78.8	187.3	2.733	-22.75	66.4	S0130	.02260	9.1683	0.4	F
9002	12491.44	33 50N	110 60E	78.0	187.7	2.733	-23.75	66.4	S0130	.02260	9.3992	0.4	V
9003	12494.24	33 50N	111 0E	78.5	187.7	2.733	-23.05	66.5	S0130	.02260	9.2590	4.3	A
9004	12593.64	26 40N	109 42E	77.3	187.2	3.090	-16.10	69.7	S0130	.02260	9.3497	0.6	F
9005	12598.64	26 23N	109 51E	75.4	187.2	3.211	-7.00	70.0	S0130	.02260	9.5988	3.2	F
9006	12605.24	26 10N	109 50E	75.5	187.1	3.211	-5.95	70.1	S0130	.02260	9.6053	2.4	A
9001	12221.84	52 17N	117 44E	83.5	190.5	2.033	25.90	53.5	S0409	.07190	8.7818	0.6	V
9002	12225.04	52 10N	117 44E	84.7	190.5	2.033	26.25	53.5	S0409	.07190	8.5427	0.4	A
9003	12242.44	50 47N	116 1AE	74.2	190.2	2.386	0.70	54.6	S0409	.05410	9.7631	0.6	F
9004	12248.24	50 46N	116 1AE	74.1	190.1	2.386	1.40	54.6	S0409	.05410	9.7714	0.6	A
9005	12282.04	48 10N	114 40E	77.7	189.6	2.179	-20.30	56.5	S0409	.05410	9.2849	0.8	F
9006	12287.64	48 10N	114 40E	77.4	189.6	2.386	-19.95	56.5	S0409	.05410	9.3458	0.6	A
9007	12384.64	41 4N	113 1E	72.9	188.5	2.733	-10.15	62.1	S0409	.05410	10.0600	0.6	V
9008	12394.04	40 40N	113 11E	73.2	188.3	2.733	-1.75	62.4	S0409	.05410	9.9033	0.6	A
9009	12403.64	39 40N	113 9E	74.5	188.4	2.872	5.60	63.2	S0409	.05410	9.7631	1.0	F
9010	12409.04	39 40N	113 9E	74.3	188.5	2.733	6.30	63.2	S0409	.05410	9.7484	0.8	A
9011	12419.64	38 41N	112 37E	73.6	188.2	2.872	-4.20	63.8	S0409	.07190	9.8456	0.4	F
9012	12422.24	38 41N	112 37E	72.7	188.2	2.872	-3.85	63.8	S0409	.07190	10.0847	0.4	V
9013	12424.04	38 42N	112 37E	73.5	188.2	2.872	-3.50	63.8	S0409	.07190	9.8321	0.4	A

Handle via
BYEMAN Channels
BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1764 9014	12429.24	3N 1N	112 33E	73.7	188.2	2.872	-0.70	64.3	S0409	.07190	9.8373	0.6	F
9015	12434.44	3N 1N	112 33E	73.7	188.1	2.872	0.00	64.3	S0409	.07190	9.8291	0.6	A
9016	12440.04	37 26N	112 34E	73.6	188.1	2.872	5.25	64.4	S0409	.07190	9.8693	0.4	V
9017	12445.64	37 27N	112 34E	74.5	188.1	2.872	5.60	64.4	S0409	.07190	9.7210	0.6	A
9018	12475.64	34 43N	112 32E	84.6	187.8	2.733	25.55	66.4	S0409	.05410	8.5322	0.6	F
9019	12481.04	34 0N	111 2E	78.9	187.8	2.733	-22.75	66.4	S0409	.05410	9.1634	1.6	F
9020	12490.84	34 2N	111 0E	78.0	187.7	2.733	-22.75	66.4	S0409	.07190	9.4003	1.0	V
9021	12511.04	32 50N	110 50E	76.4	187.6	2.872	-18.55	67.3	S0409	.07190	9.5408	0.6	V
9022	12528.24	31 0N	111 40E	84.0	187.5	2.872	24.15	66.8	S0409	.05410	8.6502	0.6	F
9023	12531.24	31 0N	111 45E	83.3	187.5	2.872	24.50	66.8	S0409	.05410	8.4056	0.4	V
9024	12569.64	28 22N	110 21E	75.1	187.3	3.211	-3.15	69.5	S0409	.07190	9.6594	1.0	F
9025	12575.04	28 22N	110 21E	75.1	187.3	3.211	-2.10	69.5	S0409	.07190	9.6512	1.0	A
9026	12612.04	25 26N	109 28E	77.4	187.1	3.090	-15.40	70.1	S0409	.05410	9.3251	0.6	F
9027	12617.64	25 26N	109 28E	77.2	187.1	3.211	-14.35	70.1	S0409	.05410	9.3438	0.6	A
9028	12636.44	23 50N	109 16E	75.9	187.0	3.211	-11.55	70.5	S0409	.07190	9.6477	0.4	V
9029	12639.24	23 50N	109 16E	76.7	187.0	3.211	-10.85	70.5	S0409	.05410	9.4415	0.4	A
9030	12713.44	18 40N	108 51E	79.4	186.6	3.211	11.90	71.2	S0409	.05410	9.2106	0.6	V
9031	12713.44	18 40N	108 51E	80.6	186.6	3.211	12.25	71.2	S0409	.05410	8.9965	0.6	A
9032	12748.84	16 30N	107 44E	80.9	186.7	3.439	-17.85	70.2	S0409	.05410	8.9138	3.4	F
9033	12747.64	16 31N	107 43E	80.7	186.7	3.439	-16.80	70.2	S0409	.05410	8.9653	4.0	A
9034	12830.44	11 0N	106 51E	81.9	186.3	3.439	-14.00	68.5	S0409	.05410	8.7983	4.4	F
9035	12943.24	4 1N	105 42E	84.7	186.4	3.574	-2.10	64.5	S0409	.05410	8.4767	0.6	A
9036	13048.64	4 36S	105 14E	102.2	186.4	2.733	27.30	59.7	S0409	.05410	7.0997	0.6	V
9037	13054.44	5 13S	105 11E	104.9	186.4	2.733	29.35	58.8	S0409	.05410	6.8853	0.6	F
9038	13061.64	5 27S	105 10E	110.5	186.4	2.511	33.60	58.8	S0409	.04030	6.5719	0.4	V
9039	13065.24	5 27S	105 9E	112.6	186.4	2.170	34.30	58.8	S0409	.04030	6.3428	0.6	A
1765 5001	17471.03	56 40N	95 30E	78.2	191.6	1.810	-14.20	49.5	S0130	.03150	9.2443	0.6	F
5002	17475.43	56 41N	95 40E	75.4	191.5	1.810	-12.60	49.7	S0130	.03150	9.7125	0.4	V
5003	17478.23	56 41N	95 39E	76.3	191.5	2.033	-12.95	49.7	S0130	.03150	9.5929	0.4	A
9001	17471.03	56 40N	95 30E	78.2	191.6	1.810	-14.20	49.5	S0409	.07190	9.2304	0.6	F
9002	17475.43	56 40N	95 40E	75.4	191.5	1.810	-12.60	49.7	S0409	.07190	9.7136	0.4	V
9003	17478.23	56 40N	95 39E	76.3	191.5	2.033	-12.95	49.7	S0409	.07190	9.5290	0.4	A
9004	17700.63	49 50N	88 57E	89.0	188.5	2.170	-37.10	61.7	S0409	.04090	8.2129	0.6	V
9005	17733.83	48 50N	88 57E	89.6	188.4	2.170	-36.75	61.7	S0409	.04090	7.9974	0.6	A
9006	17962.83	39 40N	86 21E	87.1	187.0	2.872	-31.15	70.2	S0409	.05410	8.2541	0.4	F
9007	17965.83	39 41N	86 21E	86.9	186.9	2.872	-30.80	70.2	S0409	.05410	8.0097	0.6	V
9008	17979.03	21 49N	87 1E	77.3	186.9	3.211	-5.60	71.1	S0409	.05410	7.4673	1.0	F
9009	17984.63	21 49N	87 1E	77.5	186.9	3.211	-5.85	71.1	S0409	.05410	7.3178	1.0	A
1766 9001	22799.83	55 1N	73 34E	75.0	191.5	2.170	0.70	50.9	S0409	.05410	9.8559	0.6	F
9002	22805.23	55 1N	73 35E	74.9	191.2	2.170	1.40	50.9	S0409	.05410	9.8724	0.6	A
9003	22871.63	50 19N	71 46E	73.2	190.0	2.385	-1.05	54.9	S0409	.05410	10.0105	0.6	V
9004	22874.43	50 18N	71 45E	74.1	190.0	2.385	-0.70	54.9	S0409	.05410	9.7796	0.4	A
9005	22934.23	45 50N	71 21E	84.4	189.2	2.170	27.65	58.8	S0409	.05410	8.6994	0.4	V
9006	22937.23	45 50N	71 22E	85.7	189.2	2.170	28.00	58.8	S0409	.05410	8.4438	0.6	A
9007	22944.43	42 44N	69 30E	74.0	188.7	2.733	1.75	61.2	S0409	.05410	9.7961	1.0	F
9008	22949.83	42 44N	69 29E	74.0	188.7	2.733	2.45	61.2	S0409	.05410	9.7479	0.6	A
9009	22993.63	41 41N	69 16E	74.2	188.6	2.733	4.85	62.0	S0409	.07190	9.7581	0.6	F
9010	23002.43	41 41N	69 16E	73.4	188.5	2.733	4.20	62.0	S0409	.07190	9.9158	0.4	V
9011	23005.03	41 41N	69 16E	74.3	188.5	2.733	4.55	62.0	S0409	.07190	9.7584	0.4	A
9012	23020.83	40 40N	68 58E	75.4	188.4	2.733	8.75	62.4	S0409	.07190	9.6462	0.6	A
9013	23038.63	39 39N	68 30E	76.7	188.2	2.733	13.30	64.1	S0409	.05410	9.4540	0.6	F
9014	23042.43	39 39N	68 30E	76.0	188.2	2.733	14.65	64.1	S0409	.05410	9.6477	0.4	V
9015	23054.63	37 39N	67 32E	79.3	188.1	2.511	-24.50	64.2	S0409	.05410	9.8575	0.6	F
9016	23060.23	37 40N	67 31E	79.5	188.1	2.733	-24.15	64.2	S0409	.05410	9.1554	0.4	A
9017	23080.23	35 24N	67 49E	89.5	187.9	2.511	32.55	66.2	S0409	.04030	8.1481	0.6	V
9018	23083.43	35 25N	67 49E	91.1	187.9	2.170	33.25	66.2	S0409	.04030	7.9525	0.6	A
9019	23897.23	20 45S	57 42E	103.0	186.4	3.090	9.10	45.5	S0409	.04030	5.9512	1.0	F
9020	23904.03	20 45S	57 45E	104.5	186.3	2.872	11.55	45.6	S0409	.07190	6.7946	0.6	A
1767 5001	28131.23	53 54N	49 51E	81.4	190.6	1.687	-25.20	51.9	S0130	.02260	8.4550	0.6	F
5002	28137.03	53 54N	49 52E	81.0	190.7	2.033	-24.85	51.9	S0130	.02260	9.9469	0.6	A
5003	28157.23	51 49N	48 54E	87.9	190.4	1.810	-33.60	53.3	S0130	.02260	9.2057	2.6	F
5004	28164.03	51 48N	48 58E	85.3	190.3	2.033	-31.15	53.4	S0130	.02260	8.5252	2.6	A
9001	27973.43	64 12N	55 17E	79.3	194.9	1.332	-16.45	42.5	S0409	.07190	9.1054	0.6	F
9002	27979.23	64 12N	55 17E	79.0	194.7	1.332	-16.10	42.5	S0409	.07190	9.1777	0.8	A
9003	28047.83	57 50N	53 17E	77.6	192.1	1.687	14.70	48.4	S0409	.07190	9.4498	0.6	V
9004	28070.63	57 50N	53 17E	78.6	192.1	1.687	15.05	48.4	S0409	.07190	9.2106	0.6	A
9005	28080.43	57 1N	53 4E	79.3	191.8	1.687	18.90	49.2	S0409	.07190	9.2436	0.4	V
9006	28083.23	57 1N	53 4E	80.3	191.8	1.687	19.25	49.2	S0409	.07190	9.0045	0.4	A
9007	28131.23	53 54N	49 51E	81.5	190.8	1.687	-25.20	51.9	S0409	.07190	8.8561	0.6	F
9008	28134.03	53 54N	49 52E	80.2	190.8	1.687	-24.85	51.9	S0409	.07190	9.1282	0.6	V
9009	28144.83	53 1N	49 42E	80.5	190.6	2.033	-24.15	52.4	S0409	.07190	9.0127	0.8	A
9010	28198.23	49 6N	49 31E	74.5	189.3	2.385	7.70	56.0	S0409	.07190	9.8476	0.6	V
9011	28201.03	49 5N	49 31E	75.4	189.8	2.385	8.05	56.0	S0409	.07190	9.5982	0.6	A
9012	28213.63	47 50N	47 56E	82.3	189.6	2.170	-28.35	56.6	S0409	.07190	8.6994	0.6	F
9013	28216.63	47 50N	47 56E	81.6	189.6	2.170	-28.00	56.6	S0409	.07190	8.9715	0.8	V
9014	28228.63	46 51N	48 20E	74.5	189.4	2.385	-3.85	57.7	S0409	.07190	9.7436	1.6	F
9015	28234.03	46 51N	48 19E	74.3	189.3	2.385	-7.35	57.7	S0409	.07190	9.7549	1.6	A
9016	28242.03	46 1N	48 4E	74.7	189.3	2.385	-10.15	58.1	S0409	.07190	9.7136	0.6	A
9017	28273.03	43 50N	47 38E	73.1	188.9	2.385	-3.15	60.0	S0409	.09670	10.0270	0.6	V
9018	28275.83	43 50N	47 38E	73.9	188.9	2.733	-3.15	60.0	S0409	.09670	9.8043	0.6	A

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1767 9019	28288.23	42 54N	47 39E	74.2	188.8	2.733	7.00	60.9	S0409	.0967U	9.8746	0.6	V
9020	28291.03	42 54N	47 39E	75.1	188.7	2.733	7.35	60.9	S0409	.0967U	9.8512	0.6	A
9021	28311.63	41 25N	46 26E	76.6	188.5	2.511	-20.65	61.7	S0409	.04090	9.5467	0.6	V
9022	28314.43	41 25N	46 26E	77.4	188.5	2.511	-20.30	61.7	S0409	.04090	9.5756	0.6	A
9023	28350.23	38 57N	45 39E	80.4	188.2	2.511	-25.90	63.3	S0409	.05410	9.8292	0.6	A
9024	28377.43	36 59N	45 12E	78.9	188.0	2.511	-25.55	64.6	S0409	.07190	9.2766	0.6	V
9025	28380.43	36 52N	45 11E	79.7	188.0	2.733	-25.55	64.7	S0409	.05410	9.1117	0.6	A
9026	28409.63	34 54N	45 24E	74.5	187.8	2.733	1.40	66.6	S0409	.07190	9.7219	1.6	F
9027	28415.03	34 54N	45 24E	74.7	187.8	2.733	2.45	66.6	S0409	.07190	9.6972	1.6	A
9028	28425.03	33 58N	44 17E	84.1	187.7	2.511	-31.15	66.4	S0409	.04090	8.6911	2.4	V
9029	28430.83	33 25N	44 23E	81.6	187.7	2.733	-26.60	66.7	S0409	.05410	8.8890	2.6	A
9030	28436.23	32 51N	44 14E	81.7	187.6	2.733	-28.80	66.9	S0409	.05410	8.9653	0.6	V
9031	28783.43	9 50N	40 2E	82.2	186.3	3.439	-15.75	67.5	S0409	.05410	8.8808	1.0	V
9032	28854.83	3 0S	39 47E	126.4	186.4	2.170	43.40	61.0	S0409	.04090	5.7556	1.0	V
9033	28863.43	3 0S	39 36E	126.1	186.4	2.170	42.35	60.2	S0409	.04090	5.7473	0.6	F
9034	28868.83	4 0S	39 33E	123.4	186.4	2.170	41.65	60.2	S0409	.04090	5.8057	0.6	V
9035	28875.43	4 11S	39 37E	130.2	186.4	1.810	44.10	60.1	S0409	.04090	5.4670	1.2	A
9036	28884.03	5 2S	39 42E	100.7	186.3	3.439	-27.65	55.5	S0409	.05410	7.1525	1.0	A
9037	28883.03	25 36S	32 55E	126.5	187.1	2.872	-36.40	40.1	S0409	.05410	5.5089	1.6	F
9038	28889.63	25 36S	32 31E	136.9	187.1	2.872	-42.00	39.6	S0409	.04090	5.1701	0.4	F
9039	28894.63	25 36S	32 31E	135.0	187.1	2.872	-41.65	39.6	S0409	.05410	5.3268	0.6	V
9040	28894.23	27 39S	32 27E	124.5	187.3	3.090	-34.30	37.9	S0409	.05410	5.7303	0.6	V
9041	28899.03	27 39S	32 27E	125.4	187.3	3.090	-33.60	37.9	S0409	.05410	5.6813	0.6	A
1768 9001	33440.23	53 32N	26 57E	96.1	190.8	1.475	-40.25	51.7	S0130	.02260	7.4649	0.6	F
9002	33447.03	53 32N	26 58E	95.3	190.7	1.687	-39.90	51.7	S0130	.02260	7.6265	0.6	A
9001	33212.43	69 40N	37 49E	77.9	198.0	1.352	3.15	38.4	S0409	.07190	9.2766	0.6	F
9002	33218.03	69 40N	37 49E	77.8	197.7	1.332	3.50	38.4	S0409	.09670	9.3036	0.6	A
9003	33238.03	67 24N	34 14E	90.1	196.7	0.986	-32.90	39.4	S0409	.05410	8.1159	0.6	V
9004	33241.23	67 25N	34 14E	91.1	196.5	0.986	-32.90	39.4	S0409	.05410	7.9572	0.6	A
9005	33249.83	66 31N	34 38E	79.7	196.2	1.332	-18.55	40.3	S0409	.09670	9.1309	0.6	V
9006	33252.83	66 30N	34 37E	80.6	196.0	1.332	-18.55	40.3	S0409	.09670	8.9362	0.6	A
9007	33269.23	64 57N	34 18E	76.8	195.3	1.475	-5.25	41.8	S0409	.07190	9.4003	1.0	F
9008	33274.83	64 57N	34 18E	76.6	195.1	1.475	-4.90	41.9	S0409	.07190	9.4478	0.8	A
9009	33303.83	62 31N	33 46E	77.6	194.1	1.687	15.05	44.2	S0409	.07190	9.0952	1.0	F
9010	33308.03	61 25N	33 52E	76.5	193.4	1.687	-9.80	45.1	S0409	.07190	9.4565	0.4	A
9011	33339.23	60 20N	33 46E	80.4	193.0	1.475	-21.00	46.0	S0409	.07190	8.9797	4.6	F
9012	33347.43	60 10N	33 42E	79.9	192.8	1.687	-20.65	46.1	S0409	.07190	9.0787	4.8	A
9013	33420.23	54 50N	28 47E	75.2	191.2	2.033	-12.95	50.8	S0409	.07190	9.7486	0.6	V
9014	33423.03	54 59N	28 47E	75.9	191.1	2.033	-12.60	50.8	S0409	.07190	9.5570	0.4	A
9015	33431.83	54 42N	28 30E	75.0	191.0	2.033	-12.60	51.5	S0409	.07190	9.7714	0.6	V
9016	33440.23	53 32N	26 57E	96.2	190.8	1.475	-40.25	51.7	S0409	.05410	7.4707	0.4	F
9017	33447.03	53 32N	26 58E	95.3	190.7	1.687	-39.90	51.7	S0409	.05410	7.6274	0.6	A
9018	33457.03	52 10N	25 16E	74.6	190.5	2.170	0.35	53.2	S0409	.07190	9.7136	2.6	F
9019	33463.03	52 10N	25 14E	74.4	190.4	2.170	0.00	53.3	S0409	.07190	9.7484	3.0	A
9020	33473.03	51 9N	24 59E	74.4	190.3	2.385	3.15	54.2	S0409	.07190	9.7484	0.6	F
9021	33476.83	50 54N	24 49E	74.4	190.2	2.385	1.05	54.4	S0409	.07190	9.7484	0.8	F
9022	33482.23	50 54N	24 49E	74.4	190.1	2.385	1.75	54.4	S0409	.07190	9.7486	0.6	A
9023	33490.43	50 10N	24 3E	74.8	190.0	2.170	-14.65	54.8	S0409	.07190	9.7961	0.4	V
9024	33493.03	50 10N	24 3E	75.5	190.0	2.385	-14.65	54.8	S0409	.07190	9.6064	0.6	A
9025	33498.63	49 46N	24 11E	74.0	189.9	2.385	-2.80	55.6	S0409	.07190	9.7796	1.2	F
9026	33502.23	49 42N	24 10E	73.1	189.9	2.385	-2.45	55.6	S0409	.07190	10.0270	0.4	V
9027	33504.23	49 14N	24 7E	73.1	189.8	2.385	-2.45	55.6	S0409	.07190	10.0270	1.2	V
9028	33509.03	48 53N	24 5E	73.3	189.8	2.385	-5.95	56.0	S0409	.07190	10.0105	0.6	V
9029	33511.83	48 34N	24 5E	74.1	189.7	2.385	-5.60	56.0	S0409	.07190	9.7961	0.6	A
9030	33523.23	47 49N	24 41E	74.0	189.6	2.511	-2.10	57.0	S0409	.07190	9.7796	0.6	F
9031	33528.43	47 49N	24 41E	74.0	189.5	2.511	-1.40	57.0	S0409	.07190	9.8043	0.6	A
9032	33539.63	46 50N	24 55E	78.4	189.4	2.511	16.45	58.1	S0409	.07190	9.2654	0.6	F
9033	33544.43	46 50N	24 54E	78.6	189.3	2.511	17.15	58.1	S0409	.07190	9.2106	1.6	A
9034	33549.03	46 17N	24 50E	78.6	189.3	2.511	17.15	58.4	S0409	.07190	9.2106	1.0	A
9035	33562.03	45 4N	24 27E	78.2	189.1	2.511	16.10	59.4	S0409	.07190	9.2351	0.6	F
9036	33564.83	45 4N	24 26E	77.4	189.1	2.511	16.45	59.4	S0409	.07190	9.4828	0.6	V
9037	33570.43	44 27N	24 12E	77.1	189.0	2.511	13.65	59.8	S0409	.07190	9.4250	0.8	F
9038	33575.03	44 21N	24 13E	77.3	189.0	2.511	14.35	59.7	S0409	.07190	9.3673	2.4	A
9039	33586.03	43 40N	23 14E	76.6	188.9	2.511	-10.15	60.1	S0409	.07190	9.9528	0.6	V
9040	33588.83	43 39N	23 13E	76.4	188.9	2.733	-10.15	60.1	S0409	.07190	9.7486	0.4	F
9041	33593.83	43 10N	23 44E	77.3	190.8	2.511	-21.70	60.3	S0409	.07190	9.4563	0.4	V
9042	33596.63	43 10N	23 43E	78.2	188.8	2.511	-21.70	60.3	S0409	.07190	9.2766	0.4	A
9043	33603.03	42 54N	23 43E	75.8	188.7	2.511	-15.40	61.0	S0409	.04090	9.5322	0.8	F
9044	33608.43	42 20N	23 43E	75.6	188.6	2.733	-15.05	61.0	S0409	.04090	9.5982	0.8	A
9045	33613.23	41 57N	23 41E	74.1	188.6	2.733	-10.85	61.6	S0409	.07190	9.7549	0.6	F
9046	33619.63	41 30N	23 41E	74.0	188.6	2.733	-10.15	61.6	S0409	.07190	9.8043	0.6	A
9047	33741.43	33 48N	22 40E	74.9	187.5	2.872	-8.75	67.3	S0409	.07190	9.6559	0.6	F
9048	33744.23	33 47N	22 39E	74.0	187.5	2.872	-8.75	67.3	S0409	.07190	9.8351	0.4	V
9049	33748.63	33 33N	22 40E	74.5	187.6	3.090	-8.45	67.5	S0409	.07190	9.7219	1.0	A
9050	34279.83	4 16S	15 19E	97.0	186.4	3.439	-28.60	58.5	S0409	.05410	7.3033	0.6	F
9051	34286.63	4 16S	15 20E	96.5	186.4	3.574	-28.55	58.6	S0409	.05410	7.4542	1.0	A
1769 9001	38996.42	36 52N	2 21E	83.0	188.8	2.511	25.20	65.6	S0409	.05410	8.8536	0.6	V
9002	38998.42	36 52N	2 21E	84.3	188.8	2.511	25.55	65.6	S0409	.05410	8.5737	0.6	A
9003	39349.02	12 30N	5 29W	81.1	186.6	3.449	-12.25	69.2	S0409	.05410	8.9855	1.0	A
1770 9001	44589.02	16 30N	24 17W	80.6	186.7	3.211	10.15	70.9	S0409	.05410	8.9368	1.0	F
1771 9001	50162.22	1 46S	69 47W	87.7	186.4	3.439	2.80	61.1	S0409	.05410	8.2129	1.0	F

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1771 9002	50477.22	22 34S	55 18W	136.0	187.0	3.090	-43.75	42.7	S0409	.04090	5.2608	0.8	A
9003	50510.02	25 34S	53 59W	105.3	187.1	3.090	4.90	40.9	S0409	.05410	6.7863	0.4	F
9004	50516.62	25 52S	54 28W	103.7	187.1	3.211	-8.05	40.5	S0409	.05410	6.9430	1.0	V
9005	50524.22	26 15S	53 47W	109.8	187.2	2.733	14.35	40.6	S0409	.05410	6.4432	0.6	A
9006	50528.82	26 29S	54 7W	105.7	187.2	2.733	7.70	40.3	S0409	.05410	6.8111	1.0	V
9007	50535.82	27 0S	54 40W	104.3	187.2	3.090	-5.95	39.4	S0409	.05410	6.9018	0.4	V
9008	50541.62	27 7S	54 52W	106.8	187.2	3.211	-10.85	39.2	S0409	.05410	6.8548	0.4	A
9009	50548.22	27 25S	55 44W	118.6	187.3	3.090	-28.05	38.0	S0409	.05410	5.9865	1.0	F
9010	50551.62	28 17S	55 46W	118.1	187.3	3.090	-28.35	37.8	S0409	.05410	6.0112	1.0	F
9011	50556.02	28 34S	55 49W	119.1	187.3	3.090	-28.80	37.6	S0409	.05410	6.0112	0.4	F
9012	50561.22	28 57S	56 0W	120.8	187.3	3.090	-31.50	37.4	S0409	.05410	5.9535	1.0	V
9013	50564.82	29 26S	56 3W	123.6	187.3	3.090	-32.55	37.5	S0409	.05410	5.7658	0.4	A
9014	50570.62	29 43S	56 25W	124.9	187.4	2.872	-36.75	36.8	S0409	.05410	5.6699	1.0	V
9015	50579.02	30 7S	56 29W	123.6	187.4	2.872	-31.50	36.1	S0409	.05410	5.7265	0.4	F
9016	50582.42	30 21S	56 26W	125.2	187.4	2.872	-32.55	35.8	S0409	.05410	5.6566	0.4	F
9017	50587.42	30 42S	56 30W	125.1	187.4	3.090	-33.60	35.6	S0409	.05410	5.7473	1.0	V
9018	50600.62	31 26S	54 50W	113.4	187.5	2.511	14.70	35.6	S0409	.05410	6.2410	0.4	V
9019	50609.42	31 48S	55 58W	111.9	187.6	3.090	-13.65	35.0	S0409	.05410	6.3410	0.4	A
9020	50616.82	32 19S	57 11W	133.1	187.6	2.872	-37.45	33.9	S0409	.05410	5.4092	1.0	V
9021	50623.22	32 36S	56 37W	119.4	187.6	3.090	-24.85	34.0	S0409	.05410	5.9452	1.0	A
9022	50647.82	34 32S	56 12W	112.1	187.8	2.872	-2.10	32.2	S0409	.07190	6.5326	1.0	F
9023	50652.22	34 53S	56 12W	111.1	187.8	2.872	-1.40	32.2	S0409	.07190	6.4555	0.4	V
9024	50664.82	35 19S	57 17W	121.7	187.9	3.090	-24.55	31.4	S0409	.05410	5.8215	1.0	A
9025	50672.42	36 0S	56 44W	113.7	188.0	2.872	-5.60	30.6	S0409	.05410	6.2421	1.0	F
9026	50680.82	37 42S	57 25W	117.3	188.1	2.872	-15.05	29.3	S0409	.05410	6.0442	0.4	F
9027	50695.42	38 1S	57 31W	117.7	188.1	2.872	-15.40	29.0	S0409	.07190	6.8113	0.4	F
9028	50699.42	37 42S	57 24W	117.3	188.1	3.090	-14.00	29.3	S0409	.05410	6.0277	0.8	A
9029	50704.22	38 1S	57 31W	117.9	188.2	2.872	-14.35	29.0	S0409	.07190	5.9947	0.4	A
1772 9001	55289.81	10 15N	70 4W	81.0	186.5	3.439	-6.51	68.4	S0409	.05410	6.8975	1.0	A
9002	55407.61	3 40S	73 19W	104.5	186.4	3.090	-35.00	54.8	S0409	.04090	6.8448	1.0	F
9003	55508.41	3 46S	73 11W	100.4	186.4	3.439	-31.15	54.9	S0409	.04090	7.1769	1.0	A
1773 5001	59967.61	56 30N	84 52E	101.7	340.4	-2.023	-17.85	-11.9	S0130	.29710	7.1071	0.8	V
9001	60464.61	13 54N	90 30W	77.9	186.8	3.439	-9.45	70.8	S0409	.05410	9.2766	0.4	A
9002	60508.21	14 36N	90 11W	89.0	186.7	2.733	26.25	71.3	S0409	.05410	8.2129	1.0	V
9003	60536.21	15 1N	91 58W	84.7	186.6	3.211	-31.50	69.5	S0409	.05410	8.1222	0.4	A
1774 9001	65543.21	35 3N	110 43W	100.9	187.8	2.033	-44.50	65.2	S0409	.04090	7.1565	0.4	F
9002	65550.41	35 3N	110 43W	99.8	187.8	2.385	-44.45	65.2	S0409	.04090	7.2175	0.4	A
9003	65631.21	28 47N	109 47W	88.6	187.3	2.733	28.85	64.9	S0409	.05410	8.2046	1.0	F
1775 5001	69745.81	63 12N	33 58E	96.4	342.9	-1.466	-12.20	-8.7	S0130	.29710	7.4451	1.0	F
1778 9001	949.60	5 30S	155 30E	111.9	188.5	2.170	33.60	58.1	S0409	.04090	8.3658	0.8	A
1779 9001	5481.39	43 46N	142 52E	86.1	189.9	1.810	-44.25	54.8	S0409	.05410	8.5015	0.8	V
9002	5484.59	43 46N	142 52E	86.8	189.9	2.033	-44.25	54.8	S0409	.05410	8.5695	0.4	A
9003	5565.19	43 42N	142 28E	74.4	188.9	2.733	5.25	60.1	S0409	.07190	9.7304	1.0	F
9004	5611.59	40 44N	141 22E	72.9	188.5	2.733	-4.55	62.2	S0409	.07190	10.0347	1.0	V
9005	5616.19	40 26N	141 28E	73.9	188.4	2.733	0.70	62.4	S0409	.07190	9.8043	1.0	A
9006	5628.79	39 58N	140 14E	84.2	188.3	2.385	-32.20	62.6	S0409	.05410	8.6311	1.0	V
9007	5644.59	38 26N	140 25E	76.9	188.2	2.733	-18.90	63.6	S0409	.07190	9.4415	0.8	A
9008	5662.99	37 26N	14 49E	73.5	188.1	2.872	1.75	64.6	S0409	.07190	9.8558	0.8	A
9009	5673.19	36 10N	140 38E	74.7	188.0	2.872	4.90	65.3	S0409	.05410	9.7854	0.8	F
9010	5678.59	36 17N	140 34E	74.9	187.9	2.872	5.95	65.4	S0409	.05410	9.6642	0.8	A
9011	5688.59	35 40N	139 48E	76.5	187.9	2.872	-17.15	65.4	S0409	.07190	9.4928	0.8	A
1780 9001	10864.79	44 24N	120 7E	74.5	188.0	2.511	-11.90	59.0	S0409	.07190	9.7384	0.4	A
9002	10869.59	44 24N	119 51E	75.3	187.9	2.511	-17.15	59.2	S0409	.07190	9.6375	1.0	A
9003	10904.19	41 58N	120 13E	81.2	188.6	2.511	22.05	61.9	S0409	.05410	8.9550	0.6	F
9004	10911.59	41 24N	119 37E	73.0	188.5	2.733	2.10	61.8	S0409	.05410	10.0435	0.4	V
9005	10915.99	41 10N	119 24E	73.6	188.5	2.733	-4.20	61.8	S0409	.07190	9.8456	0.6	A
9006	10921.59	40 48N	119 9E	73.1	188.5	2.733	-8.40	62.1	S0409	.07190	10.0270	0.6	V
9007	10924.39	40 40N	119 0E	73.9	188.4	2.733	-6.05	62.1	S0409	.07190	9.8343	0.6	A
9008	10930.99	40 5N	119 28E	74.7	188.4	2.733	9.85	62.2	S0409	.07190	9.8208	0.4	V
9009	10933.59	40 5N	119 25E	75.6	188.4	2.733	9.80	62.2	S0409	.07190	9.6652	0.4	A
9010	10979.19	36 42N	119 9E	83.5	188.0	2.511	25.90	63.4	S0409	.05410	8.7901	1.0	V
9011	10982.39	36 40N	119 6E	84.8	188.0	2.511	26.25	63.4	S0409	.04090	8.5190	0.8	A
9012	10984.19	36 33N	119 6E	84.8	188.0	2.511	26.25	63.5	S0409	.04090	8.5262	0.4	A
9013	10989.59	36 14N	119 37E	76.6	187.9	2.733	13.30	63.5	S0409	.07190	9.4363	0.4	A
9014	10998.99	35 50N	119 43E	81.6	187.9	2.733	21.70	66.1	S0409	.05410	8.8473	0.6	A
9015	11003.59	35 36N	119 22E	76.4	187.8	2.733	13.30	66.2	S0409	.07190	9.5986	0.4	V
9016	11007.39	34 59N	119 17E	76.6	187.8	2.733	11.55	66.2	S0409	.05410	9.4363	0.4	A
9017	11012.19	34 26N	119 25E	79.7	187.8	2.733	19.95	66.7	S0409	.05410	9.1741	0.6	V
9018	11019.39	34 11N	117 59E	74.6	187.7	3.090	2.80	66.6	S0409	.07190	9.6972	0.4	A
9019	11022.99	33 29N	119 21E	84.6	187.7	2.511	25.55	67.4	S0409	.04090	8.5545	0.8	A
9020	11035.39	32 57N	119 9E	83.7	187.6	2.733	24.15	67.9	S0409	.04090	8.6829	0.6	F
9021	11038.79	32 39N	119 6E	82.3	187.6	2.733	23.95	67.8	S0409	.05410	8.9055	0.4	V
9022	11046.99	31 56N	117 10E	74.7	187.6	3.090	-6.30	67.7	S0409	.07190	9.6389	1.0	F

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
17A0 9023	11052.39	31 36N	117 9E	74.7	187.5	3.090	-5.60	67.7	S0409	.07190	9.7059	0.4	A
9024	11064.59	30 46N	117 52E	86.6	187.5	2.511	28.70	68.9	S0409	.04090	8.4585	0.4	V
9025	11071.39	30 9N	117 35E	93.8	187.4	2.733	23.80	69.1	S0409	.05410	8.6664	1.4	F
9026	11096.59	29 30N	115 42E	90.8	187.4	2.511	-37.45	68.1	S0409	.04090	8.0483	0.6	A
9027	11089.99	29 29N	115 42E	91.7	187.3	2.733	-37.45	68.1	S0409	.04090	7.9243	0.5	A
9028	11100.39	28 50N	115 55E	80.4	187.3	2.872	-25.20	65.8	S0409	.05410	9.0952	0.4	V
9029	11103.39	28 30N	115 59E	81.3	187.3	3.090	-25.20	66.8	S0409	.05410	8.9303	0.4	A
9030	11112.99	27 44N	116 33E	76.1	187.2	3.090	5.60	69.7	S0409	.07190	9.4992	0.6	A
9031	11139.59	25 50N	116 3E	75.7	187.1	3.211	-0.45	70.2	S0409	.07190	9.5467	0.4	A
9032	11610.39	6 49S	109 9E	104.5	186.5	3.090	-36.05	56.4	S0409	.05410	6.5404	0.6	F
9033	11617.59	6 26S	109 40E	94.6	186.5	3.574	-19.25	56.8	S0409	.05410	7.0462	0.5	A
9034	11621.79	7 36S	109 40E	93.3	186.5	3.574	-15.75	56.2	S0409	.05410	7.6764	1.0	F
9035	11631.39	7 45S	109 0E	107.6	186.5	3.439	-34.65	55.8	S0409	.05410	6.6874	0.5	A
17A1 5001	16273.79	37 32N	97 4E	76.9	188.1	2.733	21.00	64.8	S0130	.02260	9.2178	0.6	F
5002	16279.39	37 21N	97 17E	84.4	188.1	2.511	28.35	64.9	S0130	.01710	8.5912	0.6	A
9001	16234.79	40 15N	97 22E	74.4	188.4	2.733	7.70	62.7	S0409	.05410	9.7468	0.6	F
9002	16237.59	40 10N	97 21E	73.6	188.4	2.733	8.05	62.7	S0409	.05410	9.5610	0.6	V
9003	16241.39	40 10N	97 15E	73.8	188.4	2.733	5.60	62.7	S0409	.05410	9.8126	0.4	A
9004	16273.79	37 31N	97 4E	79.0	188.1	2.733	21.00	64.8	S0409	.07190	9.2183	0.6	F
9005	16279.39	37 21N	97 17E	84.3	188.1	2.511	28.35	64.9	S0409	.04090	8.5922	1.2	A
9006	16390.79	29 50N	93 50E	84.2	187.4	2.733	-33.25	58.1	S0409	.04090	8.6499	0.4	V
9007	16396.39	29 15N	94 4E	77.8	187.4	2.872	-22.05	58.6	S0409	.05410	9.2601	0.6	F
9008	16403.39	29 10N	93 45E	84.9	187.3	2.872	-32.55	58.4	S0409	.04090	8.5592	0.6	F
17A2 5001	21351.18	53 28N	78 49E	74.7	190.3	2.170	-7.00	51.9	S0130	.03150	9.6978	0.4	F
5002	21401.78	50 0N	77 42E	75.9	190.6	2.385	-4.55	54.9	S0130	.03150	9.7765	1.0	F
5003	21403.98	49 49N	78 9E	75.7	189.9	2.170	11.20	55.2	S0130	.03150	9.5723	1.2	A
9001	21113.98	69 25N	88 7E	78.3	198.3	1.113	-8.40	37.4	S0409	.09670	9.2106	0.4	F
9002	21116.78	69 25N	88 7E	77.3	198.4	1.113	-8.40	37.4	S0409	.09670	9.4580	0.4	V
9003	21119.58	69 25N	88 7E	78.1	198.2	1.113	-8.05	37.4	S0409	.09670	9.2684	0.4	A
9004	21155.18	66 57N	86 12E	77.0	196.4	1.475	-0.35	40.1	S0409	.07190	9.3308	0.4	F
9005	21160.58	64 57N	86 14E	76.9	196.2	1.332	0.70	40.1	S0409	.07190	9.4164	1.0	A
9006	21357.58	53 4N	78 40E	74.7	190.7	2.170	-7.00	52.3	S0409	.05410	9.6907	0.6	F
9007	21362.98	53 4N	78 40E	74.5	190.6	2.170	-6.30	52.3	S0409	.05410	9.7301	0.6	A
9008	21389.18	50 47N	78 31E	76.4	190.2	2.385	11.20	54.4	S0409	.07190	9.4910	1.0	F
9009	21394.58	50 40N	78 31E	76.6	190.1	2.170	12.25	54.4	S0409	.07190	9.4580	1.0	A
9010	21401.78	49 50N	77 42E	74.0	190.6	2.385	-4.55	54.9	S0409	.07190	9.7796	1.0	F
9011	21408.98	49 49N	78 9E	75.6	189.9	2.170	11.20	55.2	S0409	.07190	9.5735	1.0	A
9012	21498.78	43 36N	75 14E	76.9	188.6	2.385	-21.35	59.8	S0409	.05410	9.5805	0.4	V
9013	21501.58	43 30N	75 14E	77.5	188.8	2.385	-21.00	59.8	S0409	.05410	9.3673	0.4	A
9014	21566.58	42 30N	74 52E	81.0	188.3	2.170	-26.95	60.3	S0409	.05410	8.8390	0.6	F
9015	21512.38	42 30N	74 52E	80.6	188.7	2.385	-24.60	60.3	S0409	.05410	9.0127	0.6	A
9016	21638.78	33 44N	73 16E	74.4	187.7	3.090	-8.05	66.7	S0409	.05410	9.7219	0.6	F
9017	21645.18	33 44N	73 16E	74.3	187.7	3.090	-7.00	66.7	S0409	.05410	9.7466	0.6	A
9018	21665.18	31 57N	72 43E	75.9	187.6	2.872	-14.00	67.5	S0409	.05410	9.5157	0.4	F
9019	21667.98	31 57N	72 43E	75.0	187.6	2.872	-13.65	67.5	S0409	.05410	9.7714	0.4	V
9020	21735.78	27 4N	71 50E	75.9	187.2	3.211	-9.80	69.6	S0409	.07190	9.5157	0.6	F
9021	21741.18	27 0N	71 49E	75.9	187.2	3.211	-9.10	69.6	S0409	.07190	9.5405	1.0	A
17A3 5001	26587.78	58 6N	60 14E	86.9	192.3	1.810	21.00	48.1	S0130	.02260	8.3666	0.6	F
5002	26594.18	58 0N	60 13E	87.1	192.1	1.687	24.55	48.1	S0130	.02260	8.3191	0.4	A
9001	26443.18	67 59N	64 44E	77.7	197.4	1.332	-8.40	38.7	S0409	.07190	9.2349	0.4	F
9002	26445.98	67 59N	64 45E	76.7	197.2	1.332	-8.05	38.7	S0409	.04670	8.5405	0.4	V
9003	26450.58	67 59N	64 20E	77.6	197.0	1.332	-5.95	39.2	S0409	.07190	9.3096	1.0	F
9004	26456.18	67 59N	64 20E	77.3	196.7	1.332	-7.70	39.2	S0409	.07190	9.3591	0.8	A
9005	26562.38	59 57N	60 6E	76.1	192.3	1.810	5.25	46.2	S0409	.07190	9.5157	0.4	F
9006	26564.78	59 46N	59 59E	76.0	192.3	1.810	5.25	46.4	S0409	.07190	9.5322	1.0	F
9007	26569.38	59 34N	60 6E	76.4	192.3	1.810	7.70	46.4	S0409	.07190	9.4910	1.0	A
9008	26580.58	59 4N	59 40E	78.0	192.5	2.033	13.30	47.4	S0409	.07190	9.2689	1.0	F
9009	26635.58	56 4N	57 17E	79.1	191.3	2.033	-5.40	50.5	S0409	.07190	9.6312	1.4	F
9010	26645.78	54 10N	57 56E	78.8	191.1	2.170	16.80	51.4	S0409	.07190	9.1941	0.8	F
9011	26648.58	54 10N	57 56E	78.0	191.0	2.170	17.15	51.4	S0409	.07190	9.3920	0.6	V
9012	26651.58	54 10N	57 57E	79.2	191.0	2.170	17.85	51.4	S0409	.07190	9.1447	0.4	A
9013	26668.18	53 6N	55 51E	80.1	190.7	1.810	-25.20	52.1	S0409	.07190	9.1564	0.8	V
9014	26671.18	53 6N	55 50E	80.9	190.6	2.033	-25.20	52.1	S0409	.07190	8.9797	0.8	A
9015	26675.98	52 52N	55 43E	74.2	190.5	2.033	-22.40	52.7	S0409	.07190	9.1117	1.0	F
9016	26691.78	52 24N	55 43E	78.8	190.4	2.033	-21.70	52.7	S0409	.07190	9.2106	0.6	A
9017	26687.38	51 49N	55 8E	84.3	190.4	1.810	-31.15	53.1	S0409	.07190	8.6684	0.6	V
9018	26690.38	51 50N	55 8E	85.1	190.3	2.033	-31.15	53.1	S0409	.07190	8.5345	0.6	A
9019	26739.18	49 6N	54 11E	81.2	189.6	2.033	-26.25	56.2	S0409	.07190	8.8408	0.8	F
9020	26742.18	49 6N	54 11E	80.0	189.6	2.033	-25.90	56.3	S0409	.07190	9.1329	0.8	V
9021	26853.98	40 6N	53 1E	74.7	188.4	2.733	5.25	62.7	S0409	.04090	9.7054	0.6	F
9022	26859.38	40 0N	53 1E	74.9	188.4	2.733	5.95	62.7	S0409	.04090	9.6724	0.6	A
9023	26917.78	35 46N	51 24E	75.5	187.9	2.733	-15.75	65.3	S0409	.07190	9.5817	1.0	F
9024	26923.18	35 47N	51 24E	75.2	187.9	2.872	-15.05	65.3	S0409	.07190	9.6394	1.0	A
9025	27004.58	2 42N	44 48E	92.6	186.4	3.439	-26.25	65.7	S0409	.03090	7.7841	1.0	A
17A4 5001	31915.58	56 47N	37 8E	81.7	191.3	2.033	21.35	49.2	S0130	.03150	8.8715	0.6	F
5002	31918.58	56 40N	37 7E	80.8	191.4	1.810	21.70	49.2	S0130	.03150	9.0776	0.6	V
5003	32037.78	48 52N	32 10E	80.4	189.7	2.170	-26.60	55.6	S0130	.02260	9.1024	0.6	V

Handle via
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BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IM/SEC	BURST TIME SEC	MIRROR
1784 9001	31759.78	67 42N	40 60E	85.8	196.9	0.946	-28.35	38.9	S0409	.07190	8.5252	0.4	V
9002	31762.98	67 42N	40 50E	86.7	196.8	0.986	-28.35	38.9	S0409	.07190	8.3551	0.4	A
9003	31900.78	64 41N	39 53E	77.7	195.2	1.475	-12.25	41.8	S0409	.07190	9.2349	2.2	F
9004	31806.38	64 41N	39 12E	77.6	194.9	1.475	-12.25	41.8	S0409	.07190	9.3343	2.2	A
9005	31814.18	63 40N	40 44E	82.2	194.6	1.687	20.50	43.2	S0409	.07190	8.9251	0.4	F
9006	31829.98	62 53N	40 30E	82.5	194.1	1.475	21.35	43.6	S0409	.07190	8.7418	5.2	A
9007	31841.98	59 11N	38 44E	86.3	192.6	1.687	29.05	47.1	S0409	.07190	8.4436	0.4	V
9008	31845.18	58 11N	38 44E	88.1	192.5	1.687	29.40	47.1	S0409	.07190	8.2046	0.8	A
9009	31902.78	57 46N	36 59E	75.0	192.1	2.033	0.00	48.2	S0409	.07190	9.6477	0.5	F
9010	31908.18	57 40N	36 40E	74.9	192.0	2.033	0.70	48.2	S0409	.07190	9.6542	0.6	A
9011	31915.58	56 46N	37 8E	81.7	191.8	2.033	21.35	49.2	S0409	.07190	8.8726	0.5	F
9012	31918.38	56 47N	37 6E	80.8	191.8	1.810	21.70	49.2	S0409	.07190	9.0787	0.6	V
9013	31923.58	56 13N	36 60E	83.3	191.7	2.033	23.80	49.7	S0409	.07190	8.7159	10.6	F
9014	31934.18	55 38N	36 44E	83.7	191.4	1.810	24.85	50.2	S0409	.07190	8.6499	9.6	A
9015	31953.38	54 29N	35 33E	74.9	191.1	2.033	0.40	51.1	S0409	.07190	9.7951	0.4	V
9016	31957.78	54 13N	35 10E	74.6	191.0	2.033	2.45	51.6	S0409	.07190	9.7954	0.6	F
9017	31960.58	54 13N	35 9E	75.3	190.9	2.033	2.80	51.6	S0409	.07190	9.7953	0.4	V
9018	31963.18	54 13N	35 10E	74.6	190.9	2.033	3.15	51.6	S0409	.07190	9.7804	0.6	F
9019	31968.78	53 13N	34 58E	75.1	190.8	2.170	-10.50	52.0	S0409	.07190	9.6147	1.6	F
9020	31974.18	53 13N	34 28E	74.9	190.7	2.170	-9.80	52.0	S0409	.07190	9.6724	1.6	A
9021	31981.78	51 46N	33 45E	75.7	190.4	2.170	-13.65	53.3	S0409	.07190	9.5405	0.8	F
9022	31986.78	51 45N	33 44E	74.7	190.4	2.170	-13.30	53.3	S0409	.07190	9.8043	0.4	V
9023	31987.38	51 45N	33 44E	75.4	190.3	2.170	-12.95	53.3	S0409	.07190	9.6147	0.6	A
9024	32007.38	50 54N	34 26E	78.8	190.2	2.385	17.15	54.6	S0409	.07190	9.2104	0.5	F
9025	32012.38	50 47N	34 26E	78.8	190.1	2.170	17.50	54.5	S0409	.07190	9.1459	0.6	A
9026	32022.38	49 42N	34 29E	83.5	189.9	2.170	26.25	55.4	S0409	.07190	8.7901	0.5	V
9027	32025.58	49 42N	34 28E	84.7	189.9	2.170	26.60	55.4	S0409	.07190	8.5427	0.6	A
9028	32040.78	48 54N	32 10E	81.0	189.7	2.170	-26.25	55.6	S0409	.07190	8.9465	0.4	F
9029	32049.98	47 54N	33 16E	74.9	189.6	2.385	10.15	56.7	S0409	.07190	9.7379	0.4	V
9030	32052.58	47 54N	33 14E	75.6	189.5	2.385	9.80	56.7	S0409	.07190	9.7532	1.0	A
9031	32044.58	46 60N	32 1E	76.5	189.4	2.385	-19.60	57.2	S0409	.09670	9.5735	0.6	V
9032	32047.38	46 60N	32 1E	77.3	189.4	2.385	-19.25	57.2	S0409	.09670	9.5928	0.5	A
9033	32085.58	45 44N	33 4E	83.5	189.2	2.385	26.25	58.9	S0409	.05410	8.7914	0.4	V
9034	32088.78	45 43N	33 4E	84.9	189.1	2.170	26.95	59.0	S0409	.05410	8.5180	0.4	A
9035	32165.98	39 49N	30 55E	73.5	188.4	2.733	-4.50	62.8	S0409	.07190	9.8456	0.8	F
9036	32171.18	39 49N	30 54E	73.5	188.3	2.733	-2.45	62.8	S0409	.07190	9.8536	0.5	A
9037	32208.38	31 0N	29 40E	97.0	187.2	2.511	36.40	66.9	S0409	.03050	7.5202	0.6	F
9038	32206.38	31 0N	29 40E	98.1	187.2	2.170	37.45	66.9	S0409	.03050	7.3554	0.6	A
1785 5001	37278.58	53 11N	13 18E	78.2	190.7	2.170	17.50	52.3	S0130	.03150	9.3908	0.4	V
5002	37283.18	53 4N	13 23E	81.0	190.7	2.170	21.00	52.5	S0130	.03260	8.9560	0.4	A
5003	37294.18	52 15N	12 10E	73.3	190.5	2.170	-2.80	53.0	S0130	.03150	9.9728	0.6	V
5004	37296.98	52 12N	12 10E	74.2	190.4	2.170	-2.45	53.0	S0130	.03150	9.9867	0.4	A
5005	37301.98	51 50N	12 22E	75.2	190.4	2.170	7.00	53.4	S0130	.03150	9.6566	0.6	F
5006	37307.58	51 24N	12 45E	80.9	190.3	2.170	21.00	53.9	S0130	.03260	8.9787	1.8	A
9001	37255.57	54 56N	13 15E	74.7	191.2	2.170	1.05	50.9	S0409	.09670	9.6972	1.0	F
9002	37260.98	54 56N	13 15E	74.6	191.1	2.170	1.75	50.9	S0409	.09670	9.7034	0.5	A
9003	37280.38	52 59N	12 21E	74.2	190.5	2.170	-1.75	52.6	S0409	.07190	9.7569	0.6	A
9004	37304.58	51 20N	12 43E	80.7	190.3	2.170	21.00	53.9	S0409	.07190	8.9737	0.6	A
9005	37313.78	50 47N	12 30E	79.3	190.2	2.170	20.60	54.4	S0409	.07190	9.2519	0.6	V
9006	37316.78	50 46N	12 29E	80.2	190.1	2.170	20.31	54.4	S0409	.07190	9.0210	0.4	A
9007	37320.98	50 41N	12 7E	76.7	190.1	2.170	19.95	54.6	S0409	.07190	9.4415	0.4	A
9008	37324.58	50 0N	12 23E	82.3	190.0	2.170	23.80	55.0	S0409	.07190	8.7301	0.5	A
9009	37353.38	44 2N	10 15E	78.8	189.5	2.170	18.55	56.3	S0409	.05410	9.4084	1.4	F
9010	37358.78	43 57N	10 15E	78.5	189.5	2.385	19.20	56.3	S0409	.05410	9.4210	1.4	A
9011	37375.18	39 40N	9 27E	85.7	188.4	2.385	29.05	63.3	S0409	.04090	8.5592	0.5	V
9012	37378.37	39 40N	9 27E	87.2	188.3	2.170	29.70	63.3	S0409	.04090	8.2471	0.6	A
9013	37916.78	9 24N	2 37E	82.1	186.5	3.211	7.70	63.4	S0409	.05410	9.6973	1.0	V
9014	37965.57	6 0N	1 12E	80.0	186.4	3.439	-24.55	65.9	S0409	.05410	8.1481	0.4	V
9015	37969.77	6 0N	1 13E	80.0	186.3	3.439	-25.27	65.9	S0409	.05410	8.0232	0.4	A
1787 9001	44886.57	1 40S	44 52W	108.7	186.4	3.439	-34.20	60.3	S0409	.04090	6.6296	1.0	A
9002	44886.57	22 2S	46 44W	107.6	186.9	2.733	18.20	44.5	S0409	.05410	6.6456	0.8	V
9003	44896.77	23 14S	45 51W	142.5	187.3	2.033	41.30	44.0	S0409	.04090	5.0299	1.0	F
9004	44901.97	23 14S	45 51W	142.5	187.3	1.810	42.00	44.0	S0409	.04090	5.0549	1.0	V
9005	44908.17	23 33S	46 29W	117.4	187.6	2.385	27.30	43.3	S0409	.05410	6.1266	1.0	V
9006	44912.57	23 33S	46 40W	119.3	187.6	2.170	27.65	43.4	S0409	.05410	5.9287	1.4	A
9007	44917.77	23 54S	46 23W	130.7	187.6	1.810	35.80	43.2	S0409	.04090	5.4014	1.0	A
9008	44930.57	31 9S	51 4W	143.4	187.0	3.090	-42.35	35.1	S0409	.04090	4.9659	1.0	A
1788 9001	53810.77	10 41N	63 14W	85.7	186.3	3.211	14.10	64.2	S0409	.07190	8.4520	0.6	F
9002	53813.77	10 41N	63 15W	84.9	186.3	3.211	14.10	64.2	S0409	.05410	8.6008	0.5	V
9003	54014.37	3 21S	64 42W	123.8	186.4	2.033	42.35	61.6	S0409	.04090	5.9528	1.0	V
9004	54142.57	18 39S	66 6W	125.5	186.5	1.810	48.20	54.7	S0409	.04090	5.6549	0.4	A
9005	54143.37	11 46S	66 0W	136.3	186.6	1.687	43.75	54.2	S0409	.04090	5.1948	1.0	A
9006	54190.77	15 20S	67 47W	100.5	186.3	3.211	14.50	50.3	S0409	.05410	7.1409	0.5	F
9007	54197.97	16 41S	67 39W	104.4	186.7	2.872	19.60	50.2	S0409	.05410	6.9542	1.0	V
9008	54202.57	15 44S	67 36W	107.1	186.7	2.872	22.05	50.2	S0409	.05410	6.6236	0.4	A
9009	54237.17	18 26S	70 13W	130.6	186.8	2.872	-43.05	46.6	S0409	.04090	5.4540	1.2	F
9010	54244.97	18 19S	70 20W	130.9	186.8	3.439	-44.40	46.7	S0409	.04090	5.4752	1.2	A
9011	54298.97	22 0S	71 14W	108.7	186.9	3.439	-25.10	43.8	S0409	.05410	6.5557	1.0	A
9012	54373.17	27 10S	70 24W	106.7	187.2	3.090	2.10	39.5	S0409	.04090	6.6461	1.0	A
9013	54404.37	29 30S	71 16W	108.4	187.4	3.090	-8.05	37.0	S0409	.05410	6.5557	0.8	F
9014	54458.17	33 26S	70 39W	126.5	187.6	2.385	25.90	34.3	S0409	.05410	6.6319	0.4	F

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1788 9015	54458.77	33 26S	70 39W	126.0	187.7	2.170	26.60	34.3	S0409	.05410	5.6978	0.4	V
9016	54466.97	33 36S	71 38W	112.6	187.7	2.733	4.55	33.6	S0409	.05410	6.2868	0.6	A
9017	54505.37	36 40S	73 5W	116.1	188.0	2.872	-14.35	30.6	S0409	.07190	6.1019	1.0	F
9018	54509.57	36 40S	73 5W	114.9	188.0	2.872	-14.00	30.6	S0409	.07190	6.2338	1.0	V
9019	54530.77	38 12S	72 20W	117.8	188.2	2.511	12.25	29.6	S0409	.05410	6.0772	1.0	V
9020	54534.97	38 30S	72 23W	118.4	188.2	2.511	12.60	29.3	S0409	.05410	6.0442	0.8	V
9021	54543.37	38 45S	72 37W	118.6	188.3	2.511	9.10	29.0	S0409	.05410	5.9370	0.4	A
1789 9001	58934.16	23 4N	82 40W	90.7	187.0	2.733	29.40	71.5	S0409	.05410	8.0867	3.8	F
9002	58941.36	23 2N	82 41W	91.7	187.0	2.511	30.45	71.5	S0409	.05410	7.8500	5.2	A
1790 9001	63051.96	73 22N	54 49E	87.0	337.2	-0.982	-1.75	4.6	S0409	.23090	8.3813	0.8	V
9002	63055.16	73 23N	54 50E	87.9	336.9	-0.982	-2.10	4.6	S0409	.23090	8.1799	0.4	A
9003	64216.96	24 56N	104 45W	81.0	187.1	2.872	19.25	70.3	S0409	.05410	8.9855	0.6	A
1793 9001	81051.15	37 0S	175 33E	127.2	186.1	2.872	-28.35	29.9	S0409	.04090	5.6236	0.6	V
1794 9001	84870.15	64 40N	177 55E	84.6	195.1	1.113	-27.65	41.4	S0409	.07190	8.6334	0.6	V
9002	84873.35	64 40N	177 54E	85.4	195.0	1.332	-27.65	41.5	S0409	.07190	8.4850	0.6	A
1795 9001	4060.35	45 56N	149 26E	75.9	189.2	2.511	13.30	58.5	S0409	.05410	9.6724	0.4	V
9002	4063.15	45 56N	149 26E	76.9	189.1	2.511	13.65	58.5	S0409	.05410	9.4168	0.4	A
9003	4756.14	2 20S	140 10E	104.1	186.4	2.511	38.45	61.5	S0409	.05410	6.9842	0.6	V
9004	4762.75	2 21S	140 32E	121.5	186.4	1.810	40.95	61.7	S0409	.04090	5.8628	1.4	A
9005	4786.35	4 0S	139 56E	88.4	186.4	3.574	-2.10	59.5	S0409	.05410	8.8474	1.0	A
1796 5001	9670.14	24 52N	121 16E	85.2	187.1	2.872	-29.75	69.7	S0130	.02260	3.4510	0.4	F
9001	9288.54	51 12N	128 35E	73.2	190.2	2.033	-2.10	53.7	S0409	.05410	10.0187	0.6	V
9002	9291.34	51 12N	128 35E	74.0	190.2	2.033	-1.75	53.7	S0409	.05410	9.7361	0.4	A
9003	9367.94	46 57N	126 40E	74.1	189.2	2.511	-7.70	58.2	S0409	.07190	9.7561	0.6	F
9004	9373.14	46 57N	126 40E	73.9	189.1	2.511	-7.00	58.2	S0409	.07190	9.8043	0.6	A
9005	9391.54	43 57N	126 33E	74.2	188.9	2.733	3.85	59.6	S0409	.05410	9.7561	0.6	F
9006	9396.34	43 57N	126 32E	73.4	188.9	2.511	4.20	59.6	S0409	.05410	9.9940	0.4	V
9007	9396.94	43 57N	126 32E	74.2	188.9	2.511	4.55	59.6	S0409	.05410	9.7549	0.4	A
9008	9403.34	43 56N	126 36E	74.7	188.8	2.511	11.40	60.2	S0409	.07190	9.8208	0.4	V
9009	9405.94	43 56N	126 36E	75.7	188.8	2.511	12.25	60.2	S0409	.07190	9.5552	0.4	A
9010	9417.54	42 42N	125 47E	73.3	188.7	2.733	-4.95	60.4	S0409	.07190	9.8703	0.4	F
9011	9424.14	41 59N	125 13E	77.2	188.6	2.511	-22.40	60.8	S0409	.07190	9.4425	0.4	V
9012	9426.94	41 59N	125 12E	77.9	188.6	2.511	-22.05	60.8	S0409	.07190	9.3096	0.4	A
9013	9470.34	39 50N	124 53E	74.0	188.2	2.872	-5.25	63.5	S0409	.07190	9.7796	2.0	F
9014	9475.74	39 49N	124 53E	73.9	188.2	2.872	-4.55	63.5	S0409	.07190	9.7961	2.4	A
9015	9484.34	37 59N	124 44E	74.0	188.1	2.872	-4.90	63.9	S0409	.07190	9.7361	1.0	A
9016	9574.94	31 27N	122 14E	93.2	187.5	2.385	-38.85	67.1	S0409	.04090	7.7181	0.6	F
9017	9578.34	31 26N	122 14E	91.7	187.5	2.385	-38.50	67.1	S0409	.04090	7.9737	0.4	V
9018	9585.14	30 44N	122 30E	82.5	187.5	2.733	-27.65	67.7	S0409	.05410	8.7324	0.4	F
9019	9592.94	30 10N	122 46E	76.3	187.4	3.090	-14.30	68.2	S0409	.05410	9.4745	0.6	F
9020	9596.34	30 10N	122 46E	76.1	187.4	3.090	-13.50	68.2	S0409	.05410	9.5240	2.4	A
9021	9606.74	29 27N	122 11E	82.6	187.4	2.733	-28.70	68.2	S0409	.05410	8.8561	0.4	V
9022	9669.94	24 52N	121 16E	85.3	187.1	2.872	-29.75	69.7	S0409	.05410	8.4520	0.6	F
1797 9001	14585.74	51 52N	107 49E	83.9	190.4	2.033	26.95	54.4	S0409	.07190	8.7406	0.6	V
9002	14588.74	51 52N	107 49E	84.8	190.4	2.033	26.95	53.4	S0409	.07190	8.5282	0.6	A
9003	14609.34	50 26N	106 24E	73.2	190.1	2.385	3.50	54.4	S0409	.07190	10.0187	0.6	V
9004	14611.14	50 26N	106 24E	74.1	190.0	2.385	3.85	54.4	S0409	.07190	9.7796	0.4	A
9005	14643.94	47 56N	106 26E	83.1	189.5	2.170	26.95	56.6	S0409	.05410	8.8396	0.6	V
9006	14645.94	47 56N	106 26E	84.4	189.5	2.170	27.30	56.7	S0409	.05410	8.5809	0.6	A
9007	14787.94	37 56N	102 39E	73.8	188.2	2.872	-4.20	63.9	S0409	.05410	9.8126	0.6	F
9008	14790.74	37 56N	102 39E	72.9	188.1	2.872	-3.85	63.9	S0409	.05410	10.0517	0.6	V
9009	14793.94	37 56N	102 38E	73.2	188.1	2.872	-3.50	63.9	S0409	.07190	9.9033	0.4	A
9010	14803.34	36 56N	101 41E	81.5	188.0	2.511	-24.40	64.2	S0409	.05410	8.8513	0.6	F
9011	14806.74	36 56N	101 43E	79.6	188.0	2.511	-27.65	64.2	S0409	.07190	9.2024	0.4	V
9012	14810.34	36 41N	101 43E	78.4	188.0	2.511	-25.55	64.4	S0409	.05410	9.5426	0.4	V
9013	14813.74	36 56N	101 47E	78.9	188.0	2.733	-22.75	64.5	S0409	.07190	9.2024	0.6	A
1798 5001	19874.94	53 21N	84 32E	76.5	190.7	2.033	-16.20	51.7	S0130	.03150	9.5306	1.0	V
9001	19874.94	53 21N	84 32E	76.5	190.7	2.033	-15.20	51.7	S0409	.07190	9.5917	0.8	V
9002	19883.14	52 51N	85 3E	74.7	190.6	2.170	3.85	52.6	S0409	.07190	9.6972	1.0	F
9003	19888.54	52 51N	85 4E	74.8	190.5	2.170	4.90	52.6	S0409	.07190	9.6972	0.8	A
9004	20013.54	43 40N	81 43E	74.8	188.9	2.511	-13.30	59.6	S0409	.05410	9.6542	0.6	F
9005	20018.94	43 40N	81 43E	74.6	188.8	2.511	-12.60	59.6	S0409	.05410	9.7219	0.6	A
9006	20045.94	41 41N	82 43E	92.4	188.6	2.033	35.00	61.8	S0409	.04090	7.8006	0.6	A
9007	20111.14	37 10N	79 56E	75.3	188.0	2.733	-16.55	64.2	S0409	.07190	9.7301	0.6	V
9008	20113.94	37 10N	79 56E	76.1	188.0	2.733	-16.20	64.2	S0409	.07190	9.5405	0.4	A
9009	20465.34	13 1N	74 54E	87.9	186.5	3.439	-27.30	69.1	S0409	.05410	8.2576	1.2	A
1799 5001	25205.53	52 5N	81 8E	90.6	190.4	1.810	-36.75	52.5	S0130	.02260	3.8140	2.6	A
9001	25057.33	61 44N	67 5E	74.9	193.6	1.687	2.10	44.4	S0409	.07190	9.7796	0.4	V

Handle via
BYEMAN Channels
BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1799 9002	25060.13	61 44N	67 5E	75.7	193.5	1.687	2.45	44.4	S0409	.07190	9.5452	0.4	A
9003	25120.53	57 10N	65 22E	74.6	192.0	2.033	15.40	48.5	S0409	.07190	9.2169	1.0	F
9004	25126.33	57 12N	65 21E	73.7	191.8	1.810	16.10	48.5	S0409	.07190	9.2024	0.8	A
9005	25137.33	56 11N	64 4E	74.8	191.6	2.033	-5.25	49.4	S0409	.07190	9.6542	0.4	F
9006	25146.73	55 53N	63 17E	87.3	191.4	1.810	30.10	50.1	S0409	.07190	8.4104	0.4	V
9007	25149.93	55 53N	63 18E	86.6	191.3	1.810	30.45	50.1	S0409	.07190	8.1654	0.4	A
9008	25272.73	46 50N	61 40E	81.4	189.4	2.385	22.00	57.5	S0409	.05410	8.9220	0.6	F
9009	25275.53	46 51N	61 40E	80.7	189.4	2.385	22.40	57.5	S0409	.05410	9.0359	0.6	V
9010	25278.53	46 50N	61 40E	81.9	189.4	2.170	23.10	57.5	S0409	.05410	8.6313	0.6	A
9011	25299.93	45 10N	59 19E	86.0	189.1	2.033	-32.55	58.2	S0409	.05410	8.3774	0.8	F
9012	25302.93	45 10N	59 19E	84.7	189.1	2.033	-32.20	58.2	S0409	.05410	8.6439	1.4	V
9013	25306.53	45 9N	59 18E	85.3	189.0	2.033	-31.85	58.2	S0409	.05410	8.5180	0.8	A
9014	25401.53	38 10N	57 57E	78.6	188.2	2.511	-22.05	66.5	S0409	.07190	9.1777	0.6	F
9015	25412.13	37 46N	58 55E	79.0	188.1	2.733	19.25	64.6	S0409	.07190	9.1941	0.4	F
9016	25417.73	37 49N	58 55E	79.4	188.0	2.733	19.95	64.7	S0409	.05410	9.1054	0.6	A
9017	25592.73	25 21N	55 31E	76.8	187.1	3.211	-10.50	70.0	S0409	.05410	9.4250	0.4	A
1800 5001	30446.53	54 15N	43 31E	88.9	191.5	1.687	30.80	48.5	S0130	.02260	8.1466	0.6	A
9001	30185.13	73 45N	54 51E	79.1	203.1	0.986	-9.85	33.2	S0409	.09670	9.1199	0.4	F
9002	30190.93	73 45N	54 51E	78.8	202.6	0.986	-9.45	33.2	S0409	.09670	9.1777	0.3	A
9003	30213.73	71 9N	52 32E	78.6	200.1	0.986	-8.75	34.9	S0409	.07190	9.1777	0.5	F
9004	30213.93	71 9N	52 26E	78.6	200.7	0.986	-8.75	35.0	S0409	.07190	9.1777	0.6	F
9005	30218.53	71 8N	52 31E	78.4	200.4	0.986	-8.40	35.0	S0409	.09670	9.2271	1.8	A
9006	30417.53	58 3N	42 4E	73.4	192.2	1.687	-21.00	47.5	S0409	.07190	9.0366	0.4	F
9007	30420.33	58 3N	42 4E	74.3	192.1	1.687	-20.65	47.5	S0409	.07190	9.3591	0.4	V
9008	30426.93	57 51N	42 30E	73.9	192.0	1.810	-1.75	48.1	S0409	.07190	9.4115	0.6	V
9009	30429.73	57 51N	42 30E	74.7	191.9	2.033	-1.75	48.1	S0409	.07190	9.6972	0.6	A
9010	30437.93	56 50N	41 24E	83.2	191.7	1.810	25.20	49.1	S0409	.07190	8.8231	0.4	V
9011	30441.33	56 53N	41 24E	84.3	191.7	1.810	25.55	49.1	S0409	.07190	8.5539	0.6	A
9012	30457.53	55 50N	42 1E	74.8	191.5	2.033	-3.50	49.9	S0409	.07190	9.6307	0.6	A
9013	30462.33	54 57N	41 27E	74.6	191.2	2.033	-4.20	50.4	S0409	.07190	9.6972	0.6	F
9014	30467.73	54 57N	41 26E	74.4	191.1	2.033	-4.55	50.4	S0409	.07190	9.7364	0.6	A
9015	30499.33	52 50N	39 42E	81.2	190.5	1.810	-25.55	52.3	S0409	.07190	8.8726	0.4	F
9016	30502.13	52 50N	39 42E	80.2	190.5	1.810	-25.55	52.3	S0409	.07190	9.1199	0.4	V
9017	30505.13	52 50N	39 42E	80.9	190.5	2.033	-25.55	52.3	S0409	.07190	8.9715	0.4	A
9018	30514.73	51 40N	39 16E	82.5	190.3	1.810	-20.65	53.0	S0409	.07190	8.8548	0.8	V
9019	30517.73	51 40N	39 15E	83.3	190.3	2.033	-20.65	53.0	S0409	.07190	8.7159	0.8	A
9020	30550.33	48 50N	38 7E	74.9	189.5	2.385	-10.55	55.4	S0409	.07190	9.6724	0.6	F
9021	30553.13	48 50N	38 7E	75.8	189.4	2.385	-10.50	55.4	S0409	.07190	9.9563	0.6	V
9022	30557.53	48 50N	38 45E	76.5	189.7	2.170	-17.15	55.7	S0409	.07190	9.4553	1.2	F
9023	30563.93	48 10N	38 7E	84.0	189.6	2.033	-31.50	55.7	S0409	.07190	8.7241	0.4	V
9024	30566.93	48 10N	38 7E	84.6	189.6	2.033	-31.15	55.7	S0409	.07190	8.5939	0.4	A
9025	30575.53	47 10N	38 53E	75.9	189.4	2.511	-1.40	56.9	S0409	.07190	9.7472	0.6	F
9026	30579.33	47 10N	38 53E	73.1	189.4	2.511	-1.05	56.9	S0409	.07190	10.0352	0.8	V
9027	30586.73	46 41N	38 13E	75.4	189.5	2.385	-16.80	57.2	S0409	.07190	9.7136	0.4	V
9028	30589.33	46 40N	38 13E	76.1	189.3	2.385	-16.45	57.2	S0409	.07190	9.5322	0.6	A
9029	30600.53	44 59N	38 1E	74.2	189.1	2.511	-8.05	58.6	S0409	.07190	9.7496	0.4	F
9030	30613.73	44 50N	38 1E	74.1	189.0	2.511	-7.35	58.6	S0409	.07190	9.7478	1.0	A
9031	30744.73	35 07N	35 46E	74.3	187.9	2.872	-3.85	65.4	S0409	.07190	9.7384	0.6	F
9032	30749.93	35 06N	35 47E	74.3	187.9	2.872	-2.45	65.4	S0409	.07190	9.7466	0.6	A
9033	30759.53	34 42N	36 14E	91.1	187.8	2.733	22.05	66.4	S0409	.05410	9.0575	1.2	V
9034	30771.33	33 54N	36 2E	79.9	187.7	2.733	20.55	66.6	S0409	.05410	9.1777	0.8	V
9035	30773.53	33 49N	35 60E	79.6	187.7	2.733	20.65	66.9	S0409	.05410	9.2106	0.4	V
9036	30776.53	33 45N	35 60E	80.7	187.7	2.733	21.00	66.9	S0409	.05410	9.9365	0.4	A
9037	30785.33	33 50N	35 2E	74.9	187.6	3.090	-8.05	66.9	S0409	.07190	9.6559	0.8	F
9038	30788.33	33 49N	35 1E	74.1	187.6	3.090	-8.05	67.0	S0409	.09670	9.8301	0.4	V
9039	30790.93	33 50N	35 1E	74.9	187.6	3.090	-7.70	67.0	S0409	.07190	9.6724	0.4	A
9040	30797.73	31 59N	34 51E	75.0	187.5	3.090	-8.40	67.4	S0409	.04090	9.6394	1.2	F
9041	30803.13	31 59N	34 51E	75.0	187.5	3.090	-7.35	67.4	S0409	.04090	9.6542	1.2	A
9042	30808.13	31 10N	34 49E	74.7	187.5	3.090	-6.50	67.9	S0409	.04090	9.6807	0.4	F
9043	30810.73	31 10N	34 49E	75.9	187.5	3.090	-6.15	67.9	S0409	.04090	9.9715	1.0	V
9044	30813.93	31 14N	34 49E	74.8	187.5	3.090	-5.15	67.9	S0409	.07190	9.6807	0.4	A
9045	30819.73	30 26N	34 54E	75.9	187.5	3.090	-6.65	68.4	S0409	.07190	9.5487	0.4	F
9046	30822.53	30 26N	34 54E	75.2	187.4	3.090	-7.35	68.5	S0409	.07190	9.7384	0.4	V
9047	30828.93	29 50N	34 58E	77.3	187.4	2.872	13.65	68.8	S0409	.04090	9.4428	0.6	V
9048	30831.73	29 50N	34 58E	73.4	187.4	2.872	14.00	68.8	S0409	.04090	9.2183	0.6	A
9049	30836.13	29 49N	35 2E	80.9	187.4	2.872	18.55	69.0	S0409	.05410	8.9220	1.4	A
9050	30857.73	27 50N	34 24E	76.0	187.3	3.090	7.70	69.5	S0409	.04090	9.6542	0.6	V
9051	30860.53	27 50N	34 24E	77.0	187.3	3.090	8.05	69.5	S0409	.04090	9.8754	0.6	A
9052	30912.93	24 0N	33 56E	80.1	187.0	3.090	-20.65	70.1	S0409	.05410	9.0045	0.6	F
9053	31168.53	6 50N	30 31E	84.6	186.5	3.211	10.85	67.1	S0409	.05410	9.6169	1.0	V
9054	31290.73	1 50S	30 3E	119.4	186.4	2.033	40.60	62.2	S0409	.04090	8.0772	0.3	V
9055	31295.13	1 50S	30 4E	122.2	186.4	1.810	41.30	62.2	S0409	.04090	7.8560	0.6	A
9056	31767.33	34 40S	22 9E	113.4	187.8	3.090	-14.00	53.1	S0409	.07190	8.3245	0.6	V
1801 5001	35863.73	43 45N	18 30E	90.6	189.7	2.033	30.90	56.0	S0130	.02260	7.9393	0.6	A
9001	35729.73	57 26N	21 35E	82.5	192.0	2.033	22.40	48.3	S0409	.07190	8.7483	0.6	F
9002	35733.33	57 26N	21 32E	81.3	192.0	1.810	22.40	48.4	S0409	.07190	9.0222	0.8	V
9003	35736.33	57 26N	21 32E	82.4	191.9	1.810	22.75	48.4	S0409	.07190	8.7818	0.4	A
9004	35745.93	56 53N	21 1E	79.6	191.7	2.033	19.60	49.1	S0409	.07190	9.2106	0.6	V
9005	35748.93	56 53N	21 1E	80.7	191.6	1.810	20.30	49.1	S0409	.07190	8.9715	0.6	A
9006	35772.73	54 50N	20 24E	82.8	191.2	2.033	24.85	50.4	S0409	.07190	8.8561	0.6	V
9007	35775.73	54 50N	20 23E	84.0	191.1	1.810	25.55	50.4	S0409	.07190	8.6037	0.6	A
9008	35795.13	53 7N	19 49E	74.3	190.7	2.170	0.35	52.0	S0409	.07190	9.7384	0.6	F

Handle via
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BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1801 9009	35800.53	53 7N	18 49E	74.3	190.7	2.170	1.05	52.0	S0409	.07190	9.7544	0.6	S
9010	35817.13	51 40N	17 49E	75.5	190.4	2.170	-12.95	53.1	S0409	.07190	9.5735	0.6	F
9011	35819.93	51 40N	17 49E	74.5	190.3	2.170	-12.60	53.1	S0409	.07190	9.8291	0.4	V
9012	35822.53	51 41N	17 48E	75.4	190.3	2.170	-12.95	53.1	S0409	.07190	9.6147	0.6	A
9013	35831.93	50 54N	17 26E	75.2	190.2	2.170	-15.75	53.8	S0409	.07190	9.7301	0.6	V
9014	35834.73	50 54N	17 26E	76.0	190.1	2.170	-15.40	53.8	S0409	.07190	9.5405	0.6	A
9015	35845.33	49 36N	16 10E	78.4	190.0	2.385	16.80	55.1	S0409	.07190	9.2601	0.6	F
9016	35848.13	49 36N	16 10E	77.6	189.9	2.385	17.15	55.1	S0409	.07190	9.4580	0.6	V
9017	35854.13	48 59N	16 12E	82.1	189.8	2.385	25.10	55.7	S0409	.07190	8.8478	0.6	F
9018	35857.13	48 59N	16 12E	81.4	189.8	2.170	25.80	55.7	S0409	.07190	9.0216	0.6	V
9019	35863.73	46 59N	17 26E	80.4	189.6	2.385	20.65	57.3	S0409	.07190	9.0475	0.6	F
9020	35866.93	46 59N	17 26E	80.4	189.4	2.385	20.65	57.4	S0409	.07190	9.0292	0.6	F
9021	35869.53	46 59N	17 27E	80.8	189.4	2.170	21.70	57.3	S0409	.07190	8.9468	0.6	A
9022	35890.73	46 54N	17 25E	80.9	189.4	2.170	21.70	57.4	S0409	.07190	8.9463	0.6	A
9023	35907.53	45 41N	15 33E	79.2	189.2	2.385	-23.45	58.0	S0409	.07190	9.1199	0.6	F
9024	35910.53	45 40N	15 34E	77.9	189.1	2.385	-22.75	58.1	S0409	.07190	9.4168	1.0	V
9025	35913.73	45 39N	15 33E	78.6	189.1	2.385	-22.40	58.1	S0409	.07190	9.2456	0.6	A
9026	36003.33	32 51N	13 27E	76.5	187.6	2.872	12.25	67.3	S0409	.07190	9.5347	0.4	V
9027	36006.13	32 51N	13 27E	77.6	187.5	2.874	12.60	67.3	S0409	.05410	9.3178	0.4	A
1802 9001	41160.92	48 26N	4 30W	76.6	189.7	2.385	12.60	56.1	S0409	.09670	9.4663	0.8	F
9002	41174.32	48 26N	4 29W	76.9	189.5	2.385	13.65	56.1	S0409	.09670	9.4003	1.0	A
9003	41744.12	9 57N	13 36W	81.7	186.3	3.439	-7.35	64.3	S0409	.04090	8.8251	1.0	F
9004	41759.92	9 57N	13 36W	81.9	186.3	3.439	-6.30	64.3	S0409	.04090	8.7963	1.0	A
1803 9001	47361.73	12 36S	39 5W	97.4	186.6	3.211	10.50	52.9	S0409	.05410	7.3718	1.0	F
9002	47370.73	12 44S	39 27W	95.0	186.5	3.439	-0.35	52.6	S0409	.05410	7.5120	1.0	A
9003	47441.53	17 07S	39 14W	120.6	186.7	2.170	32.20	49.0	S0409	.04090	8.8733	1.0	A
1804 9001	52821.52	23 14S	63 33W	102.5	187.8	3.211	-3.85	45.8	S0409	.05410	8.9395	1.0	F
9002	52837.52	24 01S	62 14W	134.7	187.8	2.170	36.75	43.8	S0409	.04090	8.3120	1.0	A
9003	52847.52	24 01S	62 13W	137.3	187.4	1.687	38.15	43.8	S0409	.04090	8.1371	1.0	A
9004	52847.72	27 14S	64 14W	123.3	187.2	2.170	27.65	40.3	S0409	.05410	8.7408	1.0	A
9005	52928.12	30 19S	64 16W	127.6	187.4	2.872	-30.30	36.3	S0409	.05410	8.5494	0.4	F
9006	52932.72	30 19S	64 14W	125.2	187.4	3.090	-33.25	36.4	S0409	.05410	8.7321	0.6	V
9007	52945.32	31 20S	64 16W	118.8	187.5	2.385	21.70	36.3	S0409	.05410	8.8459	0.8	V
9008	52949.92	31 20S	64 15W	121.4	187.5	2.170	22.75	36.3	S0409	.05410	8.8153	0.6	A
9009	52957.12	32 10S	64 27W	119.1	187.6	2.385	21.65	35.6	S0409	.05410	8.6194	0.6	V
9010	52961.72	32 10S	64 27W	121.4	187.6	2.170	22.05	35.6	S0409	.05410	8.8153	0.6	A
9011	52947.92	34 01S	65 26W	114.2	187.4	2.733	8.75	33.2	S0409	.05410	8.2256	1.0	F
9012	52944.52	34 20S	65 6W	119.5	187.4	2.511	17.15	33.5	S0409	.05410	8.8057	1.0	A
9013	52947.92	34 07S	65 12W	118.3	187.3	2.511	17.15	33.0	S0409	.05410	8.8607	0.8	V
9014	53003.32	35 25S	64 43W	151.3	187.6	1.810	28.35	33.1	S0409	.05410	8.3598	1.0	A
9015	53013.72	36 14S	65 31W	119.6	187.9	2.385	16.10	31.8	S0409	.05410	8.9452	1.0	F
9016	53014.72	36 01S	65 26W	122.1	187.9	2.385	14.90	31.8	S0409	.05410	8.8215	1.0	F
9017	53022.92	36 07S	65 43W	117.3	188.0	2.511	15.65	31.4	S0409	.05410	8.1018	0.6	V
9018	53028.92	36 40S	65 41W	120.2	188.0	2.385	15.40	31.3	S0409	.05410	8.8545	0.4	A
9019	53064.32	38 07S	67 36W	119.8	188.3	3.090	-16.80	28.7	S0409	.05410	8.8957	1.2	A
9020	53125.32	43 07S	68 57W	124.3	188.8	2.733	-16.55	24.2	S0409	.05410	8.6315	0.8	F
9021	53129.92	43 07S	68 56W	122.7	188.9	2.733	-17.85	24.2	S0409	.05410	8.8215	0.6	V
9022	53134.52	43 07S	68 56W	124.3	188.9	2.733	-17.50	24.2	S0409	.07190	8.6731	0.6	A
9023	53153.52	45 40S	67 27W	133.9	189.1	2.033	22.40	22.9	S0409	.05410	8.2355	1.2	F
9024	53158.72	45 40S	67 26W	133.3	189.2	1.610	23.10	22.9	S0409	.05410	8.3515	0.6	V
9025	53201.52	48 40S	69 46W	123.9	189.7	2.385	-3.15	14.6	S0409	.07190	8.6378	1.0	F
9026	53211.12	48 40S	70 0W	125.5	189.8	2.511	-9.45	13.5	S0409	.07190	8.5989	1.0	A
9027	53222.52	49 01S	70 17W	125.3	190.0	2.385	-7.70	10.8	S0409	.07190	8.5424	1.0	A
9028	53230.52	49 09S	70 56W	129.1	190.1	2.511	-16.10	10.2	S0409	.04090	8.4422	1.0	A
9029	53236.52	51 0S	71 27W	131.4	190.2	2.385	-14.50	17.2	S0409	.07190	8.6598	1.0	F
9030	53241.12	51 2S	71 7W	127.0	190.2	2.385	-12.95	17.3	S0409	.07190	8.6071	1.0	V
9031	53251.32	51 35S	69 19W	137.3	190.4	1.687	20.30	17.4	S0409	.07190	8.8876	1.0	A
9032	53264.32	52 09S	70 51W	128.0	190.6	2.033	3.15	15.7	S0409	.07190	8.4399	1.0	F
9033	53266.12	53 0S	70 53W	128.2	190.6	2.033	3.15	15.6	S0409	.07190	8.4317	1.4	F
9034	53270.92	53 0S	70 52W	127.1	190.7	2.033	3.85	15.6	S0409	.07190	8.5906	0.8	V
9035	53273.92	52 09S	70 52W	128.8	190.7	2.033	3.50	15.7	S0409	.07190	8.4340	1.0	A
9036	53276.32	53 0S	70 56W	128.9	190.8	2.033	3.50	15.6	S0409	.09670	8.4257	0.8	A
1805 9001	57429.52	24 40N	77 47W	86.7	187.1	2.872	-31.15	69.7	S0409	.05410	8.3046	0.6	F
9002	57436.12	24 41N	77 35W	80.3	187.0	3.090	-21.00	70.0	S0409	.05410	8.9962	0.6	F
9003	57469.92	21 00N	77 46W	77.6	186.9	3.211	-10.85	70.6	S0409	.05410	9.3096	6.4	F
9004	57480.92	21 26N	77 51W	77.6	186.9	3.211	-9.80	70.7	S0409	.05410	9.3096	8.2	A
9005	57654.92	9 1N	79 31W	85.0	186.5	3.211	12.60	68.4	S0409	.05410	8.5180	0.6	F
9006	57657.92	9 1N	79 32W	84.3	186.5	3.211	12.95	68.5	S0409	.05410	8.6582	0.8	V
9007	57663.92	9 0oN	79 33W	81.3	186.5	3.439	1.05	68.0	S0409	.05410	8.9715	1.0	V
9008	57838.32	2 0oS	80 23W	129.1	186.4	1.687	44.45	61.9	S0409	.04090	8.5032	0.6	A
1806 9001	62543.52	37 41N	97 25W	90.1	188.1	2.170	-36.75	63.4	S0409	.04090	7.9820	0.6	F
9002	62549.92	37 42N	97 25W	89.5	188.1	2.385	-36.40	63.4	S0409	.04090	8.1304	0.8	A
1809 9001	77161.11	51 47N	12 19E	142.6	349.7	-1.812	-42.35	-17.6	S0130	.29710	5.0341	0.8	V
9002	77167.11	52 11N	12 14E	143.2	349.6	-1.812	-42.70	-17.7	S0130	.29710	5.0293	0.6	V
9003	77172.31	52 10N	12 10E	143.3	349.5	-1.685	-42.35	-17.7	S0130	.59710	4.9469	0.4	A
1811 9001	2443.90	54 40N	158 33E	75.7	191.1	2.033	6.65	50.5	S0409	.05410	9.6147	1.0	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1814 9005	18349.69	56 2N	92 60E	77.3	191.5	2.033	12.60	49.3	S0409	.07190	9.3448	0.6	A
9006	18519.29	44 4N	88 3E	75.4	189.0	2.511	-15.40	54.0	S0409	.05410	9.5317	1.0	F
9007	18524.69	44 4N	88 1E	75.0	188.9	2.511	-14.35	55.0	S0409	.05410	9.6724	1.0	A
9008	18530.29	43 5N	87 34E	79.8	188.9	2.385	-25.20	59.1	S0409	.05410	9.1134	1.4	A
9009	18557.69	41 2N	88 20E	79.3	188.6	2.733	19.95	61.5	S0409	.05410	9.1694	0.8	F
9010	18563.29	41 2N	88 20E	79.7	188.5	2.511	21.00	61.5	S0409	.05410	9.0622	1.0	A
9011	18572.49	40 5N	87 59E	77.1	188.5	2.733	14.70	61.4	S0409	.07190	9.3920	0.4	A
9012	18891.09	18 4N	82 50E	76.8	186.5	3.211	-8.70	70.9	S0409	.05410	9.5157	0.6	W
9013	18893.89	18 4N	82 5OE	77.8	186.3	3.439	-6.70	70.9	S0409	.05410	9.2766	0.6	R
1815 5001	23567.89	61 3N	74 1E	80.3	193.7	1.810	17.50	44.3	S0312	.04150	9.0447	0.6	F
5002	23573.49	61 1N	73 3OE	77.6	193.5	1.810	11.25	44.5	S0312	.04150	9.3415	0.6	V
5003	23576.89	61 1N	73 3IE	77.1	193.4	1.810	12.25	44.6	S0312	.05390	9.5146	0.6	W
5004	23586.89	60 5N	71 53E	78.6	193.1	1.810	-14.20	44.7	S0312	.04150	9.2825	0.6	A
5005	23670.09	54 5N	69 18E	76.9	191.2	1.810	-14.10	50.1	S0312	.04150	9.4309	0.4	F
5006	23672.89	54 5N	69 17E	75.9	191.1	2.033	-16.10	50.1	S0312	.04150	9.6465	0.4	W
5007	24540.29	4 3S	55 42E	107.7	186.4	3.090	-37.10	56.6	S0312	.02260	8.7561	1.2	W
9001	23672.89	54 5N	69 17E	75.9	191.1	2.033	-16.10	50.1	S0409	.07190	9.6477	0.4	W
9002	23675.69	54 5N	69 17E	76.8	191.1	2.033	-16.10	50.1	S0409	.07190	9.4498	0.4	A
9003	23716.49	51 5N	68 23E	74.1	190.4	2.033	-10.85	52.7	S0409	.05410	9.6963	1.0	W
9004	23732.89	50 5N	68 21E	74.1	190.1	2.385	8.71	54.0	S0409	.07190	9.7581	1.0	F
9005	23734.29	50 5N	68 21E	74.1	190.1	2.385	1.40	54.0	S0409	.07190	9.7795	0.6	A
9006	23771.89	47 5N	67 36E	74.5	189.6	2.385	4.90	56.2	S0409	.05410	9.7301	0.6	F
9007	23777.29	47 5N	67 37E	74.6	189.5	2.385	5.40	56.2	S0409	.05410	9.7194	0.6	A
9008	23821.09	44 5N	66 16E	74.0	189.0	2.385	-4.40	58.8	S0409	.05410	9.7479	1.2	F
9009	23826.29	44 5N	66 16E	73.9	189.0	2.385	-5.20	58.8	S0409	.05410	9.7126	1.4	A
9010	23885.09	40 0S	65 20E	74.1	188.4	2.733	2.10	62.2	S0409	.05410	9.7714	0.8	F
9011	23890.29	40 0S	65 21E	74.2	188.4	2.733	2.15	62.2	S0409	.05410	9.7549	1.0	A
9012	23902.49	39 5S	65 2E	74.3	188.3	2.733	2.10	63.1	S0409	.05410	9.7451	0.6	F
9013	23907.89	39 5S	65 2E	74.3	188.2	2.733	2.80	63.1	S0409	.05410	9.7456	0.6	R
1816 5001	28770.89	69 3N	56 32E	77.3	197.2	1.332	6.60	37.7	S0312	.04150	9.2586	0.4	F
5002	28850.09	63 3N	53 42E	96.5	194.3	1.332	26.95	42.5	S0312	.04150	9.6763	1.2	A
5003	28916.69	58 4N	49 40E	75.4	192.3	1.687	3.55	46.3	S0312	.04150	9.6156	0.6	F
5004	28920.09	58 3N	49 37E	75.3	192.4	1.687	3.90	46.3	S0312	.04150	9.6156	0.4	F
5005	28924.09	58 4N	49 40E	75.4	192.3	1.687	4.25	46.3	S0312	.04150	9.6418	0.6	A
5006	28925.49	58 3N	49 37E	75.4	192.3	1.687	4.25	46.3	S0312	.04150	9.6301	0.6	A
5007	28926.69	58 3N	49 36E	75.4	192.3	1.687	4.20	46.3	S0312	.04150	9.6218	0.6	A
5008	28944.09	57 3N	48 40E	74.9	191.9	2.033	1.75	46.3	S0312	.04150	9.6650	0.6	F
5009	28945.49	56 3N	48 46E	74.9	191.8	2.033	1.75	46.4	S0312	.04150	9.6715	0.4	F
5010	28946.49	56 3N	48 46E	74.9	191.8	2.033	1.75	46.4	S0312	.04150	9.6713	0.4	F
5011	28950.69	56 3N	48 42E	75.0	191.7	2.033	2.45	46.4	S0312	.04150	9.6745	1.6	A
5012	28959.89	55 3N	48 3E	80.7	191.5	2.033	10.50	49.5	S0312	.04150	9.6952	0.6	F
5013	28962.69	55 3N	48 3E	79.8	191.5	2.033	10.50	49.5	S0312	.04150	9.1941	0.6	W
5014	28981.09	54 4N	48 39E	85.8	191.1	2.033	24.85	50.8	S0312	.04150	9.6654	1.0	F
5015	28986.29	54 1N	48 14E	78.1	191.0	2.033	17.15	50.8	S0312	.04150	9.6393	0.6	W
5016	28988.09	54 1N	48 15E	79.1	191.0	2.033	17.50	50.8	S0312	.04150	9.1581	0.6	R
5017	28988.89	53 1N	48 22E	88.0	190.8	2.033	29.75	52.8	S0312	.03150	8.2956	0.4	F
5018	29001.49	53 1N	47 22E	86.3	190.7	2.033	29.75	51.9	S0312	.03150	8.4426	0.6	W
5019	29031.49	51 1N	46 14E	74.6	190.1	2.033	-7.00	55.0	S0312	.04150	9.7572	0.8	A
5020	29047.89	50 0N	45 16E	78.9	190.0	2.033	-22.65	54.1	S0312	.04150	9.1501	0.6	F
5021	29050.69	50 0N	45 16E	77.9	190.0	2.033	-21.75	54.1	S0312	.04150	9.4259	0.6	W
5022	29100.89	46 5N	43 50E	77.6	188.9	2.733	16.45	61.9	S0312	.03150	8.3662	1.0	F
5023	29788.29	1 6S	35 47E	97.1	186.4	2.872	25.80	62.5	S0312	.02260	7.4566	1.0	F
5024	29794.09	1 6S	35 12E	128.6	186.3	1.810	40.95	57.2	S0312	.02260	7.6512	1.2	A
5025	30153.09	25 4S	31 56E	124.2	187.1	2.033	31.85	42.2	S0312	.02260	7.5136	0.6	A
5026	30214.09	29 3S	30 60E	126.5	187.4	2.033	29.05	40.1	S0312	.03150	8.6725	0.4	V
5027	30218.89	29 3S	30 60E	129.0	187.4	2.033	29.40	40.1	S0312	.03150	8.4663	0.8	A
9001	28912.09	59 1N	49 19E	75.2	192.5	1.687	-10.15	46.2	S0409	.07190	9.5157	1.0	F
9002	28962.69	55 3N	49 3E	79.8	191.5	2.033	15.45	49.5	S0409	.07190	9.1941	0.6	V
9003	28965.69	55 3N	49 3E	80.9	191.4	1.810	20.65	49.5	S0409	.07190	9.9550	0.6	A
9004	29013.69	52 1N	47 8E	75.7	190.5	2.033	8.75	52.5	S0409	.07190	9.5317	4.2	F
9005	29021.29	52 0N	47 4E	75.8	190.4	2.033	9.45	52.7	S0409	.07190	9.5370	0.6	A
9006	29050.69	50 4N	45 16E	77.8	190.0	2.033	-21.70	54.1	S0409	.07190	9.4250	0.4	W
9007	29053.49	50 4N	45 16E	78.5	189.9	2.033	-21.35	54.1	S0409	.07190	9.2519	0.4	A
9008	29065.69	48 4IN	46 18E	80.5	189.5	2.385	20.30	55.7	S0409	.07190	9.0210	6.4	F
9009	29075.49	48 2N	46 13E	80.9	189.6	2.170	21.35	55.9	S0409	.07190	8.9220	3.0	A
9010	29146.29	43 4N	43 40E	73.9	188.3	2.385	-12.25	59.5	S0409	.07190	9.9193	0.6	W
9011	29149.09	43 4N	43 40E	74.7	188.3	2.385	-11.90	59.5	S0409	.07190	9.7156	0.4	A
9012	29187.69	40 4S	44 4E	82.6	185.4	2.511	25.20	62.1	S0409	.04150	8.7499	0.4	A
9013	29594.49	12 3N	37 37E	80.2	186.6	3.430	3.45	69.8	S0409	.05410	9.0852	0.8	W
9014	29735.29	3 1N	35 37E	85.5	186.4	3.439	-9.45	64.8	S0409	.05410	8.8108	1.0	A
9015	29741.49	1 3S	35 29E	85.4	186.4	3.439	-4.90	65.8	S0409	.05410	8.4273	1.0	F
9016	29760.69	1 1N	34 50E	89.7	186.4	3.439	-21.35	65.1	S0409	.05410	8.8067	1.0	F
9017	29767.89	0 5S	34 13E	86.1	186.4	3.434	-10.15	65.3	S0409	.05410	8.3448	1.0	A
9018	29770.09	0 4S	34 11E	86.1	186.4	3.439	-10.15	65.2	S0409	.05410	8.3445	1.4	A
9019	29774.89	0 2S	34 15E	86.0	186.4	3.439	-1.05	62.5	S0409	.05410	8.5695	1.0	F
9020	29828.89	3 2S	34 50E	114.1	186.4	2.170	36.40	61.2	S0409	.04090	8.2503	1.0	A
9021	30089.89	19 6S	33 27E	136.6	186.3	1.810	40.25	46.1	S0409	.03090	8.1763	1.2	A
1817 5001	34070.69	69 7N	33 31E	79.4	196.5	1.113	-14.70	37.1	S0312	.05390	9.0859	0.6	F
5002	34076.49	69 6N	33 31E	79.2	196.5	1.113	-14.55	37.1	S0312	.05390	9.1514	0.8	A
5003	34084.49	69 4N	33 26E	76.8	197.5	1.332	-2.45	36.0	S0312	.05390	9.4157	0.4	F

Handle via BYEMAN Channels BYE-8915/84

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1817 5004	34087.09	68 9N	33 27E	75.9	197.4	1.332	-2.10	38.0	S0312	.0549U	9.6465	0.6	V
5005	34095.89	67 25N	32 34E	76.9	197.0	1.332	-6.30	38.7	S0312	.0415U	9.3992	0.4	F
5006	34096.89	67 21N	32 31E	76.9	196.9	1.332	-6.30	38.8	S0312	.0415U	9.3992	0.6	F
5007	34101.69	67 13N	32 21E	76.1	196.7	1.332	-7.00	38.9	S0312	.0539U	9.6218	0.6	V
5008	34104.49	67 13N	32 21E	76.9	196.6	1.332	-6.65	38.9	S0312	.0415U	9.4322	0.6	A
5009	34108.49	61 12N	28 47E	75.6	193.4	1.810	2.10	44.5	S0312	.0415U	9.5806	0.6	F
5010	34195.09	60 40N	28 46E	76.4	193.3	1.810	7.35	45.0	S0312	.0415U	9.4499	0.6	F
5011	34197.89	60 40N	28 46E	75.6	193.2	1.810	7.70	45.0	S0312	.0415U	9.7043	0.6	V
5012	34203.09	60 20N	28 53E	77.6	193.0	1.810	14.35	45.4	S0312	.0415U	9.4569	0.6	V
5013	34205.89	60 20N	28 53E	78.6	193.0	1.810	14.70	45.4	S0312	.0415U	9.2260	0.6	A
5014	34224.29	58 40N	27 47E	76.3	192.5	2.033	8.40	46.8	S0312	.0415U	9.4981	0.4	F
5015	34233.09	58 20N	26 47E	75.0	192.3	1.810	-10.85	47.0	S0312	.0415U	9.7620	0.6	V
5016	34235.89	58 20N	26 47E	75.8	192.2	1.811	-10.50	47.0	S0312	.0415U	9.5806	0.6	A
5017	34241.29	57 50N	26 51E	74.0	192.1	1.810	-2.80	47.5	S0312	.0415U	9.9104	1.4	V
5018	34246.08	57 16N	26 41E	74.8	192.0	2.033	-1.05	48.1	S0312	.0415U	9.6878	0.4	F
5019	34249.69	57 16N	26 40E	73.9	191.9	2.033	-1.05	48.1	S0312	.0415U	9.9186	0.4	V
5020	34254.29	56 49N	26 5E	75.7	191.8	1.810	-10.85	48.4	S0312	.0415U	9.5508	0.6	F
5021	34267.09	56 40N	26 5E	74.7	191.7	1.810	-10.50	48.4	S0312	.0415U	9.8062	0.4	V
5022	34284.69	54 44N	25 18E	75.0	191.2	2.033	-9.10	50.2	S0312	.0415U	9.6543	0.6	F
5023	34287.49	54 44N	25 16E	74.0	191.1	2.033	-8.75	50.3	S0312	.0415U	9.9021	1.0	V
5024	34290.69	54 42N	25 17E	74.9	191.1	2.033	-8.75	50.3	S0312	.0415U	9.6960	0.6	A
5025	34296.29	53 54N	25 24E	74.5	191.0	2.170	2.10	51.1	S0312	.0415U	9.7207	0.6	F
5026	34297.69	53 49N	25 22E	74.6	190.9	2.170	2.10	51.1	S0312	.0415U	9.7207	0.6	F
5027	34300.49	53 37N	25 18E	74.6	190.9	2.170	2.45	51.3	S0312	.0415U	9.7207	1.2	F
5028	34311.09	52 54N	25 27E	77.3	190.7	2.170	14.35	52.1	S0312	.0415U	9.3992	0.6	F
5029	34329.69	52 0N	23 40E	80.9	190.4	2.033	-25.55	52.3	S0312	.0315U	8.9707	0.4	B
5030	34336.28	51 14N	24 2E	74.5	190.3	2.170	-8.75	53.3	S0312	.0415U	9.7125	0.4	F
5031	34341.69	50 49N	24 17E	74.3	190.2	2.385	2.45	53.7	S0312	.0415U	9.7537	0.4	F
5032	34347.08	50 49N	24 17E	74.4	190.1	2.385	3.15	53.7	S0312	.0415U	9.7537	0.4	A
5033	34364.49	49 16N	23 47E	74.2	189.9	2.385	3.15	55.0	S0312	.0415U	9.7702	0.4	F
5034	34367.09	49 16N	23 47E	73.4	189.8	2.385	3.50	55.0	S0312	.0415U	9.9046	0.4	V
5035	34377.89	48 30N	22 50E	74.5	189.7	2.385	-14.65	55.4	S0312	.0415U	9.8844	0.4	V
5036	34399.29	46 40N	23 37E	80.7	189.4	2.385	21.00	57.2	S0312	.0315U	9.0199	0.6	F
5037	34402.29	46 47N	23 36E	79.9	189.4	2.385	21.35	57.3	S0312	.0315U	9.1848	0.6	V
5038	34413.49	45 50N	22 54E	75.3	189.3	2.511	8.75	57.9	S0312	.0315U	9.6501	0.6	F
5039	34416.28	45 50N	22 54E	74.6	189.2	2.511	9.10	57.9	S0312	.0415U	9.8279	0.4	V
5040	34423.49	45 27N	22 12E	73.5	189.1	2.511	-9.45	58.0	S0312	.0415U	9.9763	0.4	V
5041	34426.09	45 27N	22 12E	74.3	189.1	2.511	-9.10	58.0	S0312	.0415U	9.7765	0.6	B
5042	34436.29	44 20N	22 54E	80.0	189.0	2.385	21.35	59.1	S0312	.0315U	9.1683	0.6	V
5043	34439.28	44 20N	22 54E	81.2	189.0	2.385	21.70	59.1	S0312	.0315U	8.9292	0.6	A
5044	34451.29	43 20N	21 58E	74.0	188.8	2.733	1.75	59.8	S0312	.0315U	9.8032	0.6	F
5045	34456.49	43 20N	21 57E	74.1	188.8	2.733	2.45	59.8	S0312	.0315U	9.7867	0.8	A
5046	34467.88	41 5N	20 33E	78.6	188.5	2.511	-24.50	61.1	S0312	.0315U	9.3085	0.4	V
5047	34490.69	41 5N	20 33E	79.4	188.5	2.511	-24.15	61.1	S0312	.0315U	9.1518	0.4	A
5048	34496.49	40 19N	20 2E	87.2	188.4	2.170	-33.95	61.5	S0312	.0315U	8.2551	0.4	F
5049	34499.49	40 20N	20 2E	86.0	188.4	2.385	-33.45	61.5	S0312	.0315U	8.5170	0.6	V
5050	34505.49	39 54N	20 1E	84.0	188.4	2.385	-31.50	61.9	S0312	.0415U	8.7251	0.6	V
5051	34508.49	39 54N	20 1E	84.7	188.3	2.385	-31.15	61.9	S0312	.0415U	8.5912	0.8	A
5052	35102.68	1 0S	13 55E	106.5	186.4	2.385	31.85	62.7	S0312	.0226U	6.6048	1.0	A
9001	34070.69	69 0N	33 31E	79.4	198.5	1.113	-14.70	37.1	S0409	.0719U	9.0869	1.6	F
9002	34076.49	68 7N	33 31E	79.1	198.0	1.113	-14.35	37.1	S0409	.0719U	9.1529	1.8	A
9003	34084.29	68 9N	33 26E	76.9	197.5	1.332	-2.45	38.0	S0409	.0967U	9.4168	0.6	F
9004	34087.09	68 9N	33 27E	75.9	197.4	1.332	-2.10	38.0	S0409	.0367U	9.6477	0.4	V
9005	34203.09	60 20N	28 52E	77.6	196.0	1.810	14.35	45.4	S0409	.0719U	9.4580	0.6	V
9006	34205.89	60 20N	28 53E	78.6	193.0	1.810	14.70	45.4	S0409	.0719U	9.2271	0.6	A
9007	34213.28	59 50N	28 32E	77.8	192.8	1.810	12.95	45.8	S0409	.0719U	9.3096	7.6	A
9008	34265.89	55 50N	26 30E	76.1	191.3	2.033	8.75	49.3	S0409	.0719U	9.5522	0.4	F
9009	34271.29	55 50N	26 30E	76.1	191.4	2.033	9.45	49.3	S0409	.0719U	9.5175	1.0	A
9010	34305.88	53 37N	25 18E	74.6	190.8	2.170	3.15	51.3	S0409	.0719U	9.7136	0.6	A
9011	34317.09	52 39N	25 5E	74.3	190.6	2.170	7.00	52.2	S0409	.0719U	9.8703	0.6	V
9012	34319.89	52 39N	25 5E	75.2	190.5	2.170	7.35	52.2	S0409	.0719U	9.6512	0.6	A
9013	34329.69	52 7N	24 40E	80.9	190.4	2.033	-25.55	52.4	S0409	.0719U	8.9797	0.8	A
9014	34344.29	50 49N	24 17E	73.5	190.2	2.385	2.80	53.7	S0409	.0719U	9.9775	0.4	V
9015	34346.89	50 49N	24 17E	74.4	190.1	2.385	3.15	53.7	S0409	.0719U	9.7549	0.6	A
9016	34355.69	50 5N	23 39E	73.5	190.0	2.385	-9.10	54.2	S0409	.0719U	9.9693	0.6	V
9017	34358.49	50 4N	23 38E	74.3	190.0	2.385	-8.75	54.2	S0409	.0719U	9.7549	0.6	A
9018	34367.09	49 16N	23 47E	73.4	189.8	2.385	3.50	55.0	S0409	.0719U	9.9858	0.4	V
9019	34369.69	49 16N	23 47E	74.3	189.8	2.385	3.85	55.0	S0409	.0719U	9.7486	0.4	A
9020	34382.28	48 16N	22 39E	77.3	189.6	2.170	-21.00	55.6	S0409	.0719U	9.4910	0.6	V
9021	34385.09	48 16N	22 39E	77.9	189.6	2.385	-20.65	55.6	S0409	.0719U	9.3178	0.6	A
9022	34473.49	41 50N	21 28E	73.0	188.6	2.733	-2.45	60.8	S0409	.0719U	10.0405	0.4	V
9023	34476.09	42 0N	21 28E	73.8	188.6	2.733	-2.10	60.8	S0409	.0719U	9.8126	0.4	A
1818 5001	39879.28	35 7N	1 51W	77.0	187.4	2.733	14.70	65.8	S0312	.0315U	9.5229	0.6	V
5002	39881.08	35 6N	1 52W	78.1	187.4	2.733	15.05	65.8	S0312	.0315U	9.2673	0.6	A
5003	39887.08	34 56N	1 55W	78.8	187.3	2.733	16.45	66.0	S0312	.0315U	9.1848	0.6	A
9001	39674.28	49 9N	1 31E	73.2	189.3	2.385	0.00	55.1	S0409	.0719U	10.0187	0.6	V
9002	39677.08	49 8N	1 31E	74.0	189.3	2.385	0.35	55.1	S0409	.0719U	9.7879	0.6	A
9003	39734.68	44 50N	0 43W	85.0	189.1	2.170	-29.05	58.2	S0409	.0541U	8.6746	0.8	F
9004	39737.68	44 50N	0 43W	81.8	189.0	2.170	-28.70	58.2	S0409	.0719U	8.9468	0.8	V
9005	40203.08	6 34N	7 28W	95.1	186.3	3.211	11.55	67.3	S0409	.0541U	8.5674	1.0	V
1820 5001	51030.38	2 24S	54 46W	115.4	186.4	2.872	-42.70	68.1	S0312	.0226U	6.1436	0.8	F
5002	51421.48	29 4S	59 17W	113.9	187.3	3.090	-22.85	68.0	S0312	.0315U	6.2414	0.8	F

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1820 5003	51437.28	29 40S	57 54W	113.2	187.4	2.511	16.10	38.0	S0312	.03150	6.3885	1.0	V
5004	51441.88	31 40S	60 29W	131.7	187.5	2.733	-35.70	35.2	S0312	.03150	5.3689	1.0	F
5005	51466.68	31 40S	60 29W	129.6	187.5	2.733	-35.00	35.2	S0312	.03150	5.5488	1.0	V
5006	51478.28	32 02S	60 46W	133.4	187.5	2.733	-36.05	34.2	S0312	.03150	5.4097	1.0	F
5007	51507.48	34 40S	58 34W	126.3	187.8	2.170	25.55	33.5	S0312	.03150	5.6807	0.6	V
5008	51512.08	34 47S	58 33W	128.6	187.8	2.170	25.90	33.6	S0312	.03150	5.4911	0.6	A
5009	51567.28	38 21S	62 5W	132.7	188.2	2.733	-31.50	28.7	S0312	.04150	5.5262	1.0	F
5010	51572.08	38 02S	62 1W	129.4	188.3	2.733	-29.75	28.7	S0312	.03150	5.6523	1.0	V
5011	51577.08	38 02S	62 6W	132.8	188.3	3.090	-31.15	28.7	S0312	.04150	5.3427	1.0	A
9001	50919.88	5 12N	52 40W	87.0	186.4	3.439	-19.25	65.8	S0409	.05410	8.2706	1.2	F
9002	50996.28	6 11N	52 40W	86.7	186.4	3.574	-18.20	65.9	S0409	.05410	8.3036	1.0	A
9003	51491.88	33 07S	59 12W	113.1	187.7	2.872	6.30	34.0	S0409	.05410	6.2346	0.6	F
9004	51495.88	33 07S	59 13W	112.2	187.7	2.872	6.65	34.0	S0409	.05410	6.3363	0.6	V
9005	51500.08	33 07S	59 12W	113.9	187.7	2.872	7.00	34.0	S0409	.05410	6.2009	0.6	A
9006	51533.68	36 40S	59 52W	115.1	188.0	2.733	5.25	31.3	S0409	.05410	6.1579	0.6	F
9007	51540.88	36 39S	59 44W	115.9	188.0	2.511	10.15	31.2	S0409	.05410	6.1701	0.6	V
9008	51545.28	36 39S	59 44W	117.3	188.1	2.511	10.50	31.2	S0409	.05410	5.9365	0.6	A
9009	51567.08	38 21S	62 5W	132.7	188.2	2.733	-31.50	28.7	S0409	.07190	5.5262	1.0	F
9010	51576.88	38 02S	62 6W	132.7	188.3	3.090	-31.15	28.7	S0409	.07190	5.3433	1.0	A
1821 5001	56284.47	1 46N	74 51W	86.9	186.4	3.439	4.55	66.9	S0312	.04150	8.2774	0.6	V
5002	56340.07	2 40S	76 27W	97.8	186.4	3.211	-28.70	66.3	S0312	.03150	7.3415	0.4	F
5003	56473.27	10 15S	77 8W	95.2	186.5	3.439	4.20	65.6	S0312	.04150	7.5523	0.6	F
5004	56476.67	10 15S	77 8W	94.5	186.5	3.211	5.25	65.6	S0312	.04150	7.6577	0.6	V
9001	56012.07	19 30N	71 38W	77.7	186.3	3.211	1.50	71.0	S0409	.05410	8.4342	1.0	V
9002	56017.87	19 44N	71 54W	78.0	186.3	3.439	-7.70	70.8	S0409	.05410	8.2301	1.4	A
9003	56029.87	18 50N	72 20W	80.7	186.3	3.211	-17.85	70.5	S0409	.05410	8.0554	0.6	F
9004	56042.67	17 50N	71 39W	83.0	186.7	3.090	15.75	71.2	S0409	.05410	8.5746	1.2	A
9005	56135.47	7 3N	73 48W	84.1	186.3	3.439	5.53	67.4	S0409	.05410	8.5442	1.0	F
9006	56211.47	5 40N	74 27W	84.3	186.3	3.574	-12.60	66.4	S0409	.05410	8.5427	0.6	F
9007	56218.67	5 41N	74 39W	86.0	186.4	3.439	-17.15	66.1	S0409	.05410	8.3395	0.6	F
9008	56221.87	5 41N	74 39W	85.0	186.4	3.439	-16.80	66.1	S0409	.05410	8.4757	0.6	V
9009	56229.07	5 40N	74 52W	88.9	186.4	3.574	-22.75	65.8	S0409	.05410	8.1222	1.0	A
9010	56234.47	4 47N	75 14W	95.0	186.4	3.211	-31.15	65.1	S0409	.05410	7.5532	0.4	F
9011	56242.67	4 40N	74 38W	84.8	186.4	3.574	-6.65	65.6	S0409	.05410	8.5180	1.2	A
9012	56255.87	3 50N	75 17W	90.7	186.4	3.439	-24.15	64.4	S0409	.05410	7.9245	0.4	F
9013	56266.47	2 41N	74 49W	85.7	186.4	3.439	2.45	64.4	S0409	.05410	8.4190	1.0	F
9014	56275.07	1 49N	75 33W	92.3	186.4	3.439	-25.20	63.5	S0409	.05410	7.7441	1.0	F
9015	56476.47	10 0S	77 6W	94.5	186.5	3.211	5.25	53.6	S0409	.07190	7.6508	0.6	V
9016	56480.07	10 1S	77 8W	95.2	186.5	3.211	5.60	53.6	S0409	.07190	7.4477	0.6	A
1823 5001	66346.47	39 47N	113 1W	86.8	186.2	2.170	-34.30	62.7	S0312	.04150	8.2551	0.6	F
5002	66352.67	39 47N	113 1W	86.7	186.2	2.385	-33.95	62.8	S0312	.03150	8.4253	0.8	A
5003	66415.67	33 41N	114 13W	92.1	187.7	2.385	-34.15	65.6	S0312	.04150	7.6102	0.6	F
5004	66422.27	33 41N	114 12W	91.3	187.7	2.511	-37.45	65.6	S0312	.04150	7.9503	0.8	A
9001	66346.27	39 47N	113 1W	86.8	186.2	2.170	-34.30	62.7	S0409	.05410	8.2471	0.8	F
9002	66352.47	39 47N	113 1W	86.7	186.2	2.385	-33.95	62.8	S0409	.05410	8.4273	0.8	A
9003	66415.47	33 42N	114 13W	92.2	187.7	2.385	-34.15	65.6	S0409	.05410	7.6171	0.6	F
9004	66422.07	33 42N	114 12W	91.2	187.7	2.511	-37.45	65.6	S0409	.05410	7.9572	0.8	A
9005	66501.67	28 52N	114 8W	77.3	187.3	3.090	6.75	59.3	S0409	.05410	9.3426	1.0	A
1825 5001	75664.86	52 10N	14 8E	111.1	349.5	-1.466	32.55	-16.2	S0312	.29710	6.5399	0.6	V
5002	75673.86	52 50N	12 56E	133.3	349.4	-1.183	44.45	-15.2	S0312	.29710	5.3591	0.4	F
5003	75679.06	53 1N	13 23E	120.0	349.5	-1.321	38.85	-15.5	S0312	.29710	6.0270	0.6	V
5004	75681.26	53 3N	13 19E	119.9	349.5	-1.321	38.45	-15.1	S0312	.29710	6.0492	0.4	V
5005	75684.66	53 4N	13 12E	124.3	349.5	-1.321	40.60	-15.2	S0312	.29710	5.7736	0.8	A
1827 5001	923.86	55 44N	165 59E	85.9	191.3	1.810	27.30	49.9	S0312	.04150	8.6407	0.6	V
5002	927.06	55 10N	165 59E	86.3	191.2	1.816	27.65	49.9	S0312	.04150	8.5095	0.4	A
1828 5001	6327.25	48 59N	140 17E	73.3	189.8	2.385	-4.55	55.0	S0312	.05390	10.0011	0.6	V
5002	6330.05	48 59N	140 17E	74.2	189.7	2.385	-4.20	55.0	S0312	.05390	9.7750	0.4	A
9001	6257.45	53 36N	141 28E	76.7	190.3	2.033	-15.40	51.0	S0409	.05410	9.4162	0.6	F
9002	6260.25	53 36N	141 28E	75.8	190.3	2.033	-15.40	51.0	S0409	.05410	9.6724	0.4	V
9003	6263.05	53 35N	141 28E	76.5	190.3	2.033	-15.05	51.0	S0409	.05410	9.4422	0.4	A
9004	6267.45	53 35N	141 16E	76.3	190.7	2.033	-14.35	51.6	S0409	.05410	9.4745	0.4	F
9005	6270.65	53 35N	141 18E	75.3	190.6	2.033	-14.00	51.6	S0409	.05410	9.7584	0.4	V
9006	6273.45	53 34N	141 16E	76.0	190.6	2.033	-13.65	51.6	S0409	.05410	9.5487	0.4	A
9007	6243.05	51 40N	141 41E	75.4	190.4	2.385	-9.40	52.8	S0409	.07190	9.5570	0.8	F
9008	6288.45	51 40N	141 42E	75.9	190.5	2.170	-9.45	52.8	S0409	.07190	9.2405	1.0	A
9009	6320.45	49 17N	140 14E	74.6	189.9	2.385	-9.10	54.7	S0409	.05410	9.6972	0.6	F
9010	6323.25	49 16N	140 14E	73.7	189.8	2.385	-8.75	54.7	S0409	.05410	9.9525	0.4	V
9011	6327.25	48 59N	140 17E	73.3	189.8	2.385	-8.55	55.0	S0409	.04670	10.0323	0.4	V
9012	6330.05	48 59N	140 17E	74.1	189.7	2.385	-8.20	55.0	S0409	.04670	9.7361	0.4	A
9013	6291.85	35 46N	136 52E	74.8	187.9	2.872	5.15	65.3	S0409	.07190	9.6372	0.6	F
9014	6297.25	35 45N	136 53E	74.9	187.9	2.872	4.20	65.3	S0409	.07190	9.6642	0.6	A
1829 5001	11631.05	49 40N	117 20E	85.6	189.3	2.033	-32.20	54.1	S0312	.03150	8.4922	0.4	A

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1829 5002	11753.25	40 50N	116 43E	81.5	188.5	2.395	23.80	61.7	S0312	.02260	6.9352	0.6	V
5003	11756.65	40 26N	116 41E	84.4	188.5	2.385	25.90	62.1	S0312	.03150	8.6242	0.6	F
5004	11759.65	40 26N	116 41E	83.7	188.4	2.385	26.25	62.1	S0312	.03150	8.7643	0.6	V
5005	11793.85	38 4N	114 23E	83.8	188.2	2.511	-30.10	63.0	S0312	.03150	8.5994	0.4	F
5006	11796.85	38 4N	114 23E	82.6	188.1	2.511	-29.75	63.0	S0312	.03150	8.4550	0.4	V
5007	11801.45	37 50N	114 37E	78.6	188.1	2.733	-21.70	66.2	S0312	.03150	9.2490	0.4	A
5008	11805.05	37 42N	114 26E	80.6	188.1	2.733	-25.55	66.3	S0312	.02260	9.0282	0.6	A
5009	11860.85	33 26N	113 37E	79.3	187.7	2.733	-22.40	66.0	S0312	.03150	9.1106	0.4	F
5010	11874.25	32 59N	114 5E	74.2	187.6	3.090	2.10	66.9	S0312	.03150	9.8774	0.6	V
5011	11955.05	26 50N	112 38E	75.4	187.2	3.211	-8.40	69.4	S0312	.03150	9.5059	0.6	F
5012	11959.25	26 49N	112 39E	75.0	187.2	3.211	-6.65	69.4	S0312	.03150	9.7537	0.4	V
5013	11961.85	26 49N	112 39E	76.0	187.2	3.211	-6.30	69.4	S0312	.03150	9.8511	0.6	A
5014	11997.25	24 29N	111 30E	87.1	187.0	3.090	-31.50	69.6	S0312	.03150	8.3438	0.6	A
5015	12006.05	23 54N	111 21E	85.8	187.0	2.872	-30.80	69.8	S0312	.03150	8.5887	0.4	V
9001	11747.05	41 10N	117 13E	91.2	188.6	2.170	34.30	61.6	S0409	.04090	8.0408	0.6	V
9002	11759.45	40 47N	116 41E	83.7	188.4	2.385	26.25	62.1	S0409	.05410	8.7654	0.6	V
9003	11762.65	40 26N	116 41E	85.0	188.4	2.385	26.60	62.1	S0409	.05410	8.8952	0.6	A
9004	11768.25	39 59N	116 10E	77.8	188.4	2.733	15.05	62.4	S0409	.05410	9.5240	0.6	V
9005	11771.05	39 59N	116 10E	78.0	188.3	2.733	15.40	62.4	S0409	.05410	9.2664	0.6	A
9006	11779.65	39 34N	115 57E	74.3	188.3	2.733	15.75	63.1	S0409	.05410	9.2584	0.6	F
9007	11782.65	39 34N	115 55E	77.1	188.2	2.733	15.05	63.1	S0409	.05410	9.5075	0.4	V
9008	11810.25	36 59N	114 26E	78.1	188.0	2.733	-20.65	63.4	S0409	.05410	9.2519	0.6	F
9009	11815.85	36 59N	114 26E	77.7	188.0	2.872	-19.95	63.9	S0409	.05410	9.3343	0.6	A
9010	11869.05	32 49N	114 1E	74.7	187.6	3.090	-2.45	66.7	S0409	.05410	9.6409	0.4	F
9011	11874.85	32 51N	114 1E	75.0	187.6	3.090	1.05	67.0	S0409	.05410	9.6529	0.6	A
9012	11903.45	30 30N	114 18E	84.4	187.5	2.733	25.55	68.5	S0409	.07190	8.6502	0.6	V
9013	11906.45	30 34N	114 18E	86.0	187.4	2.511	26.25	68.5	S0409	.07190	8.6343	0.6	A
9014	11943.25	27 50N	112 54E	74.3	187.3	3.090	-5.60	69.1	S0409	.07190	9.7461	0.6	V
9015	11946.05	27 54N	112 53E	74.6	187.2	3.090	-5.25	69.1	S0409	.07190	9.5652	0.6	A
9016	11959.05	26 49N	112 39E	75.0	187.2	3.211	-6.65	69.4	S0409	.07190	9.7545	0.6	V
9017	11961.85	26 49N	112 39E	75.0	187.2	3.211	-6.30	69.4	S0409	.07190	9.8522	0.6	A
9018	12011.45	23 29N	111 14E	87.3	187.0	3.090	-31.50	69.8	S0409	.04090	8.3036	0.4	F
9019	12020.25	22 50N	111 39E	77.3	186.9	3.211	-14.00	70.4	S0409	.05410	9.4030	1.0	V
9020	12024.85	22 50N	111 50E	77.0	186.9	3.211	-8.85	70.6	S0409	.05410	9.5326	1.0	A
9021	12446.45	6 4S	106 53E	89.7	186.5	3.439	-1.05	58.4	S0409	.05410	8.0974	0.6	V
9022	12440.25	6 4S	106 54E	90.9	186.5	3.439	-0.70	58.4	S0409	.05410	7.8665	0.6	A
1830 5001	16843.25	55 27N	98 0E	76.8	191.5	1.810	-17.85	48.9	S0312	.04150	9.5324	0.6	V
5002	17162.05	34 14N	92 27E	73.5	187.7	2.872	7.70	66.0	S0312	.03150	9.8774	0.4	A
5003	17223.65	29 40N	91 6E	73.5	187.4	3.090	-8.05	68.2	S0312	.03150	9.8444	0.4	F
5004	17226.25	29 40N	91 5E	72.7	187.4	3.090	-7.70	68.3	S0312	.03150	10.0753	0.4	V
9001	17223.05	29 42N	91 6E	73.6	187.4	3.090	-8.05	68.2	S0409	.05410	9.8456	0.4	F
9002	17226.25	29 40N	91 5E	72.7	187.4	3.090	-7.70	68.3	S0409	.07190	10.0765	0.4	V
9003	17228.85	29 40N	91 5E	73.6	187.4	3.090	-7.35	68.3	S0409	.07190	9.8456	0.4	A
9004	17234.05	29 16N	91 1E	73.6	187.3	3.090	-7.00	68.4	S0409	.05410	9.6436	0.4	A
9005	18210.65	37 21S	77 38E	123.6	188.1	2.872	-23.10	50.0	S0409	.05410	5.7143	0.4	F
9006	18215.05	37 21S	77 34E	122.2	188.1	2.872	-22.75	50.0	S0409	.05410	5.8545	0.6	V
9007	18219.65	37 22S	77 33E	123.8	188.2	3.090	-22.75	50.0	S0409	.05410	5.7145	0.4	A
9008	18443.65	53 4S	73 44E	128.2	190.7	2.170	-5.25	15.4	S0409	.07190	5.5412	0.6	V
9009	18447.45	53 4S	73 44E	130.0	190.8	2.170	-4.90	15.9	S0409	.07190	5.4945	0.6	A
1831 5001	22237.04	49 56N	74 14E	85.0	190.0	1.810	-31.15	56.9	S0312	.03150	9.4758	1.4	F
5002	22241.04	49 52N	74 13E	83.8	189.9	2.043	-31.15	56.9	S0312	.03150	9.7696	0.6	V
5003	22247.04	49 46N	72 59E	88.1	189.8	2.043	-38.50	56.1	S0312	.02260	9.2614	0.6	A
5004	22288.04	46 44N	72 51E	75.2	189.3	2.385	-13.65	57.6	S0312	.04150	9.6156	0.4	F
5005	22293.44	46 24N	72 51E	75.1	189.3	2.385	-12.95	57.6	S0312	.04150	9.6795	0.4	A
5006	22301.84	45 59N	72 34E	74.9	189.2	2.385	-15.40	57.6	S0312	.04150	9.7367	0.6	V
5007	22304.64	45 50N	72 34E	75.6	189.1	2.385	-15.05	57.6	S0312	.03150	9.6053	0.6	A
5008	22598.24	25 6N	67 24E	85.6	187.1	2.872	-29.75	69.5	S0312	.03150	9.4098	1.0	F
5009	22601.44	25 0N	67 24E	84.4	187.1	2.872	-29.40	69.5	S0312	.03150	9.6489	0.6	V
9001	22170.64	54 41N	76 32E	76.7	191.1	2.043	11.20	50.2	S0409	.05410	9.4333	0.4	A
9002	22286.84	46 29N	72 53E	75.3	189.3	2.385	-13.65	56.9	S0409	.07190	9.6147	1.6	F
9003	22292.24	46 29N	72 52E	75.0	189.3	2.385	-12.95	56.9	S0409	.07190	9.6807	1.6	A
9004	22301.84	45 59N	72 34E	74.9	189.2	2.385	-15.40	57.6	S0409	.07190	9.7379	0.6	V
9005	22304.64	45 50N	72 34E	75.6	189.1	2.385	-15.05	57.6	S0409	.07190	9.6064	0.6	A
9006	22336.24	42 50N	72 44E	76.8	188.9	2.733	13.30	60.0	S0409	.05410	9.4438	0.4	F
9007	22341.84	42 29N	72 44E	77.2	188.7	2.511	14.70	60.0	S0409	.05410	9.6673	0.4	A
9008	22364.84	40 44N	72 18E	79.6	188.3	2.733	18.90	61.8	S0409	.05410	9.1199	0.4	F
9009	22371.64	40 44N	72 18E	79.0	188.3	2.511	19.60	61.8	S0409	.05410	9.2451	0.6	V
9010	22377.64	40 23N	71 46E	73.6	188.4	2.733	4.55	61.8	S0409	.05410	9.9510	0.6	V
9011	22380.44	40 22N	71 45E	74.5	188.4	2.733	4.90	61.9	S0409	.05410	9.7219	0.6	A
9012	22459.04	34 59N	70 31E	76.2	187.4	2.872	9.80	65.9	S0409	.07190	9.5258	4.0	F
9013	22474.24	33 59N	69 60E	74.1	187.7	3.090	-1.05	66.3	S0409	.07190	9.7714	4.0	F
9014	22481.64	33 26N	69 59E	74.3	187.7	3.090	0.70	66.4	S0409	.07190	9.7584	4.0	A
9015	22608.04	24 54N	67 7E	93.7	187.1	2.872	-37.80	69.3	S0409	.04090	7.7264	0.6	A
1832 5001	27375.64	61 15N	56 36E	76.7	193.5	1.687	-11.55	44.1	S0312	.04150	9.4239	0.6	F
5002	27378.44	61 13N	56 37E	75.7	193.4	1.687	-13.20	44.1	S0312	.04150	9.6713	0.6	V
5003	27388.84	60 17N	57 19E	79.6	193.1	1.810	-15.40	45.2	S0312	.04150	9.1898	0.4	F
5004	27391.64	60 17N	57 19E	78.2	193.0	1.810	-15.75	45.2	S0312	.04150	9.3745	0.4	V
5005	27432.64	57 44N	55 51E	77.3	192.0	1.810	-12.95	47.5	S0312	.04150	9.3540	1.0	A
5006	27452.64	56 10N	54 17E	74.7	191.6	2.033	-10.15	48.6	S0312	.04150	9.8114	0.6	V

Handle via
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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1832 5007	27455.44	54 17N	54 17E	75.5	191.5	2.033	-9.30	48.6	S0312	.04150	9.6218	0.0	A
5008	27620.44	44 40N	50 20E	74.9	189.0	2.511	-11.20	58.4	S0312	.03150	9.6650	0.0	F
5009	27625.84	44 40N	50 20E	74.7	189.0	2.511	-10.50	58.4	S0312	.03150	9.7125	0.0	A
5010	27680.44	40 20N	49 53E	76.4	188.5	2.733	11.20	61.8	S0312	.03150	9.4981	1.0	F
5011	28275.24	0 20S	42 36E	108.4	186.4	2.385	34.30	63.6	S0312	.02260	6.7051	0.0	V
5012	28279.24	0 20S	42 36E	110.7	186.4	2.170	35.00	63.6	S0312	.02260	6.4640	0.0	A
9001	27264.44	64 0N	65 31E	105.9	197.3	1.332	40.95	38.0	S0409	.05410	6.8605	1.4	F
9002	27274.04	64 0N	65 10E	105.7	197.5	1.113	41.30	37.9	S0409	.05410	6.8193	1.4	A
9003	27398.04	59 42N	56 45E	77.1	192.5	1.810	10.15	45.7	S0409	.07190	9.3920	0.4	F
9004	27403.64	59 42N	56 44E	77.1	192.7	1.810	10.50	45.7	S0409	.07190	9.3920	0.4	A
9005	27424.24	59 4N	56 36E	83.3	193.2	1.810	24.25	47.3	S0409	.07190	8.8148	0.6	V
9006	27427.44	59 4N	56 35E	84.9	193.1	1.810	24.85	47.3	S0409	.07190	8.6004	0.6	A
9007	27442.04	57 0N	54 10E	78.1	191.3	1.311	-26.40	47.8	S0409	.07190	9.3736	0.4	V
9008	27444.84	57 0N	54 9E	78.9	191.7	1.811	-20.30	47.9	S0409	.07190	9.1309	0.4	A
9009	27452.44	56 17N	54 17E	74.7	191.6	2.033	-10.15	46.6	S0409	.07190	9.8126	0.6	V
9010	27455.44	56 17N	54 17E	75.4	191.5	2.033	-9.80	48.6	S0409	.07190	9.8229	0.6	A
9011	27504.64	52 34N	52 51E	75.1	190.6	2.170	-10.15	51.9	S0409	.07190	9.6147	0.9	F
9012	27510.04	52 34N	52 51E	74.9	190.5	2.170	-9.45	51.9	S0409	.07190	9.8724	0.6	A
9013	27518.24	51 40N	52 19E	76.5	190.4	2.170	-13.10	52.6	S0409	.07190	9.4333	0.6	F
9014	27523.64	51 40N	52 19E	76.2	190.3	2.170	-13.40	52.6	S0409	.07190	9.5107	0.6	A
9015	27620.44	44 40N	50 20E	74.9	189.0	2.511	-11.20	58.4	S0409	.07190	9.6642	0.6	F
9016	27625.84	44 40N	50 20E	74.7	189.0	2.511	-10.50	58.4	S0409	.07190	9.7136	0.6	A
9017	27681.84	40 22N	49 51E	76.4	188.4	2.733	11.20	61.9	S0409	.07190	9.4910	0.6	F
9018	27687.24	40 20N	49 51E	76.7	188.4	2.733	11.90	61.9	S0409	.07190	9.4333	1.0	A
9019	27866.64	31 47N	47 56E	79.4	187.5	2.872	15.75	67.6	S0409	.05410	9.1068	12.2	F
9020	27893.64	31 4N	47 54E	81.8	187.5	2.872	19.95	68.0	S0409	.05410	8.8231	8.2	A
9021	28045.44	15 24N	44 11E	78.2	186.7	3.439	-5.60	70.4	S0409	.05410	9.2354	0.4	F
9022	28048.24	15 24N	44 11E	77.8	186.7	3.439	-4.90	70.4	S0409	.05410	9.4415	0.4	V
9023	28052.84	15 4N	44 10E	77.5	186.6	3.439	0.00	70.5	S0409	.05410	9.4353	0.6	V
9024	28222.24	3 30N	42 5E	85.1	186.4	3.574	-5.95	69.3	S0409	.05410	8.4458	1.2	A
9025	28315.84	9 30S	40 13E	100.2	186.4	3.439	-31.85	68.2	S0409	.05410	7.2661	0.6	V
9026	28319.64	9 30S	40 13E	101.3	186.4	3.439	-31.50	68.2	S0409	.05410	7.1878	0.4	A
1833 5001	32583.04	64 0N	34 31E	76.2	197.6	1.332	-4.55	37.8	S0312	.04340	9.6054	0.4	V
5002	32586.84	64 0N	34 30E	77.1	197.2	1.332	-4.55	37.8	S0312	.04340	9.4174	0.6	A
5003	32635.84	61 42N	33 3E	76.9	195.4	1.476	-6.05	40.8	S0312	.04150	9.6553	0.5	V
5004	32639.64	61 42N	33 2E	76.7	195.3	1.476	-7.70	40.8	S0312	.04150	9.4569	0.6	A
5005	32678.44	61 47N	34 20E	77.5	193.6	1.476	-16.80	43.6	S0312	.04150	9.4409	0.6	V
5006	32681.24	61 47N	34 20E	78.3	193.5	1.647	-16.80	43.6	S0312	.04150	9.2573	0.6	A
5007	32694.44	60 44N	33 36E	80.1	193.1	1.476	-23.10	44.5	S0312	.04150	9.1106	0.8	V
5008	32697.44	60 44N	33 35E	81.3	193.0	1.647	-23.45	44.5	S0312	.04150	8.9475	0.6	A
5009	32723.24	58 30N	33 35E	75.1	192.4	1.810	-1.40	46.7	S0312	.04150	9.6533	0.6	F
5010	32726.64	58 30N	33 31E	75.1	192.2	1.810	-1.05	46.7	S0312	.04150	9.6713	0.6	A
5011	32734.24	57 58N	33 3E	74.8	192.1	1.810	-6.30	47.1	S0312	.04150	9.8409	0.4	V
5012	32736.84	57 58N	33 4E	75.1	192.1	1.810	-5.95	47.1	S0312	.04150	9.6636	0.6	A
5013	32741.04	57 34N	32 40E	74.8	192.0	1.811	-10.15	47.5	S0312	.04150	9.7950	0.6	V
5014	32743.04	57 26N	32 38E	74.7	191.9	1.810	-10.15	47.6	S0312	.04150	9.7950	0.4	V
5015	32745.84	57 26N	32 36E	75.4	191.9	2.033	-10.15	47.6	S0312	.04150	9.6156	0.4	A
5016	32767.44	56 30N	31 17E	80.9	191.4	1.647	-24.15	49.1	S0312	.04150	9.9210	0.4	F
5017	32784.84	54 41N	31 59E	74.7	191.1	2.170	2.10	50.1	S0312	.04150	9.7207	0.6	A
5018	32787.84	53 30N	30 12E	85.7	190.3	1.647	-31.15	50.8	S0312	.03150	9.4263	0.4	F
5019	32800.84	53 30N	30 13E	84.4	190.6	1.647	-30.80	50.8	S0312	.03150	9.6319	0.6	V
5020	32807.64	52 49N	30 4E	75.5	190.7	2.033	-12.25	51.6	S0312	.04150	9.5723	0.6	F
5021	32812.84	52 26N	30 5E	74.4	190.5	2.170	-4.55	52.0	S0312	.04150	9.7372	0.4	F
5022	32815.44	52 14N	30 5E	73.5	190.5	2.170	-4.20	52.0	S0312	.04150	9.9581	0.6	V
5023	32819.24	52 14N	30 5E	74.4	190.5	2.170	-5.95	52.1	S0312	.04150	9.7702	0.6	A
5024	32832.64	51 49N	30 4E	73.6	190.3	2.170	-16.10	52.9	S0312	.04150	9.6476	0.4	V
5025	32866.24	48 45N	30 3E	76.9	189.6	2.511	7.70	53.2	S0312	.04150	9.8465	0.4	F
5026	32871.64	48 40N	30 3E	75.4	189.7	2.385	8.40	55.3	S0312	.04150	9.8218	0.4	A
5027	32881.24	47 47N	29 13E	74.4	189.6	2.385	-6.60	55.9	S0312	.04150	9.7240	0.6	F
5028	32886.64	47 47N	29 13E	74.3	189.5	2.511	-7.70	55.9	S0312	.04150	9.7785	0.6	A
5029	32891.44	47 0N	28 53E	75.1	189.5	2.386	-12.25	56.4	S0312	.04150	9.6583	0.6	F
5030	32897.04	47 0N	28 53E	74.9	189.4	2.565	-11.55	56.4	S0312	.04150	9.6980	0.6	A
5031	32916.64	45 26N	29 16E	77.0	189.2	2.385	15.40	58.0	S0312	.04150	9.5311	0.6	V
5032	32929.84	44 24N	28 46E	75.3	189.0	2.511	7.70	58.8	S0312	.03150	9.6465	0.4	F
5033	32932.44	44 20N	28 46E	74.5	189.0	2.511	8.05	58.8	S0312	.04150	9.8184	0.4	V
5034	32936.44	44 20N	28 36E	74.7	188.9	2.511	4.90	58.8	S0312	.03150	9.7207	1.4	A
5035	32948.64	43 17N	27 54E	73.5	188.8	2.511	-9.10	59.5	S0312	.04150	9.6763	0.6	V
5036	32963.64	43 1N	27 44E	74.3	188.6	2.511	-12.25	59.6	S0312	.03150	9.6692	0.6	V
5037	32966.44	43 1N	27 43E	75.1	188.7	2.733	-12.25	59.6	S0312	.03150	9.6743	0.6	A
5038	32981.84	42 47N	27 42E	73.6	188.7	2.733	-8.40	60.1	S0312	.04150	9.9601	0.6	V
5039	32984.64	42 46N	27 42E	74.4	188.7	2.733	-8.05	60.1	S0312	.04150	9.7520	0.4	A
5040	32974.24	41 42N	26 35E	87.7	188.6	2.170	-35.35	60.3	S0312	.03150	8.3506	0.6	V
5041	32977.44	41 42N	26 35E	90.2	188.5	2.385	-35.20	60.3	S0312	.03150	8.2449	0.6	A
9001	32626.84	65 42N	37 2E	75.9	196.4	1.475	-8.05	40.5	S0409	.09670	9.6594	0.6	V
9002	32633.64	65 41N	37 3E	76.7	196.3	1.475	-7.70	40.5	S0409	.07190	9.4686	0.6	A
9003	32723.24	58 30N	33 31E	75.1	192.4	1.810	-1.40	46.7	S0409	.07190	9.6554	0.6	F
9004	32728.64	58 30N	33 31E	75.4	192.2	1.810	-1.05	46.7	S0409	.07190	9.6724	0.6	A
9005	32750.84	56 40N	32 20E	74.6	191.7	1.810	-10.15	48.3	S0409	.07190	9.5692	0.8	F
9006	32756.24	56 40N	32 19E	75.4	191.6	2.033	-10.15	48.3	S0409	.07190	9.6147	0.8	A
9007	32776.84	54 24N	32 3E	74.7	191.2	2.170	1.75	50.0	S0409	.07190	9.6889	0.6	F
9008	32782.24	54 24N	32 3E	74.7	191.1	2.170	2.10	50.0	S0409	.07190	9.7054	0.6	A
9009	32815.44	52 26N	30 5E	73.5	190.5	2.170	-4.20	52.0	S0409	.07190	9.9593	0.4	V
9010	32818.24	52 26N	30 5E	74.3	190.5	2.170	-3.85	52.0	S0409	.07190	9.7849	0.4	A
9011	32829.84	51 49N	30 4E	76.7	190.3	2.170	-16.45	52.9	S0409	.07190	9.4169	0.4	F

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1833 9012	32832.44	51 19N	30 4E	75.6	190.3	2.170	-16.10	52.9	S0409	.07190	9.6889	0.6	V
9013	32839.44	50 36N	30 12E	74.4	190.2	2.385	-15.30	53.5	S0409	.07190	9.7301	0.6	F
9014	32844.64	50 36N	30 12E	74.2	190.1	2.385	-5.60	53.5	S0409	.07190	9.7551	1.0	A
9015	32850.64	49 51N	30 0E	74.2	190.0	2.385	-4.55	54.2	S0409	.07190	9.7549	0.4	F
9016	32853.24	49 52N	30 0E	73.3	190.0	2.385	-4.20	54.2	S0409	.07190	10.0023	0.4	V
9017	32856.04	49 51N	30 0E	74.1	189.9	2.385	-3.85	54.2	S0409	.07190	9.7479	0.4	A
9018	32881.24	47 47N	29 13E	74.4	189.0	2.385	-8.40	55.9	S0409	.07190	9.7301	0.6	F
9019	32886.44	47 47N	29 13E	74.3	185.0	2.511	-7.70	55.9	S0409	.07190	9.7796	0.4	A
9020	32891.64	47 0N	28 53E	75.1	189.3	2.385	-12.25	56.4	S0409	.07190	9.6394	1.6	F
9021	32897.04	47 0N	28 53E	74.9	189.4	2.385	-11.55	56.4	S0409	.07190	9.6972	1.6	A
9022	32906.44	45 50N	29 24E	77.3	189.5	2.511	14.00	57.6	S0409	.07190	9.3920	0.4	F
9023	32911.44	45 50N	29 24E	77.5	189.2	2.385	14.70	57.6	S0409	.07190	9.3343	1.0	A
9024	32923.44	45 15N	28 48E	74.4	189.1	2.511	3.50	58.1	S0409	.09670	9.7301	1.0	A
9025	32940.84	43 50N	28 33E	74.4	188.9	2.511	7.70	59.2	S0409	.09670	9.8521	0.4	V
9026	32943.64	43 50N	28 33E	75.3	188.9	2.511	8.05	59.2	S0409	.09670	9.6147	0.4	A
9027	33113.24	31 49N	25 35E	76.2	187.0	3.090	6.65	67.4	S0409	.07190	9.5157	0.8	F
9028	33119.24	31 47N	25 30E	75.8	187.5	3.090	4.55	67.4	S0409	.07190	9.5405	0.8	A
9029	33440.84	9 07N	21 44E	91.0	186.5	2.872	22.75	69.2	S0409	.05410	7.8748	1.0	A
1834 5001	38013.40	59 41N	12 36E	76.7	192.6	1.810	12.25	45.7	S0312	.04150	9.5558	0.6	V
5002	38020.24	59 0N	11 24E	75.8	192.5	1.810	-9.10	46.1	S0312	.05390	9.5394	0.6	F
5003	38035.64	58 22N	11 56E	77.5	192.2	1.810	12.60	46.9	S0312	.05390	9.5588	0.6	A
5004	38106.24	53 35N	9 59E	78.6	190.3	2.033	16.45	51.2	S0312	.04150	9.2260	0.6	A
5005	38136.64	51 47N	7 47E	76.0	190.6	2.170	-17.50	52.7	S0312	.04150	9.6533	0.6	V
5006	38139.44	51 47N	7 57E	76.9	190.2	2.170	-17.50	52.7	S0312	.04150	9.4457	0.6	A
5007	38143.24	49 39N	7 11E	78.0	189.9	2.170	-22.40	54.2	S0312	.04150	9.3309	0.6	V
5008	38146.24	49 39N	7 11E	78.7	189.9	2.170	-22.05	54.2	S0312	.03150	9.2260	0.6	A
5009	38240.64	44 10N	5 31E	80.0	189.0	2.170	-25.20	58.6	S0312	.03150	9.0199	2.2	F
5010	38246.44	44 10N	5 30E	79.7	188.9	2.385	-24.85	58.6	S0312	.04150	9.1271	2.2	A
9001	38065.84	56 15N	18 14E	74.0	191.6	2.033	-4.90	48.7	S0409	.07190	9.9033	1.6	V
9002	38255.24	43 0N	5 57E	74.1	188.6	2.733	-2.45	59.7	S0409	.04090	9.7796	0.6	F
9003	38260.64	43 0N	5 58E	74.0	188.6	2.733	-1.40	59.7	S0409	.04090	9.7970	0.6	A
9004	38349.04	36 44N	3 14E	92.0	188.0	2.170	-37.80	64.7	S0409	.05090	7.8171	1.2	F
9005	38355.64	36 44N	3 13E	91.3	188.0	2.385	-37.45	64.7	S0409	.03090	7.9655	1.2	A
9006	38728.24	10 0N	1 6W	83.2	186.5	3.439	-15.40	68.9	S0409	.05410	8.6745	1.0	A
9007	38739.24	6 40N	1 35W	83.4	186.5	3.574	-5.60	67.1	S0409	.04090	8.6252	1.0	A
9008	38809.64	4 50N	1 46W	84.3	186.4	3.439	-1.05	66.2	S0409	.04090	8.5592	1.0	F
1837 5001	54529.63	19 42N	64 58W	89.3	186.3	2.733	26.95	71.6	S0312	.03150	8.1707	0.6	V
9001	54639.83	10 30N	66 56W	82.8	186.5	3.439	4.55	69.2	S0409	.07190	8.8066	1.0	F
9002	54645.83	10 30N	66 56W	82.5	186.5	3.211	5.95	69.2	S0409	.07190	8.7876	1.0	A
183A 5001	59793.02	20 57N	86 51W	82.6	186.9	3.090	17.15	71.2	S0312	.03150	8.7391	0.6	F
5002	59799.02	20 30N	86 50W	83.5	186.9	2.872	14.55	71.3	S0312	.03150	8.6489	0.6	A
5003	59867.62	13 51N	89 22W	89.3	186.6	3.090	-30.45	69.4	S0312	.03150	8.0838	1.4	F
5004	59901.62	13 40N	89 22W	88.5	186.6	3.090	-29.75	69.5	S0312	.03150	8.2561	0.6	V
5005	59905.82	13 40N	89 14W	85.7	186.6	3.439	-24.50	69.6	S0312	.03150	8.4510	0.4	A
5006	59908.82	13 31N	89 19W	87.1	186.6	3.439	-24.90	69.5	S0312	.03150	8.3273	0.6	A
9001	59804.62	20 30N	86 56W	83.2	186.3	2.872	17.85	71.3	S0409	.05410	8.6582	0.4	A
9002	59833.82	18 50N	88 26W	85.1	186.3	3.090	-25.90	70.3	S0409	.05410	8.4585	1.2	F
1840 9001	71019.62	21 44S	138 53W	102.6	186.9	3.211	4.90	45.4	S0409	.05410	9.9760	1.2	F
9002	71023.42	21 44S	138 53W	101.8	186.9	3.211	5.25	45.4	S0409	.05410	7.0914	1.0	V
9003	71027.22	21 45S	138 53W	103.4	186.9	3.211	5.95	45.4	S0409	.05410	9.8538	1.0	A
1842 5001	81959.21	43 35S	172 44E	128.7	188.8	2.033	17.85	25.5	S0312	.04150	9.5523	0.6	V
1843 5001	85681.01	64 45N	177 44E	86.4	195.2	1.475	25.55	40.9	S0312	.03150	9.4575	0.6	V
5002	85684.01	64 40N	177 45E	87.7	195.1	1.475	27.30	40.9	S0312	.03150	9.2301	0.6	A
9001	85677.21	64 49N	177 36E	85.1	195.4	1.687	23.80	40.8	S0409	.05410	9.5097	0.6	F
1844 5001	4647.61	59 35N	150 56E	75.3	192.8	1.810	-1.05	45.5	S0312	.03150	9.6135	0.6	F
5002	4671.61	59 04N	150 48E	74.4	192.7	1.810	-3.15	45.5	S0312	.05390	9.8444	0.6	V
5003	4674.41	59 35N	150 48E	75.3	192.6	1.810	-2.80	45.5	S0312	.05390	9.6363	0.6	A
5004	4911.61	43 20N	145 37E	79.9	188.8	2.385	19.60	59.6	S0312	.03150	9.0776	0.6	A
9001	4900.41	43 35N	145 38E	76.5	188.9	2.511	14.70	59.1	S0409	.09670	9.5908	0.4	V
9002	4903.21	43 35N	145 38E	77.5	188.9	2.511	15.05	59.1	S0409	.07190	9.3343	0.4	A
1845 5001	10159.80	47 20N	124 5E	73.1	189.5	2.385	8.35	56.1	S0312	.04150	10.0259	0.6	V
5002	10162.60	47 20N	124 5E	74.0	189.5	2.385	8.70	56.1	S0312	.04150	9.8032	0.6	A
5003	10182.20	46 0N	122 32E	84.9	189.2	2.033	-32.55	56.9	S0312	.04150	8.6324	0.6	V
5004	10185.20	46 1N	122 32E	85.6	188.2	2.033	-32.20	56.9	S0312	.03150	8.5005	0.6	A
5005	10213.40	43 30N	122 21E	77.7	188.9	2.385	-28.65	58.9	S0312	.03150	9.2320	0.6	F
5006	10954.20	7 10S	112 45E	91.0	186.5	3.439	-6.75	57.6	S0312	.04150	7.9723	0.8	V
5007	10957.60	7 11S	112 45E	92.2	186.5	3.439	-6.05	57.7	S0312	.04150	7.7332	0.6	A

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IPS/SEC	BURST TIME SEC	MIRROR
1845 9001	10159.80	47 25N	124 5E	73.1	189.5	2.385	0.35	56.1	S0409	.07190	10.0270	0.6	V
9002	10162.60	47 24N	124 5E	74.0	189.5	2.385	0.70	56.1	S0409	.07190	9.8043	0.4	A
9003	10219.80	43 35N	122 13E	79.3	188.8	2.511	-23.80	58.9	S0409	.05410	9.1529	0.8	A
9004	10231.00	42 29N	122 3E	77.5	188.7	2.511	-19.95	59.8	S0409	.05410	9.3178	0.6	F
9005	10237.20	42 16N	122 32E	73.9	188.7	2.733	-2.80	60.1	S0409	.07190	9.8126	0.6	A
9006	10255.60	40 45N	120 60E	90.8	188.5	2.033	-37.10	60.8	S0409	.07190	7.9625	0.4	F
9007	10258.80	41 46N	120 60E	89.3	188.5	2.033	-36.75	60.8	S0409	.07190	8.1364	1.0	V
9008	10270.00	39 42N	121 47E	74.2	188.4	2.733	-6.30	62.0	S0409	.05410	9.7049	0.4	F
9009	10275.20	39 42N	121 47E	74.1	188.3	2.872	-5.60	62.0	S0409	.05410	9.7796	1.0	A
9010	10283.40	38 57N	121 39E	73.2	188.2	2.872	-3.85	62.6	S0409	.03670	10.0105	0.4	V
9011	10286.20	38 57N	121 39E	74.1	188.2	2.872	-3.50	62.6	S0409	.05670	9.7796	0.4	A
9012	10301.80	37 43N	121 7E	74.2	188.1	2.733	-12.25	64.3	S0409	.07190	9.8705	0.4	V
9013	10304.60	37 43N	121 7E	74.9	188.1	2.733	-11.55	63.3	S0409	.07190	9.6724	0.4	A
9014	10308.80	37 4N	120 48E	77.0	188.1	2.733	-10.20	63.7	S0409	.07190	9.7656	0.6	F
9015	10311.60	37 4N	120 48E	76.0	188.0	2.733	-17.85	63.7	S0409	.07190	9.6477	0.6	V
9016	10325.20	36 6N	120 35E	76.1	187.9	2.733	-17.85	64.3	S0409	.07190	9.6512	0.6	V
9017	10328.00	36 7N	120 35E	76.8	187.9	2.733	-17.50	64.3	S0409	.07190	9.8415	0.6	A
9018	10344.60	31 06N	120 18E	74.1	187.6	3.090	5.60	67.2	S0409	.07190	9.7479	0.6	V
9019	10347.40	31 06N	120 18E	75.3	187.5	3.090	6.95	67.2	S0409	.07190	9.9405	0.6	A
9020	10361.40	31 00N	120 15E	75.6	187.5	3.090	8.05	67.5	S0409	.07190	9.7354	0.4	V
9021	10364.20	31 00N	120 15E	76.5	187.5	2.872	8.75	67.5	S0409	.07190	9.9498	0.4	A
9022	10402.00	30 46N	120 2E	75.0	187.2	3.090	5.60	67.8	S0409	.07190	9.7601	0.6	V
9023	10404.80	30 46N	120 2E	76.0	187.5	3.090	6.95	67.8	S0409	.07190	9.5157	0.6	A
9024	10477.60	25 33N	119 9E	78.0	187.1	3.090	12.95	70.1	S0409	.05410	9.5454	0.6	V
9025	10480.60	25 32N	119 9E	79.1	187.1	3.090	13.30	70.2	S0409	.05410	9.1199	0.6	A
9026	10883.00	2 49S	112 56E	99.5	186.4	3.211	-30.10	66.8	S0408	.04090	7.1904	0.6	F
9027	10964.60	7 40S	113 13E	95.9	186.5	3.211	12.60	57.6	S0409	.05410	7.4577	0.4	A
1846 9001	15388.00	52 30N	104 44E	82.2	190.7	2.033	24.50	51.7	S0312	.03150	9.9210	0.4	V
9002	15532.40	43 0N	101 20E	78.9	188.8	2.385	21.00	54.6	S0312	.03150	9.2520	0.4	V
9003	15535.20	43 0N	101 20E	80.1	188.8	2.385	21.35	54.6	S0312	.03150	9.0468	0.6	A
9004	15586.20	39 0N	100 21E	81.2	188.3	2.733	22.40	62.3	S0312	.02260	9.9940	0.6	F
9005	15591.00	38 57N	100 20E	84.5	188.3	2.511	24.00	63.0	S0312	.02260	9.6901	0.6	V
9006	15594.20	38 57N	100 27E	84.6	188.2	2.511	24.00	63.0	S0312	.02260	9.5582	0.6	A
9007	15595.40	38 56N	100 24E	84.6	188.2	2.511	24.95	63.0	S0312	.02260	9.5584	0.4	A
9008	15601.80	38 56N	100 15E	82.6	188.2	2.511	24.60	63.5	S0312	.03150	9.4352	0.6	V
9009	15604.80	38 56N	100 15E	83.9	188.2	2.511	24.95	63.5	S0312	.03150	9.6524	0.6	A
9010	15704.00	31 9N	97 17E	77.1	187.5	2.872	-22.40	67.1	S0312	.03150	9.4562	0.4	F
9011	15715.20	30 59N	97 8E	74.9	187.4	2.872	-23.45	67.4	S0312	.02260	9.5229	0.6	V
9001	15375.40	53 40N	104 7E	73.1	190.9	2.170	-0.70	50.7	S0409	.07190	10.0270	0.4	V
9002	15378.00	53 40N	104 8E	73.9	190.9	2.170	-0.35	50.7	S0409	.07190	9.8043	0.4	A
9003	15394.00	52 30N	103 54E	74.2	190.6	2.170	6.65	51.8	S0409	.07190	9.8468	1.0	V
9004	15551.60	41 44N	100 28E	73.1	188.6	2.733	3.85	60.6	S0409	.05410	10.0270	0.4	V
9005	15556.00	41 44N	100 34E	75.7	188.6	2.733	11.55	61.1	S0409	.07190	9.5317	3.2	F
9006	15562.60	41 2N	100 33E	76.0	188.5	2.511	12.60	61.2	S0409	.07190	9.5240	2.2	A
9007	15570.20	40 59N	99 55E	72.5	188.4	2.733	-3.50	61.4	S0409	.07190	10.1095	0.4	V
9008	15573.00	40 59N	99 55E	73.3	188.4	2.733	-3.15	61.5	S0409	.07190	9.8786	0.4	A
1847 9001	20618.40	53 21N	82 54E	80.3	192.2	1.687	-24.15	46.4	S0312	.03150	9.1139	0.4	V
9002	20621.40	53 21N	82 53E	81.2	192.1	1.687	-24.15	46.4	S0312	.03150	8.9457	0.4	A
9003	20688.00	52 30N	82 42E	86.7	190.9	2.170	28.35	52.0	S0312	.03150	8.4765	0.6	F
9004	20701.00	52 30N	82 43E	86.0	190.9	2.170	28.70	52.0	S0312	.03150	9.5252	0.6	V
9005	20712.80	51 43N	81 12E	74.1	190.8	2.170	-1.75	52.4	S0312	.04150	9.7702	0.4	F
9006	20717.20	51 43N	81 13E	74.2	190.8	2.170	-1.05	52.4	S0312	.04150	9.7950	0.6	A
9007	20760.20	49 14N	80 54E	76.3	189.8	2.385	14.35	54.7	S0312	.04150	9.6136	0.4	V
9008	20762.40	49 9N	80 51E	76.2	189.8	2.385	14.35	54.8	S0312	.04150	9.6218	0.6	V
9009	20765.40	49 4N	80 51E	77.3	189.8	2.170	15.05	54.8	S0312	.04150	9.5427	0.4	A
9010	20769.40	48 47N	80 52E	78.7	189.7	2.170	15.20	55.1	S0312	.03150	9.2178	0.6	A
9011	20823.00	44 24N	77 58E	82.4	189.0	2.170	-30.10	58.1	S0312	.03150	9.8798	0.6	V
9012	20826.00	44 24N	77 58E	83.3	188.9	2.385	-30.10	58.1	S0312	.04150	9.7496	0.6	A
9013	20845.40	42 36N	78 17E	73.1	188.7	2.733	-6.65	59.8	S0312	.04150	9.9104	0.6	F
9014	20848.20	42 36N	78 17E	72.2	188.7	2.733	-6.30	59.8	S0312	.04150	10.1495	0.4	V
9015	21022.60	30 47N	75 37E	75.1	187.4	3.090	-1.05	67.7	S0312	.03150	9.6548	0.6	A
9001	20657.20	55 22N	83 6E	76.6	191.4	2.033	10.45	49.3	S0409	.07190	9.6560	0.4	F
9002	20666.20	55 0N	83 9E	76.7	191.2	2.033	11.55	49.5	S0409	.07190	9.4415	0.6	A
9003	20694.80	53 40N	81 19E	76.8	190.9	2.033	-10.90	50.5	S0409	.05410	9.3822	0.6	V
9004	20714.60	51 43N	81 12E	73.3	190.4	2.170	-1.20	52.4	S0409	.07190	10.0043	0.4	V
9005	20717.20	51 43N	81 12E	74.1	190.4	2.170	-1.05	52.4	S0409	.07190	9.7461	0.6	A
9006	20730.40	50 54N	79 13E	95.6	190.1	1.475	-40.25	53.0	S0408	.04090	7.5202	0.6	F
9007	20737.20	50 54N	79 12E	95.2	190.0	1.687	-40.25	53.0	S0408	.04090	7.6357	0.6	A
9008	20765.60	47 52N	80 31E	77.3	189.3	2.385	14.70	55.7	S0408	.07190	9.3336	1.0	F
9009	20769.80	47 50N	80 28E	75.8	189.3	2.385	13.65	55.8	S0408	.05410	9.6724	0.6	V
9010	20772.60	47 50N	80 26E	76.8	189.3	2.385	14.00	55.9	S0408	.05410	9.4168	0.6	A
9011	20809.00	45 8N	78 29E	78.1	189.1	2.385	-21.70	57.7	S0408	.05410	9.2519	0.6	F
9012	20811.80	45 8N	78 29E	77.0	189.1	2.385	-21.35	57.7	S0408	.05410	9.5240	0.6	V
9013	20814.60	45 8N	78 29E	77.7	189.1	2.385	-21.00	57.7	S0408	.05410	9.3508	0.6	A
9014	20944.60	32 37N	75 6E	89.1	187.7	2.385	-35.35	65.8	S0408	.04090	8.0809	0.8	F
9015	20949.80	32 37N	75 6E	87.7	187.6	2.385	-35.00	65.8	S0408	.04090	8.3551	0.8	V
9016	20998.60	32 16N	75 37E	75.2	187.2	2.872	-13.65	66.6	S0408	.05410	9.7344	0.4	V
9017	21001.20	32 17N	75 37E	76.0	187.2	3.090	-13.65	66.6	S0408	.05410	9.5405	0.6	A
9018	21009.20	31 20N	75 38E	75.1	187.2	3.090	-6.30	67.3	S0408	.05410	9.6534	1.0	F
9019	21014.60	31 20N	75 38E	75.0	187.2	3.090	-4.90	67.3	S0408	.05410	9.6559	1.0	A
9020	21171.40	20 6N	73 52E	80.7	186.0	3.211	12.95	71.2	S0408	.05410	8.9862	0.6	F
9021	21177.20	20 6N	73 52E	81.0	186.0	3.090	13.65	71.2	S0408	.05410	8.8490	0.6	A

Handle via
BYEMAN Channels
BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1847 9022	21189.60	18 56N	72 56E	80.2	186.8	3.211	-16.10	70.5	S0409	.05410	8.9962	1.0	F
9023	21195.40	18 56N	72 56E	80.1	186.8	3.439	-15.40	70.6	S0409	.05410	9.0475	1.0	A
1848 5001	25850.99	63 15N	63 27E	80.4	194.5	1.332	-20.65	42.0	S0312	.04150	8.9767	1.0	F
5002	25856.79	63 13N	63 27E	80.1	194.2	1.475	-20.30	42.0	S0312	.04150	9.0611	1.0	A
5003	25925.59	58 11N	60 56E	78.8	192.2	1.687	-19.60	46.6	S0312	.04150	9.1583	0.6	F
5004	25932.40	58 11N	60 57E	77.7	192.2	1.687	-19.25	46.6	S0312	.04150	9.4259	0.6	V
5005	25941.40	57 9N	60 43E	76.4	191.9	1.810	-18.00	47.6	S0312	.04150	9.4487	0.6	F
5006	25944.19	57 9N	60 43E	75.4	191.8	1.810	-18.65	47.6	S0312	.04150	9.7043	0.4	V
5007	25947.19	56 9N	60 39E	75.4	191.7	1.810	-18.65	47.8	S0312	.04150	9.7125	0.4	V
5008	25949.79	56 9N	60 39E	76.2	191.7	2.033	-18.65	47.8	S0312	.04150	9.5394	0.6	A
5009	25969.79	55 8N	60 9E	74.8	191.3	2.033	-8.05	49.4	S0312	.04150	9.6713	0.6	F
5010	25975.19	55 8N	60 9E	74.7	191.2	2.033	-7.35	49.4	S0312	.04150	9.7207	0.6	A
5011	25995.80	53 14N	60 35E	81.6	190.8	2.170	22.05	51.3	S0312	.04150	9.9127	0.6	F
5012	25996.99	53 9N	60 33E	81.6	190.8	2.170	22.05	51.4	S0312	.04150	8.9127	0.4	F
5013	26002.19	53 8N	60 23E	79.3	190.7	2.170	19.95	51.5	S0312	.04150	9.2590	0.6	V
5014	26005.19	52 60N	60 22E	80.2	190.6	2.170	19.95	51.5	S0312	.04150	9.0447	1.0	A
9001	25878.40	61 16N	63 10E	75.6	193.3	1.687	-4.90	43.9	S0409	.07190	9.5570	1.0	F
9002	25883.99	61 17N	63 9E	75.5	193.3	1.687	-4.55	43.9	S0409	.07190	9.5382	0.8	A
9003	25932.79	57 54N	60 33E	80.8	192.1	1.687	-25.20	46.8	S0409	.07190	9.0705	0.6	V
9004	25935.80	57 54N	60 33E	81.4	192.0	1.687	-24.85	46.8	S0409	.07190	8.9158	0.8	A
9005	25946.99	56 53N	60 39E	75.4	191.7	1.810	-18.65	47.8	S0409	.07190	9.7136	0.4	V
9006	25949.79	56 53N	60 38E	76.1	191.7	2.033	-18.65	47.8	S0409	.07190	9.5405	0.4	A
9007	25955.19	56 7N	60 38E	74.8	191.6	2.033	-5.95	48.5	S0409	.07190	9.6724	1.0	F
9008	25960.60	56 7N	60 38E	74.7	191.5	2.033	-5.60	48.5	S0409	.07190	9.7156	1.0	A
9009	25969.79	55 6N	60 9E	74.9	191.3	2.033	-8.05	49.4	S0409	.07190	9.6724	0.6	F
9010	25975.19	55 6N	60 9E	74.7	191.2	2.033	-7.35	49.4	S0409	.07190	9.7219	0.6	A
9011	26030.59	51 4N	59 37E	78.7	190.2	2.170	19.25	53.1	S0409	.07190	9.3176	0.4	V
9012	26033.40	51 5N	59 37E	79.9	190.2	2.170	19.60	53.1	S0409	.07190	9.0705	0.4	A
9013	26063.99	48 53N	58 9E	75.1	189.8	2.385	-1.40	54.8	S0409	.07190	10.6452	4.8	V
9014	26070.99	49 55N	58 7E	73.9	189.7	2.385	-1.05	55.1	S0409	.07190	9.8043	4.8	A
9015	26087.39	47 5N	57 4E	76.7	189.5	2.385	-17.85	56.1	S0409	.07190	9.4168	0.8	F
9016	26092.79	47 4N	57 5E	76.4	189.4	2.385	-17.15	56.1	S0409	.07190	9.4992	0.8	A
1849 5001	30991.39	73 50N	54 47E	83.5	204.2	1.113	19.90	31.9	S0312	.05390	8.6571	1.0	F
5002	30997.39	73 50N	54 49E	83.7	203.9	0.986	19.60	31.9	S0312	.05390	8.6371	1.0	A
5003	31102.59	67 0N	44 14E	77.9	196.6	1.332	-15.05	38.4	S0312	.04150	9.3392	0.6	V
5004	31105.59	67 5N	44 10E	78.6	196.4	1.332	-14.70	38.4	S0312	.04150	9.2260	0.4	A
5005	31141.39	64 43N	41 35E	85.1	195.0	1.113	-27.65	40.9	S0312	.04150	8.4675	0.6	F
5006	31144.39	64 43N	41 35E	84.2	194.9	1.332	-28.00	40.9	S0312	.04150	8.6384	0.6	V
5007	31155.99	63 43N	41 10E	83.0	194.4	1.332	-25.20	41.8	S0312	.04150	8.7086	0.8	F
5008	31166.19	62 54N	40 53E	81.9	194.1	1.332	-25.20	42.3	S0312	.04150	8.9375	0.6	V
5009	31169.19	62 54N	40 52E	82.8	194.0	1.332	-25.20	42.3	S0312	.04150	8.7308	0.8	A
5010	31194.19	61 40N	40 24E	79.4	193.5	1.475	-21.70	43.4	S0312	.04150	9.2096	0.4	V
5011	31197.19	61 40N	40 25E	80.2	193.4	1.475	-21.35	43.4	S0312	.04150	9.0529	0.4	A
5012	31217.59	59 10N	39 9E	80.5	192.6	1.475	-22.75	45.6	S0312	.04150	8.9540	0.8	F
5013	31223.39	59 10N	39 8E	80.4	192.5	1.687	-22.75	45.6	S0312	.04150	9.0564	0.8	A
5014	31234.19	58 9N	38 49E	78.4	192.2	1.687	-18.90	46.7	S0312	.04150	9.2178	0.8	F
5015	31239.79	58 9N	38 50E	78.0	192.1	1.810	-18.20	46.7	S0312	.04150	9.3085	0.8	A
5016	31248.19	57 10N	38 24E	74.3	191.9	2.033	4.20	47.6	S0312	.04150	9.8509	0.6	V
5017	31256.59	56 54N	38 12E	77.8	191.7	1.810	-18.20	48.0	S0312	.04150	9.2838	0.8	F
5018	31261.79	56 11N	38 14E	76.1	191.6	1.810	-18.65	48.4	S0312	.04150	9.4899	1.4	F
5019	31265.39	56 8N	38 13E	75.3	191.5	1.810	-18.30	48.5	S0312	.04150	9.7290	1.0	V
5020	31268.99	55 42N	38 6E	75.7	191.4	2.033	-18.25	48.8	S0312	.04150	9.5476	1.0	F
5021	31272.99	55 36N	38 9E	74.5	191.4	2.033	-9.80	49.0	S0312	.04150	9.8509	0.4	V
5022	31275.99	55 30N	38 8E	75.1	191.3	2.033	-9.45	49.0	S0312	.04150	9.6713	0.4	A
5023	31279.79	54 56N	38 5E	74.5	191.2	2.033	-4.90	49.6	S0312	.04150	9.7207	0.8	F
5024	31285.19	54 56N	38 6E	74.4	191.1	2.033	-4.20	49.6	S0312	.04150	9.7537	0.6	A
5025	31290.19	54 50N	37 37E	75.1	191.0	2.033	-10.15	50.1	S0312	.04150	9.6343	1.0	F
5026	31295.59	54 15N	37 37E	74.9	190.9	2.033	-9.45	50.1	S0312	.04150	9.6390	1.0	A
5027	31304.19	53 54N	36 38E	83.5	190.8	1.810	-30.10	50.5	S0312	.03150	8.7643	0.6	V
5028	31307.19	53 54N	36 31E	84.2	190.7	1.810	-29.75	50.5	S0312	.03150	8.6524	0.6	A
5029	31312.79	53 0N	36 4E	88.0	190.6	1.687	-35.00	51.0	S0312	.03150	8.3109	0.6	V
5030	31315.99	53 0N	36 3E	89.1	190.6	1.687	-35.30	51.0	S0312	.03150	8.1624	0.6	A
5031	31351.39	50 4S	33 19E	74.1	190.0	2.385	-4.25	53.8	S0312	.04150	9.7745	0.4	F
5032	31353.99	50 4N	33 19E	73.2	190.0	2.385	-4.90	53.8	S0312	.04150	10.0176	0.4	V
5033	31354.99	49 60N	33 17E	73.2	190.0	2.385	-4.90	53.8	S0312	.04150	10.0193	0.6	V
5034	31357.79	49 59N	33 17E	74.1	189.9	2.385	-4.55	53.9	S0312	.04150	9.8152	1.6	A
5035	31365.79	49 47N	33 46E	74.5	189.8	2.385	-13.65	54.3	S0312	.04150	9.8362	0.6	V
5036	31372.79	49 36N	33 50E	74.1	189.7	2.385	-5.25	55.0	S0312	.04150	9.7620	0.4	F
5037	31378.19	49 36N	33 49E	74.8	189.7	2.385	-4.95	55.0	S0312	.04150	9.7356	0.8	A
5038	31383.99	47 52N	33 16E	75.9	189.6	2.385	-15.40	55.5	S0312	.04150	9.5811	0.6	F
5039	31389.39	47 52N	33 16E	75.7	189.5	2.385	-14.70	55.5	S0312	.04150	9.5971	0.6	A
5040	31396.59	47 10N	33 43E	74.5	189.4	2.511	4.55	56.2	S0312	.04150	9.7372	0.6	A
5041	31414.99	45 44N	33 49E	74.5	189.2	2.511	-9.80	57.3	S0312	.04150	9.7125	14.4	F
5042	31432.79	44 59N	34 36E	74.4	189.0	2.511	-9.10	58.0	S0312	.04150	9.7537	2.4	A
5043	31641.59	30 0N	31 16E	75.3	187.4	3.090	-1.75	67.9	S0312	.03150	9.6218	1.8	F
5044	31646.99	30 0N	31 16E	75.4	187.4	3.090	-0.70	68.0	S0312	.03150	9.6053	1.8	A
5045	31654.59	29 59N	31 2E	75.4	187.4	3.090	-3.50	68.3	S0312	.02260	9.5808	0.8	F
5046	31659.99	29 59N	31 2E	75.5	187.3	3.090	-2.80	68.4	S0312	.02260	9.5306	0.8	A
5047	32482.99	27 42S	21 25E	115.3	187.2	2.733	14.90	40.4	S0312	.03150	6.1919	0.8	F
5048	32487.39	27 40S	21 26E	114.7	187.2	2.511	19.60	40.4	S0312	.03150	6.2743	0.6	V
5049	32491.59	27 40S	21 26E	116.8	187.3	2.511	19.95	40.4	S0312	.03150	6.0680	0.6	A
5050	32564.19	32 29S	18 1E	135.2	187.6	2.872	-36.40	34.6	S0312	.03150	5.2272	0.8	F
5051	32569.19	32 30S	17 55E	136.4	187.7	2.872	-37.80	34.5	S0312	.03150	5.2520	1.2	V

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLIT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1849 5052	32543.19	34 3S	18 48E	114.1	187.7	3.090	-14.35	34.0	S0312	.03150	6.2826	0.8	V
5053	32547.59	34 3S	18 47E	115.7	187.8	3.090	-14.00	34.0	S0312	.03150	6.1259	0.6	A
9001	31209.79	54 10N	37 37E	75.1	191.0	2.033	-10.15	50.1	S0409	.07190	9.6394	0.8	F
9002	31295.19	54 10N	37 37E	74.9	190.9	2.033	-9.45	50.1	S0409	.07190	9.6972	0.8	A
9003	31326.99	51 40N	36 16E	78.8	190.4	2.033	-21.70	52.2	S0409	.07190	9.1612	1.0	F
9004	31332.79	51 40N	36 17E	78.3	190.5	2.170	-21.00	52.2	S0409	.07190	9.2501	0.8	A
9005	31372.79	48 50N	35 49E	74.1	189.7	2.385	-5.25	55.0	S0409	.07190	9.7451	0.8	F
9006	31377.99	48 50N	35 50E	74.0	189.7	2.385	-4.55	55.0	S0409	.07190	9.7961	1.0	A
9007	31698.79	31 40S	30 40E	84.8	187.5	2.733	-30.10	66.9	S0409	.04090	8.9432	0.8	F
9008	31731.79	31 50S	30 43E	83.5	187.5	2.733	-29.75	66.9	S0409	.04090	8.7371	1.0	V
9009	31654.39	29 10N	31 2E	75.5	187.4	3.090	-3.50	68.3	S0409	.04090	9.5900	1.0	F
9010	31659.99	29 10N	31 2E	75.5	187.5	3.090	-2.80	68.4	S0409	.04090	9.6417	0.8	A
9011	32075.19	8 30S	25 20E	89.5	186.4	3.439	-19.95	63.2	S0409	.05410	8.1504	1.2	V
9012	32578.99	34 3S	18 47E	115.4	187.7	3.090	-15.05	54.0	S0409	.05410	6.1451	0.6	F
9013	32543.19	34 3S	18 48E	114.1	187.7	3.090	-14.55	54.0	S0409	.05410	6.2453	0.8	V
1850 5001	36438.19	69 10N	21 39E	76.1	195.5	1.475	0.00	40.2	S0312	.03150	9.5511	0.8	A
5002	36608.99	53 20N	14 36E	81.0	190.4	1.810	-25.26	50.7	S0412	.04150	8.7045	0.6	F
5003	36611.79	53 20N	14 36E	79.9	190.5	1.810	-24.85	50.7	S0312	.04150	9.1401	0.6	A
5004	36625.19	52 20N	15 20E	73.7	190.5	2.033	-4.20	51.8	S0312	.04150	9.3434	0.8	F
5005	36627.79	52 27N	15 20E	74.6	190.6	2.033	-4.55	51.8	S0312	.04150	9.3207	0.6	A
5006	36634.19	51 54N	15 37E	80.1	190.4	2.033	19.95	52.7	S0312	.03150	9.3434	0.4	F
5007	36639.79	51 54N	15 37E	80.5	190.5	2.033	20.65	52.7	S0312	.03150	9.3434	0.6	A
5008	36650.79	50 54N	14 12E	74.6	190.1	2.385	-9.10	53.3	S0312	.04150	9.7343	0.6	F
5009	36653.59	50 55N	14 12E	73.7	190.1	2.385	-9.45	53.3	S0312	.04150	9.7454	0.4	V
5010	36663.19	49 42N	14 4E	73.8	190.0	2.385	-5.25	54.1	S0312	.04150	9.7114	0.6	F
5011	36664.39	49 42N	14 4E	73.8	189.9	2.385	-4.55	54.1	S0312	.04150	9.7444	0.6	A
9001	36596.59	54 14N	15 42E	74.5	191.0	2.033	-4.90	50.2	S0409	.07190	9.7054	0.8	F
9002	36601.99	54 14N	15 42E	74.4	190.9	2.033	-4.20	50.2	S0409	.07190	9.7466	0.8	A
9003	36611.79	53 20N	14 36E	79.9	190.5	1.810	-24.85	50.7	S0409	.09670	9.1412	0.6	F
9004	36614.59	53 20N	14 35E	80.0	190.7	2.033	-25.20	50.7	S0409	.09670	8.9797	0.6	A
9005	36583.59	50 55N	14 12E	73.7	190.1	2.385	-9.45	53.3	S0409	.07190	9.6445	0.4	V
9006	36586.19	50 55N	14 12E	74.5	190.1	2.385	-9.10	53.3	S0409	.07190	9.7484	0.4	F
9007	36663.19	49 42N	14 4E	73.9	190.0	2.385	-5.25	54.1	S0409	.07190	9.7126	0.6	F
9008	36668.39	49 42N	14 4E	73.7	189.9	2.385	-4.55	54.1	S0409	.07190	9.7456	0.6	A
9009	37308.79	5 39N	5 12E	93.6	186.4	2.733	22.75	67.3	S0409	.05410	7.6459	1.0	F
1852 5001	48342.38	23 10S	45 48W	115.6	187.0	3.211	-30.45	45.6	S0312	.03150	6.2245	0.6	V
5002	48346.58	23 10S	45 49W	117.1	187.0	3.439	-30.45	43.6	S0312	.03150	6.1812	0.8	A
9001	48322.98	22 3S	45 2W	103.9	186.9	3.439	-16.80	45.0	S0409	.05410	8.9458	1.0	V
9002	48327.98	22 40S	44 60W	103.8	186.9	3.211	-12.25	44.5	S0409	.05410	8.9683	0.8	F
9003	48331.58	22 39S	44 59W	102.6	187.0	3.211	-11.55	44.5	S0409	.05410	7.0256	0.6	V
9004	48336.38	22 39S	44 60W	104.0	187.0	3.439	-11.55	44.5	S0409	.05410	6.8454	0.6	A
9005	48342.18	23 10S	45 48W	115.6	187.0	3.211	-30.45	43.6	S0409	.05410	6.2256	0.6	V
9006	48346.58	23 10S	45 49W	117.0	187.0	3.439	-30.45	43.6	S0409	.05410	6.1019	0.6	A
1853 5001	53791.08	33 20S	70 43W	141.3	187.7	2.733	-39.00	34.2	S0312	.02260	5.0046	3.0	F
5002	53797.58	33 20S	70 39W	137.0	187.7	2.872	-38.50	34.2	S0312	.03150	5.2190	2.6	V
5003	53802.78	33 20S	70 40W	139.0	187.7	3.090	-38.50	34.2	S0312	.03150	5.1208	2.6	A
9001	53910.18	41 7S	71 25W	119.2	186.5	2.733	-14.35	27.5	S0409	.05410	5.0047	0.4	V
9002	53914.58	41 8S	71 25W	120.8	186.6	2.733	-14.00	27.5	S0409	.05410	5.0550	0.6	A
9003	53978.58	46 42S	72 39W	124.9	189.2	2.733	-14.00	25.5	S0409	.07190	5.6514	1.0	A
1854 9001	58268.98	23 0N	80 34W	77.2	187.0	3.211	2.45	70.5	S0409	.05410	9.3838	0.4	F
9002	58281.18	22 59N	80 40W	77.5	186.9	3.211	3.15	70.6	S0409	.05410	9.3096	0.6	A
1856 5001	68666.57	37 27N	122 2W	74.6	188.1	2.872	-9.80	63.4	S0312	.03150	9.7043	0.8	F
5002	68671.97	37 26N	122 2W	74.6	188.1	2.872	-8.75	63.4	S0312	.03150	9.7372	0.6	A
9001	68666.57	37 26N	122 2W	74.7	188.1	2.872	-9.80	63.4	S0409	.07190	9.7054	0.6	F
9002	68671.97	37 26N	122 2W	74.5	188.1	2.872	-8.75	63.4	S0409	.07190	9.7384	0.6	A
1860 9001	3347.16	47 42N	152 59E	76.7	189.6	2.385	12.95	55.7	S0409	.05410	9.4580	0.4	F
9002	3349.96	47 42N	152 58E	75.9	189.5	2.385	13.30	55.7	S0409	.05410	9.4642	0.4	V
9003	3352.76	47 42N	152 58E	76.9	189.5	2.385	13.65	55.7	S0409	.05410	9.4045	0.4	A
9004	3361.16	47 1N	152 2E	73.5	189.4	2.385	-9.10	56.1	S0409	.09670	9.4775	0.6	V
9005	3363.96	47 0N	152 2E	74.3	189.4	2.385	-8.75	56.1	S0409	.09670	9.7714	0.4	A
9006	4165.56	8 39S	140 25E	99.7	186.5	3.439	-25.20	56.5	S0409	.05410	7.1739	0.6	F
1861 9001	8648.16	46 50N	130 27E	75.4	189.4	2.511	6.75	56.4	S0409	.05410	9.6229	1.0	F
9002	8671.36	46 51N	130 25E	74.4	189.4	2.511	8.40	56.4	S0409	.07190	9.8621	0.6	V
9003	8674.76	46 49N	130 20E	74.7	189.3	2.511	6.30	56.4	S0409	.07190	9.6889	0.6	A
9004	8752.96	40 50N	129 16E	82.0	188.5	2.511	23.80	61.2	S0409	.05410	8.8726	0.4	F
9005	8755.96	40 50N	129 15E	81.0	188.5	2.511	23.80	61.2	S0409	.05410	9.0642	0.4	V
9006	8764.96	40 12N	127 38E	79.8	188.4	2.511	-23.45	61.2	S0409	.07190	9.0952	13.2	F
9007	8784.56	39 20N	127 26E	79.0	188.5	2.733	-23.10	61.8	S0409	.07190	9.1699	5.2	A
9008	8803.96	37 39N	127 5E	78.8	188.1	2.733	-21.70	63.0	S0409	.05410	9.2024	0.4	F

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REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1861 9009	8806.76	37 39N	127 5E	77.4	188.1	2.733	-21.35	63.0	S0409	.0541U	9.4745	0.4	V
9010	8809.56	37 39N	127 6E	78.0	188.1	2.733	-20.65	63.0	S0409	.0541U	9.3096	0.6	A
9011	8812.36	37 16N	127 1E	77.2	188.1	2.733	-21.00	63.3	S0409	.0541U	9.4910	0.4	V
9012	8820.76	36 47N	127 20E	74.2	188.0	2.872	-3.15	64.1	S0409	.0541U	9.7549	1.0	F
9013	8826.16	36 27N	127 20E	74.2	188.0	2.872	-2.45	64.1	S0409	.0541U	9.7631	0.6	A
9014	8831.56	36 9N	127 8E	73.5	187.9	2.872	-5.60	64.4	S0409	.0719U	9.9693	0.8	V
9015	8838.16	35 49N	126 54E	75.2	187.9	2.872	-11.55	64.5	S0409	.0719U	9.6394	1.0	A
9016	9470.76	8 30S	120 30E	132.3	186.5	2.170	44.05	57.9	S0409	.0309U	5.4752	0.6	F
9017	9480.96	8 30S	119 2E	93.2	186.5	3.439	1.75	57.0	S0409	.0541U	7.6686	0.4	A
9018	9495.96	9 0S	120 19E	135.7	186.5	1.810	43.75	57.1	S0409	.0409U	5.2361	1.0	A
9019	9805.76	32 4S	115 44E	131.0	187.6	2.033	29.40	36.9	S0409	.0541U	5.3598	0.6	A
1862 9001	13908.95	51 27N	109 5SE	75.7	190.4	2.385	10.15	52.5	S0409	.0541U	9.5817	1.2	F
9002	13914.55	51 26N	109 55E	75.8	190.3	2.170	11.20	52.5	S0409	.0541U	9.5570	1.0	A
9003	13972.95	47 20N	107 28E	76.9	189.5	2.170	-22.05	55.6	S0409	.0541U	9.5157	0.6	V
9004	13978.75	47 20N	107 28E	77.7	189.4	2.385	-22.05	55.6	S0409	.0541U	9.3508	0.6	A
9005	14089.75	39 17N	106 12E	74.5	188.3	2.733	7.70	62.2	S0409	.0541U	9.8406	0.6	V
9006	14094.15	38 59N	106 14E	77.5	188.2	2.733	15.40	62.9	S0409	.0719U	9.3573	0.6	F
9007	14100.95	38 49N	106 14E	76.7	188.2	2.733	15.75	62.9	S0409	.0719U	9.5570	0.4	V
9008	14104.95	38 41N	106 12E	78.7	188.2	2.733	14.20	63.3	S0409	.0719U	9.2394	0.6	F
9009	14109.55	37 50N	105 57E	74.9	188.1	2.733	11.20	63.3	S0409	.0719U	9.7979	0.6	V
9010	14116.55	37 49N	105 20E	72.9	188.1	2.872	-7.35	63.3	S0409	.0541U	10.0317	0.6	V
9011	14125.55	36 44N	104 46E	81.2	188.0	2.511	-27.65	63.5	S0409	.0541U	8.8726	0.6	F
9012	14131.35	36 44N	104 35E	80.4	188.0	2.733	-26.60	63.5	S0409	.0541U	9.0375	0.6	A
9013	14143.95	35 24N	105 1E	73.1	187.9	2.872	-1.75	64.8	S0409	.0719U	9.9116	0.4	F
9014	14152.35	34 50N	104 9E	81.8	187.8	2.511	-28.00	64.7	S0409	.0541U	8.7305	0.6	F
9015	14160.35	34 40N	104 3E	82.7	187.8	2.733	-29.40	64.7	S0409	.0541U	8.7418	0.4	A
9016	14196.75	31 44N	104 28E	75.9	187.5	3.090	8.40	67.1	S0409	.0719U	9.5570	0.8	F
9017	14202.15	31 40N	104 29E	76.1	187.5	2.872	9.45	67.2	S0409	.0719U	9.4910	1.0	A
9018	14211.55	30 59N	103 36E	76.4	187.5	2.872	-17.85	67.1	S0409	.0719U	9.5735	0.4	V
9019	14214.35	30 55N	103 36E	77.2	187.5	3.090	-17.85	67.1	S0409	.0719U	9.3858	0.4	A
9020	14219.35	30 50N	103 37E	76.3	187.4	3.090	-14.85	67.1	S0409	.0541U	9.4992	0.6	A
9021	14225.75	29 48N	103 29E	76.6	187.4	3.090	-14.80	67.8	S0409	.0541U	9.4256	0.6	F
9122	14228.55	29 46N	103 29E	75.7	187.4	3.090	-13.65	67.8	S0409	.0541U	9.6724	0.6	V
9023	14233.95	29 16N	103 4E	80.9	187.4	2.872	-24.85	67.8	S0409	.0541U	8.9055	0.4	F
9024	14236.95	29 15N	103 4E	79.6	187.3	2.872	-24.15	67.8	S0409	.0541U	9.1859	0.4	V
9025	14239.75	29 14N	103 4E	80.4	187.3	3.090	-24.15	67.8	S0409	.0541U	9.0210	0.4	A
9026	14241.55	25 50N	102 55E	75.0	187.1	3.211	-5.25	69.6	S0409	.0719U	9.6477	0.8	F
9027	14246.95	25 50N	102 55E	75.0	187.1	3.211	-4.20	69.6	S0409	.0719U	9.6477	0.6	A
9028	14251.75	25 14N	102 46E	75.2	187.1	3.211	-6.30	69.7	S0409	.0719U	9.6229	0.6	F
9029	14295.75	24 57N	102 43E	75.3	187.1	3.211	-1.75	69.9	S0409	.0719U	9.6147	0.8	F
9030	14301.15	24 57N	102 48E	75.4	187.1	3.211	-1.05	69.9	S0409	.0719U	9.5900	0.6	A
9031	14307.55	24 0N	102 43E	75.8	187.0	3.211	1.40	70.2	S0409	.0719U	9.5576	0.4	F
9032	14310.35	23 56N	102 42E	76.0	187.0	3.211	1.75	70.3	S0409	.0719U	9.5322	1.0	F
9033	14315.95	23 50N	102 42E	76.2	187.0	3.211	2.80	70.3	S0409	.0541U	9.4928	0.8	A
9034	14325.55	22 50N	102 30E	76.7	187.0	3.211	2.10	70.5	S0409	.0541U	9.4533	4.6	F
9035	14335.75	22 30N	102 18E	76.5	186.9	3.211	-2.80	70.5	S0409	.0541U	9.4533	5.0	A
1863 9001	19145.75	56 7N	90 29E	86.5	191.3	2.033	28.00	48.5	S0409	.0541U	8.4025	0.6	F
9002	19148.95	56 7N	90 28E	85.6	191.3	1.810	26.35	48.5	S0409	.0541U	8.5392	0.6	V
9003	19153.75	55 59N	89 50E	80.1	191.3	2.033	19.25	48.9	S0409	.0719U	9.0522	0.4	F
9004	19157.35	55 53N	89 51E	81.7	191.4	2.033	22.05	49.1	S0409	.0719U	8.8306	2.4	F
9005	19163.15	55 43N	89 52E	82.2	191.5	1.810	24.10	49.1	S0409	.0719U	8.6146	2.0	A
9006	19168.35	55 34N	89 35E	80.2	191.2	2.033	19.95	49.4	S0409	.0719U	9.0210	0.4	A
9007	19330.95	43 59N	80 33E	76.8	188.9	2.511	15.05	58.7	S0409	.0541U	9.4168	0.6	A
9008	19431.95	36 40N	82 53E	74.5	188.0	2.872	-14.80	63.7	S0409	.0719U	9.6372	0.6	F
9009	19437.35	36 40N	82 54E	74.3	188.0	2.872	-13.30	63.7	S0409	.0719U	9.7544	0.6	A
9010	19582.15	26 27N	80 24E	81.4	187.2	2.872	-23.80	69.8	S0409	.0541U	8.8478	0.8	F
9011	19587.95	26 27N	80 23E	81.2	187.1	3.090	-23.45	69.8	S0409	.0541U	8.9303	0.8	A
9012	19661.95	21 8N	79 35E	78.7	186.9	3.211	-16.80	70.4	S0409	.0541U	9.2849	0.6	V
9013	19664.75	21 0N	79 35E	79.6	186.9	3.211	-16.45	70.4	S0409	.0541U	9.0952	0.6	A
9014	19715.15	17 50N	79 35E	83.9	186.7	3.090	-20.35	70.2	S0409	.0541U	8.5037	1.0	V
9015	19718.35	17 50N	79 35E	86.7	186.7	3.090	-21.00	70.2	S0409	.0541U	8.3651	1.0	A
9016	19836.95	8 40N	78 9E	86.8	186.5	3.211	15.05	68.9	S0409	.0541U	8.3366	0.6	F
9017	19839.95	8 47N	78 8E	86.1	186.5	3.211	15.40	68.9	S0409	.0541U	8.4767	0.8	V
1864 9001	24427.75	58 19N	68 15E	75.2	192.2	1.810	3.50	46.4	S0409	.0967U	9.6594	0.6	A
9002	24521.75	51 35N	65 41E	75.5	190.4	2.385	8.25	52.4	S0409	.0719U	9.5992	0.6	F
9003	24524.55	51 32N	65 40E	74.6	190.3	2.170	9.10	52.4	S0409	.0719U	9.8291	0.6	V
9004	24601.55	46 11N	63 6E	76.2	189.3	2.385	-16.45	56.6	S0409	.0719U	9.4828	3.8	F
9005	24608.75	46 4N	63 4E	76.0	189.2	2.385	-16.10	56.7	S0409	.0719U	9.5487	5.4	A
9006	24724.15	37 39N	61 54E	79.7	188.1	2.733	14.55	63.5	S0409	.0541U	9.1117	1.0	F
9007	24729.95	37 39N	61 55E	80.4	188.1	2.511	14.95	63.5	S0409	.0541U	8.9380	0.8	A
1865 9001	29682.15	61 23N	48 5E	77.1	193.6	1.810	10.15	43.6	S0409	.0719U	9.4003	0.8	F
9002	29687.55	61 24N	48 6E	77.1	193.4	1.687	10.85	43.6	S0409	.0719U	9.3358	1.0	A
9003	29761.15	56 11N	44 14E	77.9	191.5	1.810	-16.55	48.1	S0409	.0719U	9.2604	0.6	F
9004	29766.75	56 11N	44 14E	77.5	191.5	1.810	-17.85	48.1	S0409	.0719U	9.3591	0.8	A
9005	29772.35	55 26N	43 50E	79.6	191.4	1.810	-22.40	48.7	S0409	.0719U	9.0540	0.4	F
9006	29775.15	55 26N	43 50E	78.4	191.3	1.810	-22.05	48.7	S0409	.0719U	9.3261	0.4	V
9007	29779.75	54 57N	43 21E	83.8	191.2	1.810	-23.05	49.1	S0409	.0719U	8.5922	1.0	F
9008	29781.35	54 50N	43 10E	83.8	191.2	1.810	-23.05	49.2	S0409	.0719U	8.5922	0.8	F
9009	29785.75	54 57N	43 20E	83.4	191.1	1.810	-24.70	49.1	S0409	.0719U	8.6911	2.4	A
9010	29797.75	54 4N	43 51E	74.6	190.9	2.170	-8.05	50.1	S0409	.0719U	9.7219	0.6	A

Handle via
BYEMAN Channels
BYE-8915/84

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1865 9011	29805.95	53 14N	44 3E	73.9	190.7	2.170	5.25	50.9	S0409	.07190	9.9198	0.3	V
9012	29822.55	51 57N	43 19E	74.1	190.3	2.170	-2.45	51.9	S0409	.07190	9.7714	0.6	F
9013	29838.55	51 40N	43 30E	75.2	190.4	2.385	7.35	52.4	S0409	.07190	9.6394	0.6	F
9014	29851.35	51 29N	43 39E	74.3	190.3	2.170	7.70	52.4	S0409	.07190	9.5703	0.6	V
9015	29840.15	51 12N	42 15E	79.7	190.2	2.033	-23.80	52.4	S0409	.07190	9.1054	1.0	A
9016	29886.55	47 36N	42 14E	75.5	189.5	2.511	9.10	55.8	S0409	.07190	9.6064	1.0	F
9017	29891.95	47 36N	42 14E	75.6	189.5	2.385	9.80	55.8	S0409	.07190	9.5735	1.0	A
9018	29903.15	46 27N	41 32E	73.9	189.3	2.511	-2.45	56.5	S0409	.07190	9.7961	0.6	F
9019	29908.35	46 27N	41 32E	73.9	189.3	2.511	-1.40	56.5	S0409	.07190	9.8126	1.0	A
9020	29918.15	45 20N	40 40E	77.6	189.2	2.385	-20.30	57.1	S0409	.07190	9.3013	1.0	F
9021	29923.75	45 20N	40 40E	77.2	189.1	2.511	-19.60	57.1	S0409	.07190	9.3920	1.0	A
9022	29938.75	44 32N	40 15E	78.9	189.0	2.385	-24.85	57.8	S0409	.07190	9.2849	0.4	V
9023	29937.55	44 33N	40 15E	74.6	189.0	2.385	-24.50	57.8	S0409	.07190	9.1282	0.4	A
9024	29951.55	43 47N	40 34E	73.9	188.9	2.733	-2.45	59.2	S0409	.04090	9.7961	0.6	F
9025	29956.95	43 47N	40 35E	73.9	188.8	2.733	-1.75	59.2	S0409	.04090	9.8043	0.6	A
9026	30077.35	34 33N	37 38E	84.9	187.3	2.511	-31.15	64.8	S0409	.04090	8.4767	1.0	F
9027	30083.35	34 34N	37 38E	84.4	187.3	2.733	-30.80	64.8	S0409	.04090	8.5037	1.0	A
9028	30092.95	33 45N	37 14E	89.7	187.7	2.385	-37.10	65.2	S0409	.03630	8.1551	0.8	V
9029	30096.14	33 45N	37 14E	90.4	187.7	2.385	-36.75	65.2	S0409	.03630	8.0997	1.6	A
9030	30565.94	1 47N	31 44E	89.9	186.4	3.439	-23.10	64.1	S0409	.03630	8.0374	0.8	V
9031	30579.14	0 59N	32 29E	91.1	186.4	3.090	16.48	63.8	S0409	.05410	7.5920	0.1	V
9032	30582.55	0 58N	32 28E	91.9	186.4	3.090	16.10	63.8	S0409	.03090	7.7758	1.2	A
9033	30963.74	25 46S	27 57E	111.2	187.1	2.872	16.10	62.4	S0409	.05410	6.4317	0.6	F
9034	30957.74	25 46S	27 57E	110.4	187.1	2.872	16.45	62.4	S0409	.05410	6.5224	0.6	V
9035	30963.35	26 22S	27 26E	106.4	187.1	3.090	4.90	61.7	S0409	.05410	6.7169	0.6	F
9036	30967.14	26 22S	27 26E	105.5	187.2	3.090	5.25	61.7	S0409	.05410	6.7193	0.6	V
9037	30971.14	26 22S	27 26E	107.1	187.2	3.090	5.60	61.7	S0409	.05410	6.6131	1.6	A
1866 9001	34867.94	69 26N	32 26E	78.3	194.5	1.332	12.95	55.9	S0409	.09670	9.3425	0.4	V
9002	34870.94	69 27N	32 26E	79.3	194.4	1.332	13.40	56.0	S0409	.09670	9.1195	0.4	A
9003	35018.94	59 40N	24 18E	75.0	192.7	1.810	-6.20	45.4	S0409	.07190	9.6594	0.4	F
9004	35021.54	59 41N	24 18E	74.1	192.6	1.810	-5.85	45.4	S0409	.07190	9.7368	0.6	V
9005	35030.94	59 47N	24 29E	77.1	192.4	2.033	11.55	46.3	S0409	.07190	9.3920	0.4	F
9006	35036.34	59 47N	24 30E	77.3	192.3	1.810	12.60	46.3	S0409	.07190	9.3673	1.0	A
9007	35063.74	56 50N	23 15E	74.6	191.9	2.033	-1.40	47.5	S0409	.07190	9.6972	0.4	F
9008	35069.14	56 50N	23 14E	74.5	191.7	2.033	-1.05	47.5	S0409	.07190	9.7219	0.6	A
9009	35068.14	55 50N	23 25E	77.6	191.5	2.033	14.00	48.6	S0409	.07190	9.5426	0.6	F
9010	35070.94	55 50N	23 25E	76.8	191.5	2.033	14.35	48.6	S0409	.07190	9.5487	0.6	V
9011	35073.74	55 50N	23 25E	77.8	191.4	2.033	14.70	48.6	S0409	.07190	9.5313	0.6	A
9012	35082.54	55 49N	22 1E	75.5	191.3	2.033	-11.90	49.1	S0409	.07190	9.5652	0.4	F
9013	35092.34	54 49N	22 29E	95.7	191.1	1.475	-40.95	49.1	S0409	.05410	7.6274	0.6	V
9014	35095.94	54 49N	22 26E	97.0	191.0	1.697	-41.30	49.1	S0409	.05410	7.4372	0.6	A
9015	35105.94	53 50N	22 57E	80.1	190.8	1.810	-23.80	50.4	S0409	.07190	9.0395	0.6	F
9016	35114.74	53 50N	22 59E	81.4	190.7	1.810	-25.90	50.9	S0409	.07190	8.8561	0.6	F
9017	35121.94	53 46N	21 12E	74.4	190.6	2.170	-7.00	51.5	S0409	.07190	9.7219	1.0	F
9018	35127.34	53 46N	21 12E	74.2	190.5	2.170	-6.30	51.5	S0409	.07190	9.7661	1.0	A
9019	35135.14	51 23N	21 13E	74.4	190.3	2.385	3.15	52.4	S0409	.07190	9.7304	0.4	F
9020	35140.54	51 23N	21 13E	74.4	190.3	2.385	3.45	52.4	S0409	.07190	9.7301	0.6	A
9021	35146.14	50 34N	20 41E	73.3	190.2	2.170	-6.65	52.8	S0409	.07190	9.9458	0.6	V
9022	35148.94	50 35N	20 41E	74.1	190.1	2.385	-6.30	52.8	S0409	.07190	9.7796	0.6	A
9023	35154.94	50 33N	20 59E	75.8	190.0	2.385	10.15	53.6	S0409	.07190	9.6652	0.6	F
9024	35160.34	50 37N	21 0E	76.0	190.0	2.385	11.20	53.6	S0409	.07190	9.5157	0.8	A
9025	35169.74	49 37N	20 18E	73.6	189.8	2.385	-0.70	54.4	S0409	.07190	9.8291	0.6	F
9026	35176.94	48 50N	19 39E	75.4	189.7	2.170	-17.15	54.4	S0409	.07190	9.7156	0.6	V
9027	35180.14	48 47N	19 32E	75.9	189.7	2.170	-16.20	54.5	S0409	.07190	9.6477	0.8	V
9028	35187.74	47 50N	20 2E	74.2	189.5	2.511	-3.50	55.4	S0409	.07190	9.7549	0.6	F
9029	35198.54	47 49N	19 60E	79.3	189.5	2.170	-23.45	55.5	S0409	.07190	9.0869	1.0	F
9030	35201.34	47 49N	19 59E	79.0	189.4	2.385	-23.10	55.5	S0409	.07190	9.1055	0.8	A
9031	35209.74	46 56N	19 52E	76.9	189.3	2.385	-20.65	56.2	S0409	.07190	9.5248	0.6	V
9032	35212.54	46 56N	19 52E	77.6	189.3	2.385	-20.30	56.2	S0409	.07190	9.4504	0.6	A
9033	35237.14	44 29N	18 44E	73.9	189.0	2.511	-6.30	58.1	S0409	.07190	9.7479	0.8	F
9034	35242.34	44 30N	18 44E	73.8	189.0	2.511	-5.60	58.1	S0409	.07190	9.8126	1.0	A
9035	35257.74	43 04N	17 42E	81.3	188.9	2.385	-26.95	58.9	S0409	.07190	8.8643	0.6	F
9036	35263.54	43 03N	17 42E	80.8	188.8	2.511	-26.25	58.9	S0409	.07190	8.9797	0.8	A
9037	35458.54	1 57N	9 49E	87.7	186.4	3.439	-17.50	64.4	S0409	.05410	8.2371	1.4	V
9038	35462.54	1 56N	9 47E	89.1	186.4	3.439	-17.85	64.3	S0409	.07190	8.0727	1.0	A
9039	35477.74	0 42N	9 28E	90.9	186.4	3.439	-20.65	63.3	S0409	.05410	7.9913	0.8	F
9040	35480.94	0 40N	9 28E	89.8	186.4	3.439	-20.30	63.3	S0409	.05410	8.0892	1.0	V
9041	35484.34	0 25N	9 28E	90.8	186.4	3.439	-19.95	63.3	S0409	.05410	7.9160	0.8	A
9042	35917.74	1 24S	9 20E	88.9	186.4	3.574	-9.45	61.9	S0409	.05410	8.0644	1.0	A
1867 9001	40465.74	49 40N	1 38W	74.0	190.0	2.385	-1.05	53.8	S0409	.09670	9.7796	0.4	F
9002	40468.34	49 40N	1 37W	73.1	189.9	2.385	-0.70	53.8	S0409	.09670	10.0270	0.4	V
9003	40470.94	49 40N	1 37W	73.9	189.9	2.385	-0.35	53.8	S0409	.09670	9.7961	0.6	A
9004	40680.14	35 10N	6 8W	78.0	187.8	2.733	-22.05	64.5	S0409	.07190	9.3756	0.6	V
9005	41045.14	10 5N	10 46W	81.9	186.5	3.439	-13.65	68.8	S0409	.05410	8.8973	1.0	V
9006	41056.34	9 12N	10 7W	87.2	186.5	3.090	14.55	69.2	S0409	.05410	8.3448	1.0	V
9007	41076.14	7 56N	11 10W	83.3	186.5	3.439	-14.35	67.8	S0409	.05410	8.7406	1.0	V
1868 9001	46539.74	65 40N	17 3W	79.5	195.5	1.332	-14.25	54.4	S0409	.07190	9.1117	0.6	A
9002	46580.54	5 04S	35 16W	89.8	186.5	3.433	1.05	54.2	S0409	.05410	8.0409	0.8	V
9003	46583.94	5 04S	35 16W	91.1	186.5	3.439	1.75	54.2	S0409	.05410	7.8419	0.6	A
9004	46610.54	4 42S	34 52W	105.5	186.5	2.733	27.30	53.0	S0409	.05410	8.4688	0.8	V
1869 9001	52256.93	31 20S	64 15W	149.9	187.5	2.511	-44.80	36.1	S0409	.04090	4.7083	0.6	F

Handle via
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BYE-8915/84

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4354 COMMAND INFORMATION

REV	FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1869	9002	52262.33	31 20S	64 15W	147.2	187.5	2.733	-44.45	36.1	S0409	.04090	4.8315	0.8	V
	9003	52267.73	31 20S	64 11W	146.2	187.6	3.090	-43.40	36.1	S0409	.04090	4.8732	0.4	A
	9004	52272.13	33 4S	64 15W	135.6	187.7	2.872	-38.15	34.8	S0409	.04090	5.2855	0.8	V
	9005	52291.13	33 4S	64 15W	137.3	187.7	3.090	-38.15	34.8	S0409	.04090	5.1783	0.8	A
	9006	52359.33	38 42S	62 15W	141.0	188.2	2.033	32.20	30.9	S0409	.05410	5.0562	1.0	F
	9007	52364.53	38 42S	62 16W	140.0	188.2	1.810	32.55	30.9	S0409	.05410	5.1124	1.0	V
	9008	52369.73	38 42S	62 16W	142.7	188.2	1.475	33.25	30.9	S0409	.05410	4.9145	1.0	A
	9009	52470.33	45 40S	67 28W	139.5	189.2	2.345	-31.15	23.1	S0409	.05410	5.0464	1.2	F
	9010	52475.73	45 40S	67 25W	136.9	189.2	2.385	-30.10	23.1	S0409	.05410	5.2113	0.6	V
	9011	52558.73	51 00S	69 13W	134.0	190.3	2.170	-25.20	17.6	S0409	.07190	5.0876	0.4	F
	9012	52563.73	51 00S	69 12W	136.1	190.4	2.385	-24.95	17.6	S0409	.07190	5.2279	0.8	V
	9013	52602.33	54 40S	68 18W	131.0	191.0	2.033	7.70	15.2	S0409	.07190	5.3762	0.8	F
	9014	52608.13	54 40S	68 17W	129.9	191.1	1.810	8.40	15.2	S0409	.07190	5.4670	0.4	V
1870	9001	56791.73	21 0N	75 38W	91.1	186.9	2.872	-34.30	69.9	S0409	.05410	7.8830	16.2	F
	9002	56811.33	20 12N	75 49W	90.7	186.8	3.090	-33.60	70.0	S0409	.05410	7.9335	8.2	A
	9003	57144.93	3 10S	79 57W	102.5	186.4	3.211	-32.90	60.5	S0409	.05410	6.9760	0.6	F
	9004	57149.53	3 10S	79 46W	95.8	186.4	3.439	-26.60	60.6	S0409	.05410	7.5144	0.4	V
	9005	57158.93	3 34S	80 29W	118.6	186.4	3.211	-43.70	59.9	S0409	.05410	6.0772	0.8	A
1872	9001	67203.53	34 12N	116 13W	74.2	187.8	2.872	0.00	65.4	S0409	.07190	9.7714	1.0	F
	9002	67209.93	34 12N	116 15W	74.3	187.7	2.872	0.70	65.4	S0409	.07190	9.7549	0.8	A
	9003	67233.13	33 50N	116 59W	76.3	187.6	3.090	-14.70	66.2	S0409	.07190	9.5075	1.0	A
1876	9001	1662.92	58 50N	163 48E	78.1	192.5	1.813	12.60	45.6	S0409	.09670	9.2449	0.4	F
	9002	1665.72	58 50N	163 48E	77.2	192.5	1.810	12.95	45.6	S0409	.09670	9.4310	0.4	V
	9003	1669.32	58 34N	163 34E	77.7	192.4	2.033	11.55	46.0	S0409	.09670	9.3261	0.4	F
	9004	1672.11	58 34N	163 36E	76.9	192.4	1.810	12.25	46.0	S0409	.09670	9.5405	0.4	V
	9005	1674.92	58 34N	163 34E	77.9	192.3	1.810	12.60	46.0	S0409	.09670	9.3813	0.4	A
	9006	1687.71	57 49N	161 33E	80.9	192.0	1.687	-22.75	46.7	S0409	.07190	6.9633	1.0	F
	9007	1693.72	57 47N	161 39E	79.0	191.9	1.810	-19.95	46.8	S0409	.07190	9.1777	0.6	A
	9008	1708.12	56 19N	160 49E	82.5	191.5	1.687	-27.65	47.7	S0409	.05410	8.8726	0.6	V
	9009	1711.12	56 19N	160 49E	83.2	191.5	1.687	-27.30	47.7	S0409	.05410	8.7524	0.6	A
	9010	1754.52	53 7N	160 1E	77.0	190.7	2.033	-19.90	50.6	S0409	.09670	9.5075	0.4	V
	9011	1757.32	53 7N	160 1E	77.8	190.6	2.033	-19.55	50.6	S0409	.09670	9.3343	0.4	A
	9012	2174.91	24 20N	153 59E	87.6	187.0	2.733	26.25	70.6	S0409	.05410	8.2046	0.8	A
1877	9001	7094.91	50 50N	136 51E	81.6	190.2	1.810	-25.90	52.4	S0409	.05410	8.8496	0.6	F
	9002	7097.91	50 50N	136 51E	80.4	190.2	2.033	-25.00	52.4	S0409	.05410	9.1147	0.6	V
	9003	7102.71	50 30N	137 3E	76.2	190.1	2.033	-17.50	52.8	S0409	.09670	9.6147	0.4	V
	9004	7105.51	50 30N	137 3E	76.9	190.1	2.033	-17.15	52.8	S0409	.09670	9.4335	0.4	A
	9005	7190.51	44 20N	135 56E	73.6	189.0	2.511	4.55	58.0	S0409	.05410	9.9540	0.4	V
	9006	7193.11	44 20N	135 56E	74.5	189.0	2.511	4.90	58.0	S0409	.05410	9.7456	0.4	A
	9007	7203.51	43 36N	135 29E	73.1	188.9	2.511	-2.10	58.6	S0409	.07190	10.0352	0.4	V
	9008	7206.31	43 36N	135 29E	73.9	188.8	2.733	-2.10	58.6	S0409	.07190	9.8043	0.4	A
	9009	7316.51	35 34N	134 11E	82.2	187.3	2.733	22.05	64.8	S0409	.05410	8.2478	1.0	F
	9010	7323.11	35 20N	133 57E	77.8	187.3	2.733	16.80	64.9	S0409	.05410	9.4250	0.6	V
	9011	7325.91	35 20N	133 56E	78.9	187.3	2.733	17.15	64.9	S0409	.05410	9.1612	0.6	A
	9012	7964.31	8 51S	126 23E	116.2	186.5	2.385	35.00	57.7	S0409	.04090	6.2336	1.0	V
	9013	7975.51	9 10S	125 17E	94.0	186.3	3.439	-3.85	56.7	S0409	.05410	7.5944	1.0	A
1878	9001	12096.51	71 40N	128 57E	77.7	200.5	1.113	2.10	33.6	S0409	.12890	9.4168	0.6	V
	9002	12099.31	71 40N	128 57E	78.5	200.5	1.113	2.10	33.6	S0409	.09670	9.2106	0.6	A
	9003	12385.31	52 10N	115 47E	77.7	190.5	2.170	16.80	51.5	S0409	.05410	9.4498	0.4	V
	9004	12388.11	52 10N	115 48E	78.7	190.5	2.170	17.15	51.5	S0409	.05410	9.2024	0.4	A
	9005	12402.71	51 2N	115 30E	74.3	190.2	2.170	-6.65	52.5	S0409	.07190	9.7384	0.6	F
	9006	12408.11	51 1N	115 30E	74.1	190.2	2.170	-5.95	52.5	S0409	.07190	9.7796	0.6	A
	9007	12552.91	40 47N	111 59E	78.9	188.5	2.511	-23.80	60.5	S0409	.07190	9.1384	1.2	F
	9008	12558.51	40 46N	111 59E	78.5	188.4	2.511	-23.10	60.5	S0409	.07190	9.2436	1.2	A
	9009	12569.31	39 56N	112 50E	76.2	188.4	2.733	13.65	61.6	S0409	.07190	9.4828	0.4	A
	9010	12580.11	39 55N	111 37E	77.5	188.3	2.511	-21.00	61.9	S0409	.07190	9.3178	1.2	F
	9011	12585.71	39 55N	111 36E	77.2	188.2	2.733	-20.65	61.9	S0409	.07190	9.4085	1.2	A
	9012	12597.31	37 47N	110 38E	81.8	188.1	2.511	24.15	63.3	S0409	.05410	8.9633	0.6	V
	9013	12605.71	37 17N	111 46E	73.0	184.1	2.872	-1.40	65.3	S0409	.05410	10.0352	0.6	V
	9014	12610.51	37 3N	111 46E	74.0	188.0	2.872	0.35	66.4	S0409	.05410	9.7879	0.4	A
	9015	12618.71	36 42N	111 39E	74.4	188.0	2.872	2.45	64.1	S0409	.05410	9.7501	0.6	F
	9016	12620.31	36 0N	111 36E	74.6	188.0	2.872	2.45	64.2	S0409	.05410	9.7301	0.6	F
	9017	12626.71	35 49N	111 19E	74.2	187.9	2.872	-4.90	64.3	S0409	.05410	9.7466	0.4	F
	9018	12630.51	35 24N	111 17E	74.2	187.9	2.872	-3.50	64.5	S0409	.05410	9.7549	0.6	F
	9019	12638.71	34 54N	110 29E	82.8	187.8	2.511	-27.30	64.5	S0409	.05410	8.7901	0.8	F
	9020	12641.71	34 53N	110 29E	80.9	187.8	2.733	-27.30	64.6	S0409	.05410	9.0622	0.8	V
	9021	12651.51	33 57N	111 2E	74.3	187.8	3.090	-8.70	65.5	S0409	.07190	9.7549	0.6	F
	9022	12656.71	33 50N	111 3E	74.3	187.7	3.090	0.35	65.5	S0409	.07190	9.7384	0.6	A
	9023	12716.31	29 36N	110 46E	82.1	187.4	2.733	24.15	68.4	S0409	.05410	8.9228	0.4	V
	9024	12719.31	29 36N	110 46E	83.4	187.4	2.733	24.50	68.4	S0409	.05410	8.6417	0.4	A
	9025	12729.31	29 44N	110 17E	77.8	187.3	2.872	14.00	68.6	S0409	.07190	9.4168	0.4	V
	9026	12735.71	29 49N	110 24E	82.6	187.3	2.872	20.65	68.9	S0409	.05410	8.7406	0.8	A
	9027	12741.11	28 7N	110 14E	80.4	187.3	2.872	17.15	69.0	S0409	.05410	8.9715	0.8	A
	9028	12746.11	27 54N	110 9E	79.9	187.2	2.872	17.85	69.2	S0409	.05410	9.1674	0.6	V
	9029	12748.91	27 50N	110 9E	81.0	187.2	2.872	18.20	69.2	S0409	.05410	8.9035	0.8	A
	9030	12755.31	26 58N	109 43E	75.7	187.2	3.090	5.95	69.2	S0409	.07190	9.6642	0.6	V
	9031	12758.11	26 58N	109 43E	76.7	187.2	3.090	6.30	69.2	S0409	.05410	9.4168	0.6	A
	9032	12765.91	26 12N	109 56E	80.8	187.2	2.872	18.90	69.8	S0409	.05410	9.0705	0.4	V

Handle via
BYEMAN Channels
BYE-8915/84

Approved for Release: 2021/01/22 C05132886

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1878 9033	12768.71	26 10N	109 54E	82.0	187.1	2.872	19.25	69.8	S0409	.05410	8.7983	0.6	A
9034	12774.31	25 40N	109 28E	77.4	187.1	3.090	7.70	69.8	S0409	.05410	9.3591	0.8	F
9035	12779.91	25 40N	109 29E	77.9	187.1	3.090	9.10	69.9	S0409	.05410	9.2601	0.8	A
9036	12793.11	24 40N	109 28E	80.3	187.0	3.090	16.45	70.4	S0409	.07190	9.3117	0.6	V
9037	12796.11	24 40N	109 28E	81.5	187.0	2.872	17.15	70.4	S0409	.07190	8.8478	0.6	A
9038	12814.31	23 57N	108 29E	76.9	187.0	3.211	-12.25	70.1	S0409	.07190	9.5157	0.6	V
9039	12817.11	23 56N	108 28E	77.8	187.0	3.439	-12.60	70.1	S0409	.05410	9.2931	0.6	A
1879 9001	17518.31	64 0N	99 33E	76.3	194.9	1.475	-4.90	40.7	S0409	.07190	9.4663	0.8	F
9002	17523.91	64 0N	99 34E	76.1	194.7	1.475	-4.20	40.7	S0409	.07190	9.5157	0.8	A
9003	17570.71	60 49N	97 27E	75.2	193.2	1.687	-7.70	43.8	S0409	.07190	9.7301	0.8	V
9004	17573.51	60 49N	97 27E	76.0	193.1	1.687	-7.35	43.8	S0409	.07190	9.5522	0.8	A
9005	17639.11	56 0N	94 30E	81.8	191.6	1.687	-25.20	47.8	S0409	.07190	8.8148	0.8	F
9006	17641.11	56 0N	94 30E	80.6	191.5	1.687	-24.85	47.8	S0409	.07190	9.0869	0.8	V
9007	17662.11	40 49N	89 50E	79.8	188.5	2.305	-24.85	60.4	S0409	.05410	9.0475	1.2	F
9008	17667.91	40 49N	89 50E	79.3	188.4	2.511	-24.15	60.5	S0409	.05410	9.1529	1.0	A
9009	18101.31	24 30N	87 27E	82.5	187.0	2.872	19.25	70.3	S0409	.05410	8.7406	0.4	A
9010	18117.71	23 30N	87 26E	87.9	187.0	2.733	25.90	70.8	S0409	.04090	8.1381	0.8	A
9011	18120.11	23 40N	86 20E	76.7	187.0	3.211	-10.50	70.2	S0409	.07190	9.5405	0.4	V
9012	18130.91	22 40N	86 21E	77.6	186.9	3.439	-10.15	70.2	S0409	.05410	9.3261	0.4	A
1880 9001	22965.90	54 50N	73 30E	77.2	191.2	2.033	14.70	49.2	S0409	.07190	9.4910	0.4	V
9002	22968.70	54 50N	73 30E	78.2	191.1	2.033	15.05	49.2	S0409	.07190	9.2519	0.4	A
9003	22999.70	52 50N	72 9E	74.5	190.6	2.170	1.05	51.2	S0409	.07190	9.7219	0.8	F
9004	23002.50	52 47N	72 8E	73.6	190.5	2.170	1.40	51.3	S0409	.07190	9.9618	0.8	V
9005	23145.90	43 49N	68 50E	74.0	188.7	2.733	-2.10	59.5	S0409	.05410	9.7179	0.8	F
9006	23151.10	43 50N	68 50E	74.0	188.7	2.733	-1.40	59.5	S0409	.05410	9.7961	0.8	A
9007	23160.10	41 49N	69 23E	83.5	188.6	2.511	24.50	60.6	S0409	.05410	8.7154	0.8	F
9008	23163.90	41 50N	69 24E	83.4	188.6	2.511	25.90	60.7	S0409	.05410	8.9066	0.8	V
9009	23164.90	41 50N	69 24E	84.5	188.5	2.511	26.25	60.7	S0409	.05410	8.5510	0.8	A
9010	23216.50	37 39N	67 32E	74.2	188.1	2.872	-5.25	63.0	S0409	.05410	9.7549	0.8	F
9011	23221.70	37 40N	67 32E	74.1	188.1	2.872	-4.55	63.0	S0409	.05410	9.7714	1.0	A
9012	23345.70	26 40N	64 56E	83.3	187.3	2.733	-29.05	67.7	S0409	.04090	8.6087	0.8	F
9013	23348.70	26 40N	64 56E	82.5	187.3	2.733	-28.70	67.8	S0409	.05410	8.8643	0.8	V
9014	23351.70	26 40N	64 56E	83.0	187.3	2.733	-28.00	67.9	S0409	.04090	8.7486	0.6	A
1881 9001	28214.70	58 50N	52 14E	75.6	192.5	1.810	-7.70	45.5	S0409	.07190	9.5570	0.8	F
9002	28217.50	58 50N	52 14E	74.6	192.4	1.810	-7.35	45.5	S0409	.07190	9.8126	0.8	V
9003	28263.70	55 50N	49 3E	101.5	191.4	1.332	-44.10	47.8	S0409	.05410	7.2151	0.8	V
9004	28267.50	55 52N	49 3E	102.0	191.5	1.332	-43.75	47.8	S0409	.05410	7.1244	0.8	A
9005	28283.70	54 10N	49 20E	82.1	191.0	1.810	-26.60	49.5	S0409	.07190	8.7736	0.8	F
9006	28286.70	54 10N	49 20E	80.9	191.0	1.810	-25.90	49.5	S0409	.07190	9.0457	0.8	V
9007	28295.10	53 20N	50 18E	74.8	190.8	2.170	2.45	50.5	S0409	.07190	9.6807	0.8	F
9008	28300.50	53 20N	50 19E	74.9	190.7	2.170	3.50	50.5	S0409	.07190	9.6807	0.8	A
9009	28307.50	52 50N	49 35E	75.8	190.6	2.170	-12.95	50.7	S0409	.07190	9.5817	0.6	A
9010	28325.50	51 40N	48 39E	81.1	190.3	2.033	-25.55	51.6	S0409	.07190	8.9550	0.8	A
9011	28353.30	49 47N	48 10E	77.8	189.9	2.170	-19.25	53.6	S0409	.07190	9.2449	0.8	F
9012	28358.90	49 47N	48 10E	77.4	189.8	2.170	-18.55	53.6	S0409	.07190	9.3756	0.8	A
9013	28376.10	47 52N	47 56E	75.2	189.6	2.395	-11.90	55.0	S0409	.07190	9.6147	1.0	F
9014	28381.50	47 52N	47 56E	75.0	189.5	2.395	-11.20	55.0	S0409	.07190	9.6724	1.0	A
9015	28392.50	46 40N	47 51E	74.2	189.4	2.511	-3.85	56.0	S0409	.09670	9.7549	0.4	F
9016	28396.50	46 26N	47 54E	74.3	189.3	2.511	0.35	56.3	S0409	.07190	9.7344	1.0	F
9017	28401.90	46 26N	47 54E	74.2	189.3	2.511	1.05	56.3	S0409	.07190	9.7661	0.8	A
9018	28449.50	42 54N	47 40E	82.4	188.8	2.395	24.50	59.4	S0409	.07190	9.4974	0.6	V
9019	28452.50	42 54N	47 40E	83.6	188.7	2.395	24.85	59.4	S0409	.07190	9.6417	0.6	A
9020	28470.10	41 24N	46 22E	73.9	188.6	2.733	-4.20	60.2	S0409	.04090	9.8043	0.8	F
9021	28475.30	41 25N	46 22E	73.8	188.5	2.733	-3.50	60.2	S0409	.04090	9.8208	0.8	A
9022	28484.30	40 52N	46 51E	79.2	188.5	2.511	19.60	61.2	S0409	.04090	9.2604	0.6	V
9023	28487.10	40 53N	46 51E	80.3	188.4	2.511	19.95	61.2	S0409	.04090	9.0045	0.6	A
1882 5001	33371.70	68 50N	37 20E	77.4	198.1	1.332	1.75	36.2	S0312	.05390	9.3415	0.4	F
5002	33377.10	68 51N	37 21E	77.4	197.8	1.332	2.10	36.2	S0312	.05390	9.3745	1.0	A
5003	33408.10	66 51N	34 37E	77.6	196.3	1.332	-9.80	38.4	S0312	.05390	9.3167	0.8	F
5004	33413.70	66 50N	34 36E	77.4	196.1	1.332	-9.10	38.4	S0312	.05390	9.3927	0.8	A
5005	33493.30	60 51N	30 30E	80.1	193.3	1.475	-20.65	43.6	S0312	.04150	9.0117	0.4	F
5006	33496.10	60 51N	30 29E	79.1	193.2	1.475	-20.65	43.6	S0312	.04150	9.2508	0.6	V
5007	33501.30	60 49N	30 31E	80.3	193.0	1.475	-21.35	44.1	S0312	.04150	8.9952	0.6	F
5008	33504.10	60 49N	30 30E	79.1	193.0	1.475	-21.00	44.1	S0312	.04150	9.2506	0.6	V
5009	33508.50	59 49N	30 30E	78.1	192.8	1.687	-16.80	44.6	S0312	.04150	9.2590	0.8	F
5010	33514.10	59 49N	30 30E	77.9	192.7	1.687	-16.45	44.6	S0312	.04150	9.3250	0.8	A
5011	33531.30	58 50N	30 21E	75.7	192.5	2.033	4.90	46.2	S0312	.04150	9.5723	0.6	F
5012	33534.10	58 50N	30 20E	74.8	192.5	2.033	4.90	46.2	S0312	.04150	9.7150	0.6	V
5013	33545.70	57 50N	28 28E	84.5	191.9	1.475	-28.70	46.7	S0312	.04150	8.5355	0.8	F
5014	33551.70	57 50N	28 27E	84.3	191.8	1.687	-29.70	46.7	S0312	.04150	8.6824	1.0	A
5015	33556.70	56 49N	28 37E	78.1	191.7	1.687	-20.30	47.3	S0312	.04150	9.3745	0.4	V
5016	33559.50	56 49N	28 38E	78.7	191.6	1.687	-19.60	47.3	S0312	.04150	9.2343	0.4	A
5017	33568.70	55 49N	28 28E	76.6	191.5	1.810	-14.35	48.2	S0312	.04150	9.4404	0.8	F
5018	33573.70	55 50N	28 45E	73.9	191.5	2.033	-2.45	48.6	S0312	.04150	9.9106	0.4	V
5019	33588.70	55 52N	27 48E	75.0	190.9	2.033	-12.95	49.9	S0312	.04150	9.7785	0.6	V
5020	33601.50	53 52N	27 48E	75.7	190.8	2.033	-12.60	49.9	S0312	.04150	9.5971	0.4	A
5021	33609.30	53 10N	27 44E	74.9	190.7	2.170	-8.75	50.4	S0312	.04150	9.6960	0.6	A
5022	33624.50	52 10N	27 50E	75.0	190.4	2.170	4.90	51.5	S0312	.04150	9.6795	0.4	A
5023	33630.90	51 50N	28 11E	81.7	190.3	2.170	22.05	52.4	S0312	.03150	8.9035	0.4	F
5024	33634.30	51 50N	28 8E	82.4	190.3	2.170	23.10	52.6	S0312	.04150	8.8303	0.8	F

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4354 COMMAND INFORMATION

REV FRAME	SYSTEM TIME	PRINCIPAL RAY FRAME START LAT DG MIN	LONG DG MIN	SLT RNG NM	VEHICLE AZIMUTH DEG	CRAB DEG	ROLL DEG	SUN ELEV DEG	FILM TYPE	SLIT WIDTH INCHES	FILM SPEED IN/SEC	BURST TIME SEC	MIRROR
1882 5025	33637.30	51 0N	28 9E	81.6	190.2	2.170	23.45	52.6	S0312	.04150	8.9952	0.6	V
5026	33641.90	50 3N	27 49E	78.0	190.2	2.385	15.40	52.9	S0312	.04150	9.3085	0.6	F
5027	33644.70	50 3N	27 40E	77.2	190.1	2.170	15.75	52.9	S0312	.04150	9.5146	0.6	V
5028	33647.50	50 3N	27 40E	76.2	190.1	2.170	16.10	52.9	S0312	.04150	9.2755	0.6	A
5029	33654.30	49 47N	27 17E	76.9	190.0	2.385	12.95	53.6	S0312	.04150	9.4404	1.0	F
5030	33659.90	49 47N	27 17E	77.2	189.9	2.385	13.65	53.6	S0312	.04150	9.3909	1.0	A
5031	33668.10	48 50N	26 44E	74.9	189.8	2.511	5.60	54.3	S0312	.04150	9.6795	0.6	F
5032	33670.90	48 52N	26 44E	74.1	189.8	2.511	5.95	54.3	S0312	.04150	9.8939	0.4	V
5033	33677.30	48 19N	25 58E	75.0	189.7	2.385	-11.90	54.6	S0312	.04150	9.6465	1.0	F
5034	33681.90	48 22N	25 59E	74.9	189.6	2.385	-11.20	54.6	S0312	.04150	9.7043	1.0	A
5035	33690.70	47 46N	26 15E	74.5	189.5	2.511	3.50	55.3	S0312	.04150	9.7372	0.8	A
5036	33698.70	46 56N	26 2?E	76.7	189.4	2.385	15.05	56.0	S0312	.04150	9.5641	0.6	V
5037	33701.50	46 56N	26 2?E	77.9	189.4	2.385	15.40	56.0	S0312	.03150	9.3167	0.6	A
5038	33710.50	45 53N	25 31E	73.8	189.2	2.511	-3.15	56.7	S0312	.04150	9.8197	0.6	F
5039	33715.30	45 52N	25 31E	72.9	189.2	2.511	-2.80	56.7	S0312	.04150	10.0505	0.4	V
5040	33724.50	45 0N	25 41E	75.8	189.1	2.511	10.15	57.6	S0312	.03150	9.5805	1.0	F
5041	33729.90	45 1N	25 41E	76.1	189.1	2.511	10.85	57.6	S0312	.03150	9.5394	1.0	A
5042	33738.90	44 0N	26 6E	86.6	189.0	2.170	29.75	58.5	S0312	.03150	8.4340	0.4	V
5043	33741.90	44 0N	26 6E	87.7	188.9	2.170	29.75	58.5	S0312	.03150	8.2696	0.6	A
5044	33752.10	43 41N	24 30E	74.9	188.8	2.511	-11.55	58.8	S0312	.03150	9.6795	0.8	F
5045	33761.10	42 41N	25 0E	74.6	188.7	2.511	10.15	59.4	S0312	.03150	9.8279	0.6	V
5046	33763.90	42 41N	25 0E	75.6	188.7	2.511	10.50	59.4	S0312	.03150	9.5888	0.4	A
5047	33774.70	41 53N	23 39E	80.4	188.6	2.385	-27.30	59.6	S0312	.03150	9.1189	0.6	V
5048	33777.50	41 53N	23 39E	81.2	188.6	2.385	-26.95	59.6	S0312	.03150	8.9705	0.8	A
5049	33903.90	32 5?N	21 52E	77.2	187.6	2.872	-17.85	65.8	S0312	.03150	9.3580	0.4	F
5050	33906.90	32 4?N	21 55E	75.4	187.6	2.872	-15.05	65.9	S0312	.04150	9.7207	0.4	V
5051	33909.70	32 4?N	21 54E	76.2	187.6	2.872	-14.70	66.0	S0312	.03150	9.5411	0.4	A
5052	34421.10	2 1eS	14 37E	110.4	186.4	3.211	-39.55	61.1	S0312	.0226?	5.5217	?.?	A
1883 5001	38799.69	61 0N	10 29E	81.4	193.?	1.687	19.95	43.5	S0312	.04150	8.9045	0.6	A
5002	38821.69	59 10N	9 41E	84.5	192.7	1.810	24.85	45.4	S0312	.04150	8.5994	0.6	F
5003	38835.09	58 42N	6 42E	85.0	190.6	2.033	27.65	51.5	S0312	.03150	8.6524	0.6	V
5004	38838.29	58 42N	6 42E	86.3	190.5	2.033	28.00	51.5	S0312	.03150	8.3953	0.6	A
5005	38871.49	49 9N	4 27E	74.1	189.9	2.385	-2.10	54.0	S0312	.04150	9.7867	?.?	F

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MISSION 4354 5T TRIBAR CORN TARGET EVALUATION DATA

FILM TYPE SO-312

REV	FRAME	DIR	BAR GROUP MEDIAN	BAR GROUP RANGE	MEDIAN GRD (INCHES)
15	5001	IT	28	28-29	
		XT	28	27-29	
15	5002	IT	27	27-28	
		XT	28	28-29	
81	5001	IT	26	25-27	
		XT	25	24-26	
81	5002	IT	26	24-26	
		XT	25	24-25	
97	5001	IT	25	24-26	
		XT	26	25-27	
97	5002	IT	25	23-25	
		XT	25	25-25	
97	5003	IT	23	21-23	
		XT	24	23-25	
97	5004	IT	24	23-25	
		XT	25	24-26	
113	5001	IT	24	24-25	
		XT	28	27-28	
113	5002	IT	25	25-26	
		XT	27	26-27	
113	5003	IT	24	24-24	
		XT	24	23-24	
113	5004	IT	24	24-24	
		XT	25	24-25	

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REV	FRAME	DIR	BAR GROUP MEDIAN	BAR GROUP RANGE	MEDIAN GRD (INCHES)
129	5002	IT	22	21-23	
		XT	22	22-23	
129	5003	IT	23	21-24	
		XT	22	22-22	
260	5001	IT	23	22-23	
		XT	25	25-26	
260	5002	IT	22	21-23	
		XT	27	25-27	
292	5001	IT	24	23-24	
		XT	24	24-26	
292	5002	IT	23	23-24	
		XT	26	26-27	
309	5001	IT	24	22-24	
		XT	24	24-26	
325	5001	IT	23	23-24	
		XT	26	26-26	
325	5002	IT	24	23-25	
		XT	25	25-26	
325	5003	IT	21	20-22	12.00
		XT	20	19-20	13.47
325	5004	IT	21	20-21	12.00
		XT	21	20-21	12.00
325	5005	IT	22	20-22	
		XT	19	18-19	
357	5001	IT	18	18-20	16.97
		XT	20	18-20	13.47
357	5002	IT	21	20-22	12.00
		XT	22	21-23	
357	5003	IT	20	20-22	13.47
		XT	24	23-24	

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REV	FRAME	DIR	BAR GROUP MEDIAN	BAR GROUP RANGE	MEDIAN GRD (INCHES)
357	5004	IT	22	21-23	
		XT	24	24-24	
357	5005	IT	22	21-22	
		XT	22	21-22	
390	5001	IT	23	22-23	
		XT	24	24-24	
390	5002	IT	26	24-26	
		XT	29	28-29	
406	5001	IT	21	21-21	12.00
		XT	24	22-24	
406	5002	IT	22	21-22	
		XT	24	22-24	
618	5001	IT	24	24-24	
		XT	26	26-27	
618	5002	IT	25	24-26	
		XT	26	26-27	
634	5001	IT	24	23-25	
		XT	24	24-26	
634	5002	IT	24	24-25	
		XT	24	24-25	
667	5001	IT	23	23-25	
		XT	27	26-27	
667	5002	IT	25	24-26	
		XT	25	24-25	
683	5001	IT	24	24-25	
		XT	26	26-27	
683	5002	IT	25	24-25	
		XT	25	25-27	
699	5001	IT	26	24-26	
		XT	27	26-27	

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REV	FRAME	DIR	BAR GROUP MEDIAN	BAR GROUP RANGE	MEDIAN GRD (INCHES)
699	5002	IT	27	25-27	[redacted]
		XT	28	26-28	
846	5001	IT	25	23-25	
		XT	27	26-28	
846	5002	IT	25	24-27	
		XT	27	27-29	
878	5001	IT	24	22-24	
		XT	24	24-26	
878	5002	IT	22	21-24	
		XT	27	23-27	
910	5002	IT	19	18-19	15.1
		XT	23	22-23	[redacted]
910	5003	IT	19	18-19	15.1
		XT	20	20-21	13.5
1334	5001	IT	23	23-23	[redacted]
		XT	28	27-29	
1334	5002	IT	25	25-26	
		XT	24	24-25	
1350	5001	IT	24	23-24	
		XT	26	26-28	
1350	5002	IT	23	23-25	
		XT	26	25-26	
1399	5002	IT	25	24-26	
		XT	25	25-27	
1399	5003	IT	25	25-25	
		XT	25	24-25	
1465	5001	IT	23	23-23	
		XT	24	23-24	
1465	5002	IT	24	24-25	
		XT	24	24-24	
1481	5005	IT	24	22-24	
		XT	28	28-28	

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REV	FRAME	DIR	BAR GROUP MEDIAN	BAR GROUP RANGE	MEDIAN GRD (INCHES)
1481	5006	IT	26	24-26	
		XT	28	27-28	
1497	5001	IT	26	25-26	
		XT	27	27-29	
1497	5002	IT	24	23-24	
		XT	27	27-27	
1513	5002	IT	23	22-23	
		XT	27	25-27	
1513	5003	IT	23	23-24	
		XT	25	25-26	
1529	5001	IT	23	22-23	
		XT	25	25-25	
1529	5002	IT	23	22-23	
		XT	23	22-23	
1546	5001	IT	23	23-23	
		XT	-	-	
1562	5002	IT	26	24-26	
		XT	26	25-27	
1578	5001	IT	22	22-23	
		XT	26	25-26	
1578	5002	IT	23	22-23	
		XT	23	23-23	
1692	5001	IT	24	23-24	
		XT	22	21-23	
1692	5002	IT	22	22-22	
		XT	22	22-22	
1692	5003	IT	23	23-23	
		XT	24	24-24	
1692	5004	IT	22	22-23	
		XT	23	22-24	
1823	5001	IT	22	21-22	
		XT	26	24-26	

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REV	FRAME	DIR	BAR GROUP MEDIAN	BAR GROUP RANGE	MEDIAN GRD (INCHES)	
1823	5002	IT	22	22-22	[redacted]	(b)(1)
		XT	23	22-24		(b)(3)
1823	5003	IT	21	20-22	12.0	
		XT	20	20-21	13.5	
1823	5004	IT	21	21-21	12.0	
		XT	21	21-22	12.0	
			FILM TYPE SO-315			
15	9001	IT	27	27-28	[redacted]	(b)(1)
		XT	29	29-29		(b)(3)
			FILM TYPE SO-312			
81	9001	IT	27	26-27	[redacted]	(b)(1)
		XT	25	24-25		(b)(3)
81	9002	IT	24	24-25		
		XT	25	24-26		
97	9005	IT	23	22-24		
		XT	26	25-26		
97	9006	IT	23	23-23		
		XT	23	23-23		
97	9007	IT	22	22-23		
		XT	22	22-23		
97	9008	IT	22	21-22		
		XT	24	24-26		
113	9001	IT	25	25-27		
		XT	25	23-25		
113	9002	IT	22	22-23		
		XT	26	26-27		
113	9003	IT	24	23-24		
		XT	24	24-25		
113	9004	IT	24	24-25		
		XT	23	23-24		

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REV	FRAME	DIR	BAR GROUP MEDIAN	BAR GROUP RANGE	MEDIAN GRD (INCHES)
146	9001	IT	24	23-24	[redacted] (b)(1) (b)(3)
		XT	24	23-24	
146	9002	IT	21	21-22	12.00
		XT	23	22-23	[redacted] (b)(1) (b)(3)
211	9001	IT	21	21-22	12.00
		XT	24	23-25	[redacted] (b)(1) (b)(3)
211	9002	IT	21	21-22	12.00
		XT	23	22-24	[redacted] (b)(1) (b)(3)
260	9001	IT	25	24-25	
		XT	23	23-24	
260	9002	IT	24	24-25	
		XT	26	25-27	
292	9001	IT	25	24-26	
		XT	26	26-28	
292	9002	IT	24	23-24	
		XT	25	25-27	
309	9001	IT	24	24-24	
		XT	26	26-26	
309	9002	IT	25	24-25	
		XT	23	23-23	
325	9001	IT	24	23-24	
		XT	27	26-27	
325	9002	IT	24	24-24	
		XT	24	24-26	
325	9003	IT	18	18-18	17.0
		XT	18	17-19	17.0
325	9004	IT	19	18-20	15.1
		XT	18	18-19	17.0
325	9005	IT	20	19-20	13.5
		XT	20	19-20	13.5
357	9003	IT	16	16-18	21.4
		XT	16	16-16	21.4

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REV	FRAME	DIR	BAR GROUP MEDIAN	BAR GROUP RANGE	MEDIAN GRD (INCHES)
357	9004	IT	18	18-18	17.0
		XT	18	16-18	17.0
357	9005	IT	19	19-19	15.1
		XT	18	18-18	17.0
390	9001	IT	23	23-25	
		XT	24	24-24	
390	9002	IT	24	23-25	
		XT	22	22-24	
487	9001	IT	23	23-23	
		XT	26	26-27	
487	9002	IT	25	23-25	
		XT	24	24-24	
488	9001	IT	24	23-24	
		XT	24	24-24	
488	9002	IT	24	23-24	
		XT	25	24-25	
504	9001	IT	24	24-24	
		XT	26	26-26	
504	9002	IT	25	24-25	
		XT	26	25-27	
716	9001	IT	25	23-25	
		XT	27	27-29	
716	9002	IT	26	24-26	
		XT	26	26-27	
878	9001	IT	24	23-24	
		XT	25	25-26	
878	9002	IT	24	24-25	
		XT	26	25-26	
1009	9001	IT	24	24-25	
		XT	27	27-28	
1009	9002	IT	25	25-26	
		XT	25	24-25	

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REV	FRAME	DIR	BAR GROUP MEDIAN	BAR GROUP RANGE	MEDIAN GRD (INCHES)
1025	9001	IT	24	24-26	
		XT	27	27-28	
1025	9002	IT	25	24-26	
		XT	26	26-28	
1041	9001	IT	24	24-24	
		XT	28	26-28	
1041	9002	IT	26	26-27	
		XT	27	27-30	
1058	9001	IT	27	27-27	
		XT	26	26-27	
1058	9002	IT	27	27-27	
		XT	22	22-22	
1074	9001	IT	26	25-26	
		XT	30	30-30	
1074	9002	IT	25	24-25	
		XT	27	26-27	
1074	9003	IT	26	26-26	
		XT	28	28-28	
1074	9004	IT	25	24-26	
		XT	31	29-31	
1090	9003	IT	25	24-25	
		XT	26	26-27	
1090	9004	IT	26	26-28	
		XT	27	27-27	
1122	9001	IT	26	25-27	
		XT	28	28-29	
1122	9002	IT	27	25-27	
		XT	30	30-31	
1123	9001	IT	26	25-26	
		XT	29	29-30	

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REV	FRAME	DIR	BAR GROUP MEDIAN	BAR GROUP RANGE	MEDIAN GRD (INCHES)
1123	9002	IT	26	26-26	
		XT	27	27-27	
1188	9001	IT	23	23-23	
		XT	25	25-25	
1188	9002	IT	24	24-26	
		XT	26	25-27	
1334	9001	IT	23	23-24	
		XT	28	28-28	
1334	9002	IT	28	28-29	
		XT	28	28-29	
1350	9001	IT	24	24-24	
		XT	27	27-29	
1350	9002	IT	24	22-24	
		XT	28	26-28	
1399	9001	IT	25	24-26	
		XT	27	26-28	
1465	9001	IT	25	24-25	
		XT	31	30-31	
1465	9002	IT	27	27-27	
		XT	27	27-28	
1481	9001	IT	25	25-26	
		XT	28	28-28	
1481	9002	IT	25	24-26	
		XT	25	25-25	
1497	9001	IT	24	24-26	
		XT	28	28-29	
1497	9002	IT	25	25-26	
		XT	29	29-29	
1513	9001	IT	28	27-29	
		XT	26	26-27	
1513	9002	IT	25	24-25	
		XT	26	25-27	

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REV	FRAME	DIR	BAR GROUP MEDIAN	BAR GROUP RANGE	MEDIAN GRD (INCHES)
1529	9001	IT	26	25-26	
		XT	28	28-28	
1529	9002	IT	24	23-24	
		XT	28	27-28	
1562	9002	IT	27	27-27	
		XT	29	28-29	
1578	9003	IT	22	22-23	
		XT	23	23-23	
1578	9004	IT	24	23-24	
		XT	23	23-24	
1692	9001	IT	24	23-24	
		XT	23	22-24	
1692	9002	IT	25	24-25	
		XT	23	22-24	
1692	9003	IT	23	23-24	
		XT	30	30-30	
1692	9004	IT	24	23-24	
		XT	25	24-26	
			FILM TYPE SO-409		
553	9001	IT	24	23-24	
		XT	26	25-26	
553	9002	IT	24	24-25	
		XT	26	26-26	
569	9001	IT	26	26-27	
		XT	25	24-26	
569	9002	IT	24	24-25	
		XT	24	23-25	
618	9001	IT	24	24-26	
		XT	24	24-26	

(b)(1)
(b)(3)

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REV	FRAME	DIR	BAR GROUP MEDIAN	BAR GROUP RANGE	MEDIAN GRD (INCHES)
618	9002	IT	25	25-25	
		XT	29	29-29	
634	9001	IT	25	24-25	
		XT	27	25-27	
634	9002	IT	24	23-24	
		XT	23	22-24	
667	9001	IT	26	25-26	
		XT	26	24-26	
667	9002	IT	24	24-24	
		XT	27	26-27	
683	9001	IT	25	24-26	
		XT	25	25-25	
683	9002	IT	27	26-28	
		XT	29	29-29	
699	9001	IT	26	24-26	
		XT	26	24-26	
699	9002	IT	26	24-26	
		XT	29	29-29	

(b)(1)
(b)(3)

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APPENDIX C

GLOSSARY OF TERMS

ABHC	Adaptive Bias Health Check
ACS	Attitude Control System
APR	Approved Platen Position
BEF	Best Electrical Focus
BPF	Best Photographic Focus
BPP	Biased Platen Position
CDFR	Continuous DeFocus Record
COA	Camera Optics Assembly
CORN	COntrolled Range Network
DMA	Defense Mapping Agency
DP	Duplicate Positive
ECS	Extended Command System
FPLLE	Frequency Phase Locked Loop Electronics
FUTS	FUll Turn S-1
GBCT	Gain Biased CORN Triplet
GRD	Ground Resolved Distance
ISPS	Integrated Secondary Propulsion System
MCD	Mission Correlation Data
MTF	Modulation Transfer Factor
NPA	Nominal Platen Adjust
OBCT	Obliquity Biased Corn Triplet
ON	Original Negative
OPP	Optimum Platen Position
PACS	Primary Attitude Control System
PAS	Payload Adapter Section
PET	Performance Evaluation Team
PMU	Programmable Memory Unit
PPS	Photographic Payload Section
PRG	Platen Reference Gauge
PSV	Photographic Satellite Vehicle
RACS	Redundant Attitude Control System
RCFLA	Ross Corrector and Field Lens Assembly
RST	Roll Settling Test
[redacted]	(b)(1) (b)(3)
SBCT	Slit Biased Corn Triplet
SCF	Satellite Control Facility
SCS	Satellite Control Section
SRV	Satellite Recovery Vehicle
SST	Stereo Settling Test
SV	Satellite Vehicle
TCA	Thrust Chamber Assembly
TSRT	Tunnel Seal Record Trap

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CONVERSIONS TO METRIC (SI) EQUIVALENTS

	To convert the following:	Multiply by:	To obtain:
Volume	Cubic inches	16.3871	Cubic centimeters
	Cubic feet	0.0283	Cubic meters
		28 316.8465	Cubic centimeters
Length	Inches	2.54 *	Centimeters
	Feet	30.48 *	Centimeters
		0.3048 *	Meters
	Nautical miles	1.852 *	Kilometers
	Statute miles	1.6093	Kilometers
Pressure	Pounds per square inch	6 894.7238	Newtons per square meter
Mass (weight)	Pounds	0.4536	Kilograms
Velocity	Inches per second	2.54 *	Centimeters per second
	Feet per second	0.3048 *	Meters per second
		30.48 *	Centimeters per second
	Pounds per second	0.4536	Kilograms per second
	Pounds per minute	0.0272	Grams per second

Temperature Chart (for nominal values)

Fahrenheit	50	55	60	65	70	75	80	85	90	95	100
Celsius	10	13	16	18	21	24	27	30	32	35	38

Exact formula is :

Degrees Celsius = 5/9 (Degrees Fahrenheit - 32°)

*Numbers marked with asterisk are exact conversions.

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