ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTI BY>>		COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT
1	049 00:00:00	31					VGR-31 OWLT IS 11H 38M 52S					1L
2	049 00:00:00	32					VGR-32 OWLT IS 09H 17M 26S					2L
3	049 01:42:30	31	60RISE				10 DEGREE RISE DSC-60					1V
4	049 01:51:49	31	40 SET				10 DEGREE SET DSC-40					1V
5	049 02:55:00	31	65 AO	ОРСН	ACE		AOS DSS-65 PASS-8956 (D/L ONLY)					1DP
6	049 03:25:00	32	45 LO	ОРСН	ACE		LOS DSS-45 PASS-8972					2DP
7	049 03:39:28	31					B- UVSLEW			23248:19:001F	02-048/16:00:35	1TB
8	049 03:39:28	31					SLEW TO MIDPNT-A			23248:19:001F	02-048/16:00:35	1T
9	049 03:39:28	31					B- PLATPOB			23248:19:001F	02-048/16:00:35	1TB
10	049 03:39:28	31				AC7SPK	(1 12 1 093 214) EL SLEW R=LOW	AACS		23248:19:003F	02-048/16:00:36	1ECa
11	049 03:39:28	31				AC7SPK	(2 12 1 167 238) AZ SLEW R=LOW	AACS		23248:19:005F	02-048/16:00:36	1ECa
12	049 04:06:47	31					B- SLEND			23248:53:118F	02-048/16:27:54	1TB
13	049 04:06:47	31				SLEWEND	AZ=223.095 EL=140.021 CO=134.301			23248:53:118F	02-048/16:27:54	1T
14	049 07:50:00	31	65 LO	ОРСН	ACE		LOS DSS-65 PASS-8956					1DP
15	049 07:52:25	32	40 SET				10 DEGREE SET DSC-40					2V
16	049 09:15:07	31	10RISE				10 DEGREE RISE DSC-10					1V
17	049 10:30:00	31	25 AO	ОРСН	ACE		AOS DSS-25 PASS-8957 (D/L ONLY)					1DP
18	049 11:39:27	31					B- UVSLEW			23258:19:001F	02-049/00:00:35	1TB
19	049 11:39:27	31					SLEW TO HELIO-10A			23258:19:001F	02-049/00:00:35	1T
20	049 11:39:27	31					B- PLATPOB			23258:19:001F	02-049/00:00:35	1TB
21	049 11:39:27	31				AC7SPK	(2 12 2 222 177) AZ SLEW R=LOW	AACS		23258:19:003F	02-049/00:00:36	1ECa
22	049 11:39:27	31				AC7SPK	(1 12 1 071 142) EL SLEW R=LOW	AACS		23258:19:005F	02-049/00:00:36	1ECa
23	049 12:00:00	31					VGR-31 OWLT IS 11H 38M 51S					1L

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTIO	I	AND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT
24	049 12:00:00	32					VGR-32 OWLT IS 09H 17M 26S					2L
25	049 12:01:38	31					B- SLEND			23258:46:584F	02-049/00:22:46	1TB
26	049 12:01:38	31			SLEWE	ND	AZ=299.984 EL=172.024 CO=172.055			23258:46:584F	02-049/00:22:46	1T
27	049 13:16:10	31	60 SET				10 DEGREE SET DSC-60					1V
28	049 15:56:34	32	40RISE				10 DEGREE RISE DSC-40					2V
29	049 16:20:00	31	25 LO	OPCH A	CE		LOS DSS-25 PASS-8957					1DP
30	049 16:25:00	32	34 AO	OPCH A	CE		AOS DSS-34 PASS-8973 (D/L ONLY)					2DP
31	049 16:40:27	31	40RISE				10 DEGREE RISE DSC-40					1V
32	049 20:42:18	31	10 SET				10 DEGREE SET DSC-10					1V
33	049 22:09:25	32			AC7SS	3	(4 +160) SS BIAS CONTROL YAW	AACS		17129:27:003F	02-049/12:51:59	2ECa
34	049 23:39:26	31					B- UVSLEW			23273:19:001F	02-049/12:00:35	1TB
35	049 23:39:26	31					SLEW TO HELIO-9A			23273:19:001F	02-049/12:00:35	1T
36	049 23:39:26	31					B- PLATPOB			23273:19:001F	02-049/12:00:35	1TB
37	049 23:39:26	31			AC7SP	K	(1 12 2 079 159) EL SLEW R=LOW	AACS		23273:19:003F	02-049/12:00:36	1ECa
38	049 23:39:26	31			AC7SP	L	(2 12 1 255 044) AZ SLEW R=LOW	AACS		23273:19:005F	02-049/12:00:36	1ECa
39	049 23:42:05	31					B- SLEND			23273:22:251F	02-049/12:03:14	1TB
40	049 23:42:05	31			SLEWE	ND	AZ=299.953 EL=160.328 CO=162.435			23273:22:251F	02-049/12:03:14	1T
41	049 23:45:00	32	34 LO	OPCH A	CE		LOS DSS-34 PASS-8973					2DP
42	050 00:00:00	31					VGR-31 OWLT IS 11H 38M 50S					1L
43	050 00:00:00	32					VGR-32 OWLT IS 09H 17M 25S					2L
44	050 01:38:34	31	60RISE				10 DEGREE RISE DSC-60					1V
45	050 01:47:53	31	40 SET				10 DEGREE SET DSC-40					1V
46	050 02:50:00	31	65 AO	OPCH A	CE		AOS DSS-65 PASS-8957 (D/L ONLY)					1DP

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACT BY>		COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT
47	050 06:45:00	31	65 LO	ОРСН	ACE		LOS DSS-65 PASS-8957					1DP
48	050 07:48:35	32	40 SET				10 DEGREE SET DSC-40					2V
49	050 09:11:11	31	10RISE				10 DEGREE RISE DSC-10					1V
50	050 10:25:00	31	25 AO	ОРСН	ACE		AOS DSS-25 PASS-8958 (D/L ONLY)					1DP
51	050 11:39:25	31					B- UVSLEW			23288:19:001F	02-050/00:00:35	1TB
52	050 11:39:25	31					SLEW TO HELIO-8A			23288:19:001F	02-050/00:00:35	1T
53	050 11:39:25	31					B- PLATPOA			23288:19:001F	02-050/00:00:35	1TB
54	050 11:39:25	31				AC7SPK	(1 12 1 086 119) EL SLEW R=LOW	AACS		23288:19:003F	02-050/00:00:36	1ECa
55	050 11:41:34	31					B- SLEND			23288:21:551F	02-050/00:02:44	1TB
56	050 11:41:34	31				SLEWEND	AZ=299.953 EL=150.219 CO=152.812			23288:21:551F	02-050/00:02:44	1T
57	050 12:00:00	31					VGR-31 OWLT IS 11H 38M 49S					1L
58	050 12:00:00	32					VGR-32 OWLT IS 09H 17M 25S					2L
59	050 13:12:16	31	60 SET				10 DEGREE SET DSC-60					1V
60	050 15:20:00	32	43 AO	ОРСН	ACE		AOS DSS-43 PASS-8974 (D/L ONLY)					2DP
61	050 15:52:42	32	40RISE				10 DEGREE RISE DSC-40					2V
62	050 16:36:34	31	40RISE				10 DEGREE RISE DSC-40					1V
63	050 19:35:00	31	25 LO	ОРСН	ACE		LOS DSS-25 PASS-8958					1DP
64	050 19:41:12	32		ACE	OPCH		>>>>>> 5 MIN WARNING <>>>> CHG					2ESf
65	050 19:41:12	32		ACE	OPCH		>>>>>> 5 MIN WARNING <>>>>> FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					22EC
66	050 19:42:00	32		ACE	OPCH		>>>>>> 5 MIN WARNING <>>>> CHG					2ESf

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
67	050 19:42:00	32		ACE OPCH		>>>>> 5 MIN WARNING <>>>> FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	<				22EC
68	050 19:45:24	32				BEGIN PWSREC			17156:27:001F	02-050/10:27:59	2T
69	050 19:45:24	32				B- DRGS4B			17156:27:001F	02-050/10:27:59	2TB
70	050 19:45:24	32			SC06BB	(03 0 07 0) FDS MODE TO: GS-4: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND: N/A ENGINEERING FORMAT: CRUIS: AACS READOUT MODE: TELEMETR	A E		17156:27:009F	02-050/10:28:00	2ECf
71	050 19:46:08	32				BEGIN RECORDING PWS DATA			17156:27:734F	02-050/10:28:43	2T
72	050 19:46:08	32			CC16C	(3000) DTR STATE SELECT:115.2RE	C DTR		17156:27:735F	02-050/10:28:43	2ECd
73	050 19:46:08	32				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:3 TIC:0846	= DTR		17156:27:735F	02-050/10:28:43	2ESd
74	050 19:46:12	32		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40	=				

MEM:PB/FDS11 SA 468STATUSGS NOT RECOVERABLE468STATUS

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS		DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT
78	050 19:47:00	32		ACE OP	Н	FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	17156:29:001F	02-050/10:29:35	2ESf
79	050 19:47:00	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		17156:29:001F	02-050/10:29:35	2ECd
80	050 19:47:00	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:1137	DTR		17156:29:001F	02-050/10:29:35	2ESd
81	050 19:47:00	32			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		17156:29:002F	02-050/10:29:35	2ECs
82	050 19:47:01	32				END PWSREC			17156:29:018F	02-050/10:29:36	2T
83	050 20:35:00	32	43 LO	OPCH AC	Е	LOS DSS-43 PASS-8974					2DP
84	050 20:38:25	31	10 SET			10 DEGREE SET DSC-10					1V
85	050 20:40:00	31		ACE OPO	Н	>>>>> 5 MIN WARNING <>>>> CHG					1ESf
86	050 20:40:00	31		ACE OPO	Н	>>>>> 5 MIN WARNING <>>>> FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
87	050 20:40:48	31		ACE OPO	Н	>>>>>> 5 MIN WARNING <>>>> CHG					1ESf
88	050 20:40:48	31		ACE OPO	н	>>>>> 5 MIN WARNING <>>>> FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
89	050 20:43:24	31				BEGIN PWSREC.31			23299:39:001F	02-050/09:04:35	1T
90	050 20:43:24	31			SC32AJ	(10) PLS CONFIG CMD	FDS		23299:39:010F	02-050/09:04:36	1ECf
91	050 20:44:12	31				B- DRGS4B			23299:40:001F	02-050/09:05:23	1TB

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT
92	050 20:44:12	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND: N/A ENGINEERING FORMAT: CRUISE AACS READOUT MODE: TELEMETRY	FDS		23299:40:009F	02-050/09:05:24	1ECf
93	050 20:44:56	31				BEGIN RECORDING PWS DATA			23299:40:734F	02-050/09:06:07	1T
94	050 20:44:56	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		23299:40:735F	02-050/09:06:08	1ECd
95	050 20:44:56	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:2 TIC:1744	DTR		23299:40:735F	02-050/09:06:08	1ESd
96	050 20:45:00	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11> GS-4B NOT RECOVERABLE> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	23299:41:001F	02-050/09:06:11	1ESf
97	050 20:45:00	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		23299:41:002F	02-050/09:06:12	1ECs
98	050 20:45:01	31				B- DRCRUS			23299:41:018F	02-050/09:06:12	1TB
99	050 20:45:01	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND: N/A ENGINEERING FORMAT: CRUISE AACS READOUT MODE: TELEMETRY			23299:41:026F	02-050/09:06:13	1ECf
100	050 20:45:48	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	23299:42:001F	02-050/09:06:59	1ESf
101	050 20:45:48	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		23299:42:002F	02-050/09:07:00	1ECd

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTI BY>>		COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT
102	050 20:45:48	31					DTR STATUS  MODE:RDY RATE:000.0K  DIR:R TRK:2 TIC:1452	DTR		23299:42:002F	02-050/09:07:00	1ESd
103	050 20:45:48	31				CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		23299:42:002F	02-050/09:07:00	1ECs
104	050 20:46:36	31				SC32AJ	(11) PLS CONFIG CMD	FDS		23299:43:010F	02-050/09:07:48	1ECf
105	050 20:46:37	31					END PWSREC.31			23299:43:018F	02-050/09:07:48	1T
106	050 23:39:24	31					B- UVSLEW			23303:19:001F	02-050/12:00:35	1TB
107	050 23:39:24	31					SLEW TO HELIO-7A			23303:19:001F	02-050/12:00:35	1T
108	050 23:39:24	31					B- PLATPOA			23303:19:001F	02-050/12:00:35	1TB
109	050 23:39:24	31				AC7SPK	(1 12 2 094 117) EL SLEW R=LOW	AACS		23303:19:003F	02-050/12:00:36	1ECa
110	050 23:41:46	31					B- SLEND			23303:21:768F	02-050/12:02:57	1TB
111	050 23:41:46	31				SLEWEND	AZ=299.953 EL=139.020 CO=141.868			23303:21:768F	02-050/12:02:57	1T
112	051 00:00:00	31					VGR-31 OWLT IS 11H 38M 48S					1L
113	051 00:00:00	32					VGR-32 OWLT IS 09H 17M 24S					2L
114	051 01:34:38	31	60RISE				10 DEGREE RISE DSC-60					1V
115	051 01:43:57	31	40 SET				10 DEGREE SET DSC-40					1V
116	051 04:05:00	31	63 AO	ОРСН	ACE		AOS DSS-63 PASS-8958 (U/L PASS) PERFORM RFSTLC PER TELECOM MESSAGE					1DP
117	051 05:55:00	31	63	ОРСН	63		== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==	=				1TD

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO		COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT
118	051 05:55:00	31	63	ОРСН	53		== TLC TEST UP-LINK === TURN RANGING MOD OFF (IF APPL)					1TD
119	051 05:56:00	31	63	ОРСН	53		== TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN					1TD
120	051 05:57:00	31	63	ОРСН	53		== TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) ==					1TD
121	051 06:22:00	31	63	ОРСН	53		== END TLC TEST UP-LINK == == TURN TRANSMITTER OFF == TUNE TO TSF @ 48 HZ/SEC (S-BAND)					1TD
122	051 06:45:00	31	63 LO	OPCH A	CE		LOS DSS-63 PASS-8958					1DP
123	051 07:44:46	32	40 SET				10 DEGREE SET DSC-40					2V
124	051 09:07:15	31	10RISE				10 DEGREE RISE DSC-10					1V
125	051 10:05:00	31	25 AO	OPCH A	CE		AOS DSS-25 PASS-8959 (D/L ONLY)					1DP
126	051 11:39:23	31					B- UVSLEW			23318:19:001F	02-051/00:00:35	1TB
127	051 11:39:23	31					SLEW TO HELIO-6A			23318:19:001F	02-051/00:00:35	1T
128	051 11:39:23	31					B- PLATPOA			23318:19:001F	02-051/00:00:35	1TB
129	051 11:39:23	31			AC	C7SPK	(1 12 2 100 170) EL SLEW R=LOW	AACS		23318:19:003F	02-051/00:00:36	1ECa
130	051 11:41:18	31					B- SLEND			23318:21:318F	02-051/00:02:30	1TB
131	051 11:41:18	31			SL	LEWEND	AZ=299.953 EL=130.019 CO=132.985			23318:21:318F	02-051/00:02:30	1T
132	051 12:00:00	31					VGR-31 OWLT IS 11H 38M 47S					1L
133	051 12:00:00	32					VGR-32 OWLT IS 09H 17M 24S					2L

ITEM NO	TRM-OR-ERT DOY-HH:MM:S			ACT: BY>:		COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT
134	051 13:08:2	3 31	60 SET				10 DEGREE SET DSC-60					1V
135	051 15:48:4	32	40RISE				10 DEGREE RISE DSC-40					2V
136	051 16:15:0	32	34 AO	ОРСН	ACE		AOS DSS-34 PASS-8975 (D/L ONLY)					2DP
137	051 16:32:4	31	40RISE				10 DEGREE RISE DSC-40					1V
138	051 19:45:0	31	25 LO	ОРСН	ACE		LOS DSS-25 PASS-8959					1DP
139	051 20:25:0	32	43 AO	ОРСН	ACE		AOS DSS-43 PASS-8975 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
140	051 20:34:3	1 31	10 SET				10 DEGREE SET DSC-10					1V
141	051 20:45:0	32	34 LO	ОРСН	ACE		LOS DSS-34 PASS-8975					2DP
142	051 23:39:2	2 31					B- UVSLEW			23333:19:001F	02-051/12:00:35	1TB
143	051 23:39:2	2 31					SLEW TO HELIO-5A			23333:19:001F	02-051/12:00:35	1T
144	051 23:39:2	2 31					B- PLATPOA			23333:19:001F	02-051/12:00:35	1TB
145	051 23:39:2	2 31				AC7SPK	(1 12 1 106 039) EL SLEW R=LOW	AACS		23333:19:003F	02-051/12:00:36	1ECa
146	051 23:40:5	31					B- SLEND			23333:21:018F	02-051/12:02:12	1TB
147	051 23:40:5	31				SLEWEND	AZ=299.953 EL=122.534 CO=125.569			23333:21:018F	02-051/12:02:12	1T
148	052 00:00:0	31					VGR-31 OWLT IS 11H 38M 46S					1L
149	052 00:00:0	32					VGR-32 OWLT IS 09H 17M 23S					2L
150	052 00:20:0	32	43 LO	OPCH	ACE		LOS DSS-43 PASS-8975					2DP
151	052 01:30:4	2 31	60RISE				10 DEGREE RISE DSC-60					1V
152	052 01:40:0	1 31	40 SET				10 DEGREE SET DSC-40					1V
153	052 03:45:0	31	63 AO	OPCH	ACE		AOS DSS-63 PASS-8959 (D/L ONLY)					1DP
154	052 05:08:5	3 31					B- RFSTLC			23340:11:001F	02-051/17:30:11	1TB
155	052 05:39:3	3 31	63	OPCH	63		== START TLC TEST DOWN-LINK ==	=				1TD

ITEM NO	1	I-OR-ERT HH:MM:SS	SC ID	DSN	- 1	ACTION BY>>		COMMAND			EVE	NT-	DESCRI	PTIO	N		S/C SBSYS	TLM FMT	FDS-	COUNT		SCE-TIME		SORT
156	052	06:25:00	31	65 <i>I</i>	OO	PCH	ACE		AOS	DSS	-65	P	ASS-89	59 (I	D/L 0	NLY)								1DP
157	052	06:40:38	31	63	OI	PCH	63		==	EN	D TL	rc .	TEST D	OWN - I	LINK	==								1TD
158	052	06:45:00	31	63 I	OI OI	PCH	ACE		LOS	DSS	-63	P	ASS-89	59										1DP
159	052	07:40:56	32	40 SI	T				10 I	DEGR	EE S	SET	DSC-4	0										2V
160	052	09:00:00	31	14 7	OP	PCH	ACE		AOS	DSS	-14	P	ASS-89	60 (T	J/L P	ASS)								1DP
161	052	09:03:19	31	10RIS	E				10 I	DEGR	EE R	RIS	E DSC-	10										1V
162	052	09:20:00	31	65 I	OI	PCH	ACE		LOS	DSS	-65	P	ASS-89	59										1DP
163	052	11:39:21	31						B- t	UVSL	EW								23348:1	19:001F	02-	052/00:00:3	35	1TB
164	052	11:39:21	31						SLEV	OT W	HEL	JIO	-4A						23348:1	19:001F	02-	052/00:00:3	35	1T
165	052	11:39:21	31						B- I	PLAT	POA								23348:1	19:001F	02-	052/00:00:3	35	1TB
166	052	11:39:21	31					AC7SPK	(1 1	12 1	114	1 2	15) EL	SLEV	W R=L	WO	AACS		23348:1	19:003F	02-	052/00:00:3	86	1ECa
167	052	11:41:59	31						B- S	SLEN	D								23348:2	22:234F	02-	052/00:03:1	.3	1TB
168	052	11:41:59	31					SLEWEND	AZ=2	299.	953	EL:	=110.0	58 C	0=113	.181			23348:2	22:234F	02-	052/00:03:1	.3	1T
169	052	12:00:00	31						VGF	R-31	OWL	T.	IS 11H	38M	45S									1L
170	052	12:00:00	32						VGF	R-32	OWL	T.	IS 09H	17M	23S									2L
171	052	13:04:29	31	60 SI	T				10 I	DEGR	EE S	SET	DSC-6	0										1V
172	052	15:10:00	32	43 A	OP	PCH	ACE		AOS	DSS	-43	P	ASS-89	76 (I	D/L O	NLY)								2DP
173	052	15:44:56	32	40RIS	E				10 I	DEGR	EE R	RIS	E DSC-	40										2V
174	052	15:45:00	31	14 I	OI	PCH	ACE		LOS	DSS	-14	P	ASS-89	60										1DP
175	052	16:28:46	31	40RIS	E				10 I	DEGR	EE R	RIS	E DSC-	40										1V
176	052	20:30:37	31	10 SI	т				10 I	DEGR	EE S	SET	DSC-1	0										1V
177	052	22:12:34	32					AC7SSB	(4 +	+159	) SS	В В	IAS CO	NTROI		YAW	AACS		17219:3	31:003F	02-	052/12:55:1	.1	2ECa

ITEM NO	TRM-OR		SC ID	DS	SN	ACT: BY>:		COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT
178	052 23:	:25:00	32	34	AO	ОРСН	ACE		AOS DSS-34 PASS-8976 (D/L ONLY)					2DP
179	052 23:	:39:20	31						B- UVSLEW			23363:19:001F	02-052/12:00:35	1TB
180	052 23:	:39:20	31						SLEW TO HELIO-3A			23363:19:001F	02-052/12:00:35	1T
181	052 23:	:39:20	31						B- PLATPOA			23363:19:001F	02-052/12:00:35	1TB
182	052 23:	:39:20	31					AC7SPK	(1 12 2 121 136) EL SLEW R=LOW	AACS		23363:19:003F	02-052/12:00:36	1ECa
183	052 23:	:41:15	31						B- SLEND			23363:21:318F	02-052/12:02:30	1TB
184	052 23:	:41:15	31					SLEWEND	AZ=299.953 EL=101.064 CO=104.246			23363:21:318F	02-052/12:02:30	1T
185	052 23:	:45:00	32	43	LO	ОРСН	ACE		LOS DSS-43 PASS-8976					2DP
186	053 00:	:00:00	31						VGR-31 OWLT IS 11H 38M 44S					1L
187	053 00:	:00:00	32						VGR-32 OWLT IS 09H 17M 22S					2L
188	053 01:	26:45	31	60R	ISE				10 DEGREE RISE DSC-60					1V
189	053 01:	:36:05	31	40	SET				10 DEGREE SET DSC-40					1V
190	053 02:	:40:00	31	65	AO	ОРСН	ACE		AOS DSS-65 PASS-8960 (D/L ONLY)					1DP
191	053 05:	:10:00	32	34	LO	ОРСН	ACE		LOS DSS-34 PASS-8976					2DP
192	053 07:	:37:07	32	40	SET				10 DEGREE SET DSC-40					2V
193	053 08:	:59:23	31	10R	ISE				10 DEGREE RISE DSC-10					1V
194	053 09:	:55:00	31	15	AO	ОРСН	ACE		AOS DSS-15 PASS-8961 (D/L ONLY)					1DP
195	053 10:	:10:00	31	65	LO	ОРСН	ACE		LOS DSS-65 PASS-8960					1DP
196	053 11:	:39:19	31						B- UVSLEW			23378:19:001F	02-053/00:00:35	1TB
197	053 11:	:39:19	31						SLEW TO HELIO-2A			23378:19:001F	02-053/00:00:35	1T
198	053 11:	:39:19	31						B- PLATPOA			23378:19:001F	02-053/00:00:35	1TB
199	053 11:	:39:19	31					AC7SPK	(1 12 1 128 138) EL SLEW R=LOW	AACS		23378:19:003F	02-053/00:00:36	1ECa
200	053 11:	:41:42	31						B- SLEND			23378:21:784F	02-053/00:02:58	1TB

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT
201	053 11:41:42	31			SLEWEND	AZ=299.953 EL=89.757 CO=93.017			23378:21:784F	02-053/00:02:58	1T
202	053 12:00:00	31				VGR-31 OWLT IS 11H 38M 43S					1L
203	053 12:00:00	32				VGR-32 OWLT IS 09H 17M 22S					2L
204	053 13:00:35	31	60 SET			10 DEGREE SET DSC-60					1V
205	053 15:41:02	32	40RISE			10 DEGREE RISE DSC-40					2V
206	053 16:05:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-8977 (D/L ONLY)					2DP
207	053 16:24:53	31	40RISE			10 DEGREE RISE DSC-40					1V
208	053 17:26:30	31			AC7SSB	(3 -008) SS BIAS CONTROL - PITCH	AACS		23385:33:003F	02-053/05:47:48	1ECa
209	053 19:40:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8961					1DP
210	053 20:26:43	31	10 SET			10 DEGREE SET DSC-10					1V
211	053 23:39:18	31				B- UVSLEW			23393:19:001F	02-053/12:00:35	1TB
212	053 23:39:18	31				SLEW TO HELIO-1A			23393:19:001F	02-053/12:00:35	1T
213	053 23:39:18	31				B- PLATPOA			23393:19:001F	02-053/12:00:35	1TB
214	053 23:39:18	31			AC7SPK	(1 12 1 135 216) EL SLEW R=LOW	AACS		23393:19:003F	02-053/12:00:36	1ECa
215	053 23:41:22	31				B- SLEND			23393:21:468F	02-053/12:02:39	1TB
216	053 23:41:22	31			SLEWEND	AZ=299.953 EL=80.049 CO=83.399			23393:21:468F	02-053/12:02:39	1T
217	053 23:42:30	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		23393:23:002F	02-053/12:03:48	1ECd
218	053 23:42:30	31				DTR STATUS	DTR		23393:23:002F	02-053/12:03:48	1ESd
						MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1445	=				
219	053 23:56:49	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		23393:40:717F	02-053/12:18:06	1ECd

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACT BY>		COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT
220	053 23:56:49	31					DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1755	DTR		23393:40:717F	02-053/12:18:06	1ESd
221	054 00:00:00	31					VGR-31 OWLT IS 11H 38M 42S					1L
222	054 00:00:00	32					VGR-32 OWLT IS 09H 17M 21S					2L
223	054 00:55:00	32	43 LO	ОРСН	ACE		LOS DSS-43 PASS-8977					2DP
224	054 01:22:49	31	60RISE				10 DEGREE RISE DSC-60					1V
225	054 01:32:09	31	40 SET				10 DEGREE SET DSC-40					1V
226	054 02:35:00	31	65 AO	ОРСН	ACE		AOS DSS-65 PASS-8961 (D/L ONLY)					1DP
227	054 02:39:54	31		ACE	OPCH		>>>>>> 5 MIN WARNING <>>>> CHG FOR FDS MODE OR FDS STATUS CHG					1ESf
228	054 02:39:54	31		ACE	OPCH		>>>>>> 5 MIN WARNING <>>>>> FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
229	054 02:40:42	31		ACE	OPCH		>>>>>> 5 MIN WARNING <>>>>> FOR FDS MODE OR FDS STATUS CHG					1ESf
230	054 02:40:42	31		ACE	OPCH		>>>>>> 5 MIN WARNING <>>>>> FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
231	054 02:42:30	31				CC16C	(7017) DTR STATE SELECT: READY	DTR		23397:08:002F	02-053/15:03:48	1ECd
232	054 02:42:30	31					DTR STATUS  MODE:RDY RATE:000.0K  DIR:F TRK:7 TIC:1755	DTR		23397:08:002F	02-053/15:03:48	1ESd
233	054 02:43:18	31					AHELI1 PWSREC 15			23397:09:001F	02-053/15:04:35	1T
234	054 02:43:18	31					B- PWSREC.31			23397:09:001F	02-053/15:04:35	1TB

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT
235	054 02:43:18	31				BEGIN PWSREC.31			23397:09:001F	02-053/15:04:35	1T
236	054 02:43:18	31			SC32AJ	(10) PLS CONFIG CMD	FDS		23397:09:009F	02-053/15:04:36	1ECf
237	054 02:44:06	31				B- DRGS4B			23397:10:001F	02-053/15:05:23	1TB
238	054 02:44:06	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND: N/A ENGINEERING FORMAT: CRUISE AACS READOUT MODE: TELEMETRY			23397:10:009F	02-053/15:05:24	1ECf
239	054 02:44:50	31				BEGIN RECORDING PWS DATA			23397:10:734F	02-053/15:06:07	1T
240	054 02:44:50	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		23397:10:735F	02-053/15:06:08	1ECd
241	054 02:44:50	31				DTR STATUS  MODE:REC RATE:115.2K  DIR:F TRK:7 TIC:1755	DTR		23397:10:735F	02-053/15:06:08	1ESd
242	054 02:44:54	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11> GS-4B NOT RECOVERABLE> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	23397:11:001F	02-053/15:06:11	1ESf
243	054 02:44:54	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		23397:11:002F	02-053/15:06:12	1ECs
244	054 02:44:55	31				B- DRCRUS			23397:11:018F	02-053/15:06:12	1TB
245	054 02:44:55	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND: N/A ENGINEERING FORMAT: CRUISE AACS READOUT MODE: TELEMETRY			23397:11:026F	02-053/15:06:13	1ECf

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT
246	054 02:45:42	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	23397:12:001F	02-053/15:06:59	1ESf
247	054 02:45:42	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		23397:12:002F	02-053/15:07:00	1ECd
248	054 02:45:42	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2047	DTR		23397:12:002F	02-053/15:07:00	1ESd
249	054 02:45:42	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		23397:12:002F	02-053/15:07:00	1ECs
250	054 02:46:30	31			SC32AJ	(11) PLS CONFIG CMD	FDS		23397:13:009F	02-053/15:07:48	1ECf
251	054 02:46:31	31				END PWSREC.31			23397:13:018F	02-053/15:07:48	1T
252	054 04:52:05	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		23399:50:002F	02-053/17:13:24	1ECd
253	054 04:52:05	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2054	DTR		23399:50:002F	02-053/17:13:24	1ESd
254	054 05:20:14	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		23400:25:160F	02-053/17:41:33	1ECd
255	054 05:20:14	31				DTR STATUS  MODE:RDY RATE:000.0K  DIR:R TRK:1 TIC:1445	DTR		23400:25:160F	02-053/17:41:33	1ESd
256	054 07:33:17	32	40 SET			10 DEGREE SET DSC-40					2V
257	054 07:52:05	31			CC16C	(7022) DTR STATE SELECT: READY	DTR		23403:35:002F	02-053/20:13:24	1ECd

ITEM NO	1	OR-ERT H:MM:SS	SC ID	DSN	ACT: BY>:		COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT
258	054 0	7:52:05	31					DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:2 TIC:1445	DTR		23403:35:002F	02-053/20:13:24	1ESd
259	054 08	8:40:00	31	65 LO	ОРСН	ACE		LOS DSS-65 PASS-8961					1DP
260	054 08	8:55:27	31	10RISE				10 DEGREE RISE DSC-10					1V
261	054 0	9:55:00	31	15 AO	ОРСН	ACE		AOS DSS-15 PASS-8962 (D/L ONLY)					1DP
262	054 1	2:00:00	31					VGR-31 OWLT IS 11H 38M 41S					1L
263	054 1	2:00:00	32					VGR-32 OWLT IS 09H 17M 20S					2L
264	054 1	2:39:17	31					B- UVSLEW			23409:34:001F	02-054/01:00:35	1TB
265	054 1	2:39:17	31					SLEW TO HELIO-20C			23409:34:001F	02-054/01:00:35	1T
266	054 1	2:39:17	31					B- PLATPOB			23409:34:001F	02-054/01:00:35	1TB
267	054 1	2:39:17	31				AC7SPK	(2 12 2 168 137) AZ SLEW R=LOW	AACS		23409:34:003F	02-054/01:00:36	1ECa
268	054 1	2:39:17	31				AC7SPK	(1 12 2 173 176) EL SLEW R=LOW	AACS		23409:34:005F	02-054/01:00:36	1ECa
269	054 1	2:56:41	31	60 SET				10 DEGREE SET DSC-60					1V
270	054 13	3:05:56	31					B- SLEND			23410:07:251F	02-054/01:27:14	1TB
271	054 13	3:05:56	31				SLEWEND	AZ=223.968 EL=25.026 CO=20.077			23410:07:251F	02-054/01:27:14	1T
272	054 1	5:37:09	32	40RISE				10 DEGREE RISE DSC-40					2V
273	054 1	6:20:59	31	40RISE				10 DEGREE RISE DSC-40					1V
274	054 18	8:45:00	32	34 AO	ОРСН	ACE		AOS DSS-34 PASS-8978 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
275	054 1	9:35:00	31	15 LO	ОРСН	ACE		LOS DSS-15 PASS-8962					1DP
276	054 2	0:22:49	31	10 SET				10 DEGREE SET DSC-10					1V
277	055 0	0:00:00	31					VGR-31 OWLT IS 11H 38M 40S					1L
278	055 0	0:00:00	32					VGR-32 OWLT IS 09H 17M 20S					2L

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DS	SN	ACT: BY>:		COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT
279	055 00:39:16	31						B- UVSLEW			23424:34:001F	02-054/13:00:35	1TB
280	055 00:39:16	31						SLEW TO HELIO-19C			23424:34:001F	02-054/13:00:35	1T
281	055 00:39:16	31						B- PLATPOA			23424:34:001F	02-054/13:00:35	1TB
282	055 00:39:16	31					AC7SPK	(1 12 1 157 028) EL SLEW R=LOW	AACS		23424:34:003F	02-054/13:00:36	1ECa
283	055 00:44:06	31						B- SLEND			23424:40:034F	02-054/13:05:25	1TB
284	055 00:44:06	31					SLEWEND	AZ=223.968 EL=47.988 CO=42.745			23424:40:034F	02-054/13:05:25	1T
285	055 01:18:53	31	60R	ISE				10 DEGREE RISE DSC-60					1V
286	055 01:28:12	31	40 \$	SET				10 DEGREE SET DSC-40					1V
287	055 03:20:00	31	54	AO	ОРСН	ACE		AOS DSS-54 PASS-8962 (D/L ONLY)					1DP
288	055 03:45:00	32	34	LO	ОРСН	ACE		LOS DSS-34 PASS-8978					2DP
289	055 07:15:00	31	65	AO	ОРСН	ACE		AOS DSS-65 PASS-8962 (D/L ONLY)					1DP
290	055 07:29:27	32	40 \$	SET				10 DEGREE SET DSC-40					2V
291	055 07:35:00	31	54	LO	ОРСН	ACE		LOS DSS-54 PASS-8962					1DP
292	055 08:51:31	31	10R	ISE				10 DEGREE RISE DSC-10					1V
293	055 11:50:00	31	15	AO	ОРСН	ACE		AOS DSS-15 PASS-8963 (D/L ONLY)					1DP
294	055 12:00:00	31						VGR-31 OWLT IS 11H 38M 39S					1L
295	055 12:00:00	32						VGR-32 OWLT IS 09H 17M 19S					2L
296	055 12:05:00	31	65	LO	ОРСН	ACE		LOS DSS-65 PASS-8962					1DP
297	055 12:39:15	31						B- UVSLEW			23439:34:001F	02-055/01:00:35	1TB
298	055 12:39:15	31						SLEW TO HELIO-18C			23439:34:001F	02-055/01:00:35	1T
299	055 12:39:15	31						B- PLATPOA			23439:34:001F	02-055/01:00:35	1TB
300	055 12:39:15	31					AC7SPK	(1 12 2 141 140) EL SLEW R=LOW	AACS		23439:34:003F	02-055/01:00:36	1ECa
301	055 12:44:00	31						B- SLEND			23439:39:751F	02-055/01:05:20	1TB

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT
302	055 12:44:00	31			SLEWEND	AZ=223.968 EL=70.985 CO=65.617			23439:39:751F	02-055/01:05:20	1T
303	055 12:52:48	31	60 SET			10 DEGREE SET DSC-60					1V
304	055 15:25:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-8979 (D/L ONLY)					2DP
305	055 15:33:16	32	40RISE			10 DEGREE RISE DSC-40					2V
306	055 16:17:05	31	40RISE			10 DEGREE RISE DSC-40					1V
307	055 18:51:14	31			AC7SSB	(4 +165) SS BIAS CONTROL YAW	AACS		23447:19:003F	02-055/07:12:36	1ECa
308	055 19:30:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-8963					1DP
309	055 20:18:55	31	10 SET			10 DEGREE SET DSC-10					1V
310	055 22:15:42	32			AC7SSB	(4 +158) SS BIAS CONTROL YAW	AACS		17309:35:003F	02-055/12:58:23	2ECa
311	055 23:35:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-8979					2DP
312	056 00:00:00	31				VGR-31 OWLT IS 11H 38M 38S					1L
313	056 00:00:00	32				VGR-32 OWLT IS 09H 17M 18S					2L