



FINAL FLIGHT SOE

S/C 31

SEQUENCE ID A060DB DATE OF RELEASE August 09, 2006

EXECUTION PERIOD 07/17/2006 to 10/16/2006 (06-198 to 06-289)

Distribution:
7/13/02
soe list (3)

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FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
1	198 22:53:32	31				INITIAL SPACECRAFT STATUS			06033:44:785F	06-198/09:09:23	1TI
2	198 22:53:32	31				RADIO STATUS			06033:44:785F	06-198/09:09:23	1TI
3	198 22:53:32	31			DC2AR	S-BAND RANGING OFF			06033:44:785F	06-198/09:09:23	1TI
4	198 22:53:32	31			DC2DR	S-BAND LO PWR			06033:44:785F	06-198/09:09:23	1TI
5	198 22:53:32	31			DC2HR	X-BAND LO PWR			06033:44:785F	06-198/09:09:23	1TI
6	198 22:53:32	31			DC2N	X-BAND RANGING ON			06033:44:785F	06-198/09:09:23	1TI
7	198 22:53:32	31			DC2P	2 WAY NON-COHERENT ON			06033:44:785F	06-198/09:09:23	1TI
8	198 22:53:32	31			DC2QR	USO OFF			06033:44:785F	06-198/09:09:23	1TI
9	198 22:53:32	31			CC2BRP	S-BAND EXC-2 SEL			06033:44:785F	06-198/09:09:23	1TI
10	198 22:53:32	31			CC2CRP	S-BAND TRANS-2 SEL			06033:44:785F	06-198/09:09:23	1TI
11	198 22:53:32	31			CC2FP	RCVR-1 SEL			06033:44:785F	06-198/09:09:23	1TI
12	198 22:53:32	31			CC2JP	X-BAND EXC-1 SEL			06033:44:785F	06-198/09:09:23	1TI
13	198 22:53:32	31			CC2GP	X-BAND ON			06033:44:785F	06-198/09:09:23	1TI
14	198 22:53:32	31			CC2KRP	S-BAND OFF			06033:44:785F	06-198/09:09:23	1TI
15	198 22:53:32	31			CC2LP	X-BAND TWTA-1 SEL			06033:44:785F	06-198/09:09:23	1TI
16	198 22:53:32	31			CC2MP	S-BAND EXC ON			06033:44:785F	06-198/09:09:23	1TI
17	198 22:53:32	31			DC2E	HGA SELECT			06033:44:785F	06-198/09:09:23	1TI
18	198 22:53:32	31			CC1T	BAY 1 HTR ON			06033:44:785F	06-198/09:09:23	1TI
19	198 22:53:32	31				MDS STATUS			06033:44:785F	06-198/09:09:23	1TI
20	198 22:53:32	31			CC3BP	TMU ON			06033:44:785F	06-198/09:09:23	1TI
21	198 22:53:32	31			CC3GP	TMU-A SEL			06033:44:785F	06-198/09:09:23	1TI
22	198 22:53:32	31			CC3HP	CDU-A SEL			06033:44:785F	06-198/09:09:23	1TI
23	198 22:53:32	31			CC3A	32310 X-BAND			06033:44:785F	06-198/09:09:23	1TI

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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
24	198 22:53:32	31			CC3A	28301 S-BAND			06033:44:785F	06-198/09:09:23	1TI
25	198 22:53:32	31				POWER STATUS			06033:44:785F	06-198/09:09:23	1TI
26	198 22:53:32	31			CC4A	UNDERVOLTAGE TRIP RESET			06033:44:785F	06-198/09:09:23	1TI
27	198 22:53:32	31			CC4K	RTG-1 DIODE BYPASS ON			06033:44:785F	06-198/09:09:23	1TI
28	198 22:53:32	31			CC4L	RTG-2 DIODE BYPASS ON			06033:44:785F	06-198/09:09:23	1TI
29	198 22:53:32	31			CC4M	RTG-3 DIODE BYPASS ON			06033:44:785F	06-198/09:09:23	1TI
30	198 22:53:32	31				CCS STATUS			06033:44:785F	06-198/09:09:23	1TI
31	198 22:53:32	31			DC5AR	CCS TOL DET ENABLE			06033:44:785F	06-198/09:09:23	1TI
32	198 22:53:32	31				FDS STATUS			06033:44:785F	06-198/09:09:23	1TI
33	198 22:53:32	31			CC6CP	FDS ON/ISS PWR ENABLE			06033:44:785F	06-198/09:09:23	1TI
34	198 22:53:32	31			CC6AA	1 SVC-W1			06033:44:785F	06-198/09:09:23	1TI
35	198 22:53:32	31			CC6AD	3200 SVC-W4			06033:44:785F	06-198/09:09:23	1TI
36	198 22:53:32	31			CC6AE	30011 SVC-W5			06033:44:785F	06-198/09:09:23	1TI
37	198 22:53:32	31			CC6AP	FDS PWR CONV A SEL			06033:44:785F	06-198/09:09:23	1TI
38	198 22:53:32	31			CC6AB	01000 SVC-W2			06033:44:785F	06-198/09:09:23	1TI
39	198 22:53:32	31			SC06BB	530070 FDS DATA MODE			06033:44:785F	06-198/09:09:23	1TI
40	198 22:53:32	31				AACS STATUS			06033:44:785F	06-198/09:09:23	1TI
41	198 22:53:32	31			AC7PCG	14 HYBIC 2 PWR ON			06033:44:785F	06-198/09:09:23	1TI
42	198 22:53:32	31			CC7ML	05 CST ON			06033:44:785F	06-198/09:09:23	1TI
43	198 22:53:32	31			AC7CTG	10 394 CST HI GATE			06033:44:785F	06-198/09:09:23	1TI
44	198 22:53:32	31			AC7CTG	11 442 CST LO GATE			06033:44:785F	06-198/09:09:23	1TI
45	198 22:53:32	31			AC7GYP	111 GYRO PATTERN			06033:44:785F	06-198/09:09:23	1TI
46	198 22:53:32	31			AC7PCG	52 GYRO A OFF			06033:44:785F	06-198/09:09:23	1TI

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47	198 22:53:32	31			AC7PCG	62 GYRO B OFF			06033:44:785F	06-198/09:09:23	1TI
48	198 22:53:32	31			AC7PCG	72 GYRO C OFF			06033:44:785F	06-198/09:09:23	1TI
49	198 22:53:32	31			AC7PAR	7530 000000 GYRO OFF NORM			06033:44:785F	06-198/09:09:23	1TI
50	198 22:53:32	31			AC7PAR	6740 000740 PITCH DEADBAND			06033:44:785F	06-198/09:09:23	1TI
51	198 22:53:32	31			AC7PAR	6741 001700 YAW DEADBAND			06033:44:785F	06-198/09:09:23	1TI
52	198 22:53:32	31			AC7PAR	6742 004540 ROLL DEADBAND			06033:44:785F	06-198/09:09:23	1TI
53	198 22:53:32	31			DEADBAND	DEAD BAND STATE: 05 10 25			06033:44:785F	06-198/09:09:23	1TI
54	198 22:53:32	31			CC7SS	1 AACS TO RAI			06033:44:785F	06-198/09:09:23	1TI
55	198 22:53:32	31			CC7CT	01 CST CONE ANGLE 1			06033:44:785F	06-198/09:09:23	1TI
56	198 22:53:32	31			AC7DDB	000480 DEAD BAND CONTROL			06033:44:785F	06-198/09:09:23	1TI
57	198 22:53:32	31			CC7AHRP	SS HTR A OFF			06033:44:785F	06-198/09:09:23	1TI
58	198 22:53:32	31			CC7BHP	SS HTR B ON			06033:44:785F	06-198/09:09:23	1TI
59	198 22:53:32	31			CC7ML	01 FDS CHAN A			06033:44:785F	06-198/09:09:23	1TI
60	198 22:53:32	31			CC7ML	09 TCAPU FAULT ENA			06033:44:785F	06-198/09:09:23	1TI
61	198 22:53:32	31			AC7PCG	61 AACS BAY 6 HTR A OFF			06033:44:785F	06-198/09:09:23	1TI
62	198 22:53:32	31			AC7PCG	71 AACS BAY 6 HTR B OFF			06033:44:785F	06-198/09:09:23	1TI
63	198 22:53:32	31			CC7MMRP	PROC/MEM 2 SELECT			06033:44:785F	06-198/09:09:23	1TI
64	198 22:53:32	31			CC7SHRP	AZ SCAN ACTUATOR HTR OFF			06033:44:785F	06-198/09:09:23	1TI
65	198 22:53:32	31			AC7PCG	22 CST SUN SHUTTER OFF			06033:44:785F	06-198/09:09:23	1TI
66	198 22:53:32	31			AC7PCG	10 ISO VALVE BRANCH 1 OFF			06033:44:785F	06-198/09:09:23	1TI
67	198 22:53:32	31			AC7PCG	20 ISO VALVE BRANCH 2 OFF			06033:44:785F	06-198/09:09:23	1TI
68	198 22:53:32	31			CC1PHP	SCAN PLAT SUPL HTR ON			06033:44:785F	06-198/09:09:23	1TI
69	198 22:53:32	31			CC77MRP	MAM OFF			06033:44:785F	06-198/09:09:23	1TI

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70	198 22:53:32	31			DC77PR	NON-PRIME FCP/MEM OFF			06033:44:785F	06-198/09:09:23	1TI
71	198 22:53:32	31			DC77XR	MAM COMMAND DISABLE			06033:44:785F	06-198/09:09:23	1TI
72	198 22:53:32	31				PYRO STATUS			06033:44:785F	06-198/09:09:23	1TI
73	198 22:53:32	31			CC8D	PSU INSTRUMENTATION ON			06033:44:785F	06-198/09:09:23	1TI
74	198 22:53:32	31			DC8XR	PYRO DISABLE			06033:44:785F	06-198/09:09:23	1TI
75	198 22:53:32	31				PROPULSION STATUS			06033:44:785F	06-198/09:09:23	1TI
76	198 22:53:32	31			CC10CRP	TCM HTR OFF			06033:44:785F	06-198/09:09:23	1TI
77	198 22:53:32	31			CC10DR	AP BR1 HTR OFF			06033:44:785F	06-198/09:09:23	1TI
78	198 22:53:32	31			CC10ER	AP BR2 HTR OFF			06033:44:785F	06-198/09:09:23	1TI
79	198 22:53:32	31			CC10TRP	TCM LINE HTRS OFF			06033:44:785F	06-198/09:09:23	1TI
80	198 22:53:32	31				DSS STATUS			06033:44:785F	06-198/09:09:23	1TI
81	198 22:53:32	31			CC16BR	DSS 10 W REPL HTR OFF			06033:44:785F	06-198/09:09:23	1TI
82	198 22:53:32	31			CC16AP	DSS ON			06033:44:785F	06-198/09:09:23	1TI
83	198 22:53:32	31			CC1DR	BAY 2 19 W HTR OFF			06033:44:785F	06-198/09:09:23	1TI
84	198 22:53:32	31			CC16C	7224 DSS CONTROL			06033:44:785F	06-198/09:09:23	1TI
85	198 22:53:32	31				SCIENCE PWR STATUS			06033:44:785F	06-198/09:09:23	1TI
86	198 22:53:32	31			CC1CR	MAG COIL OFF			06033:44:785F	06-198/09:09:23	1TI
87	198 22:53:32	31			CC21A	CRS ON			06033:44:785F	06-198/09:09:23	1TI
88	198 22:53:32	31			CC21B	CRS REPL HTR ON			06033:44:785F	06-198/09:09:23	1TI
89	198 22:53:32	31			CC21CR	CRS SUPP HTR OFF			06033:44:785F	06-198/09:09:23	1TI
90	198 22:53:32	31			CC22A	PRA ON			06033:44:785F	06-198/09:09:23	1TI
91	198 22:53:32	31			CC23A	PWS ON			06033:44:785F	06-198/09:09:23	1TI
92	198 22:53:32	31			CC25A	LECP ON			06033:44:785F	06-198/09:09:23	1TI

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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
93	198 22:53:32	31			CC25B	LECP STEPPER MOTOR ON			06033:44:785F	06-198/09:09:23	1TI
94	198 22:53:32	31			CC25CR	LECP REPL HTR OFF			06033:44:785F	06-198/09:09:23	1TI
95	198 22:53:32	31			CC25D	LECP MAIN SUPP HTR ON			06033:44:785F	06-198/09:09:23	1TI
96	198 22:53:32	31			CC25E	LECP LEPT SUPP HTR ON			06033:44:785F	06-198/09:09:23	1TI
97	198 22:53:32	31			CC27BR	PPS SUPP HTR OFF			06033:44:785F	06-198/09:09:23	1TI
98	198 22:53:32	31			CC32A	PLS ON			06033:44:785F	06-198/09:09:23	1TI
99	198 22:53:32	31			CC32BR	PLS SUPP HTR OFF			06033:44:785F	06-198/09:09:23	1TI
100	198 22:53:32	31			CC32C	PLS REPL HTR ON			06033:44:785F	06-198/09:09:23	1TI
101	198 22:53:32	31			CC34A	UVS ON			06033:44:785F	06-198/09:09:23	1TI
102	198 22:53:32	31			CC34B	UVS REPL HTR ON			06033:44:785F	06-198/09:09:23	1TI
103	198 22:53:32	31			CC35AR	MAG OFF			06033:44:785F	06-198/09:09:23	1TI
104	198 22:53:32	31			CC35B	MAG STANDBY ON			06033:44:785F	06-198/09:09:23	1TI
105	198 22:53:32	31			CC35GR	MAG SENSOR HTR OFF			06033:44:785F	06-198/09:09:23	1TI
106	198 22:53:32	31			CC36GR	ISS WA VID REPL HTR OFF			06033:44:785F	06-198/09:09:23	1TI
107	198 22:53:32	31			CC36HR	ISS WA ELEC REPL HTR OFF			06033:44:785F	06-198/09:09:23	1TI
108	198 22:53:32	31			CC36CRP	ISS NA OPTICS HTR OFF			06033:44:785F	06-198/09:09:23	1TI
109	198 22:53:32	31			CC36FRP	ISS NA VID REPL HTR OFF			06033:44:785F	06-198/09:09:23	1TI
110	198 22:53:32	31			CC36JP	ISS NA ELEC REPL HTR ON			06033:44:785F	06-198/09:09:23	1TI
111	198 22:53:32	31			CC39D	IRIS REPL HTR ON			06033:44:785F	06-198/09:09:23	1TI
112	198 22:53:32	31			CC39FR	IRIS STANDBY A SUPPLY OFF			06033:44:785F	06-198/09:09:23	1TI
113	198 22:53:32	31			CC39BR	IRIS STANDBY B SUPPLY OFF			06033:44:785F	06-198/09:09:23	1TI
114	198 22:53:32	31				SCIENCE INSTRUMENT STATUS			06033:44:785F	06-198/09:09:23	1TI
115	198 22:53:32	31			SC21AF	01000 CRS CMD WORD			06033:44:785F	06-198/09:09:23	1TI

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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
116	198 22:53:32	31			SC21AF	02000 CRS CMD WORD			06033:44:785F	06-198/09:09:23	1TI
117	198 22:53:32	31			SC21AF	03000 CRS CMD WORD			06033:44:785F	06-198/09:09:23	1TI
118	198 22:53:32	31			SC21AF	04000 CRS CMD WORD			06033:44:785F	06-198/09:09:23	1TI
119	198 22:53:32	31			SC21AF	05300 CRS CMD WORD			06033:44:785F	06-198/09:09:23	1TI
120	198 22:53:32	31			SC21AF	06000 CRS CMD WORD			06033:44:785F	06-198/09:09:23	1TI
121	198 22:53:32	31			SC21AF	07200 CRS CMD WORD			06033:44:785F	06-198/09:09:23	1TI
122	198 22:53:32	31			SC21AF	08200 CRS CMD WORD			06033:44:785F	06-198/09:09:23	1TI
123	198 22:53:32	31			SC21AF	10000 CRS CMD WORD			06033:44:785F	06-198/09:09:23	1TI
124	198 22:53:32	31			SC21AF	11000 CRS CMD WORD			06033:44:785F	06-198/09:09:23	1TI
125	198 22:53:32	31			SC21AF	12000 CRS CMD WORD			06033:44:785F	06-198/09:09:23	1TI
126	198 22:53:32	31			SC21AF	13012 CRS CMD WORD			06033:44:785F	06-198/09:09:23	1TI
127	198 22:53:32	31			SC21AG	CRS HV FLAG			06033:44:785F	06-198/09:09:23	1TI
128	198 22:53:32	31			SC21AH	CRS CAL-ST FLAG			06033:44:785F	06-198/09:09:23	1TI
129	198 22:53:32	31			SC22AF	1347 PRA CONFIGURATION CMD			06033:44:785F	06-198/09:09:23	1TI
130	198 22:53:32	31			SC22NU	0000 PRA MODE SELECT			06033:44:785F	06-198/09:09:23	1TI
131	198 22:53:32	31			SC23AD	5 PWS CMD WORD			06033:44:785F	06-198/09:09:23	1TI
132	198 22:53:32	31			SC25AH	1777 LECP CMD WORD			06033:44:785F	06-198/09:09:23	1TI
133	198 22:53:32	31			SC25AH	2417 LECP CMD WORD			06033:44:785F	06-198/09:09:23	1TI
134	198 22:53:32	31			SC25AH	5600 LECP CMD WORD			06033:44:785F	06-198/09:09:23	1TI
135	198 22:53:32	31			SC25AH	6032 LECP CMD WORD			06033:44:785F	06-198/09:09:23	1TI
136	198 22:53:32	31			SC25AJ	1 LECP MOTOR STEP CMD			06033:44:785F	06-198/09:09:23	1TI
137	198 22:53:32	31			SC25AN	0 LECP NEAR/FAR ENC			06033:44:785F	06-198/09:09:23	1TI
138	198 22:53:32	31			SC25AQ	5200 LECP SAFE CMD			06033:44:785F	06-198/09:09:23	1TI

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139	198 22:53:32	31			SC32AF	2 PLS E1 INT/AMP GAIN			06033:44:785F	06-198/09:09:23	1TI
140	198 22:53:32	31			SC32AG	2 PLS E2 INT/AMP GAIN			06033:44:785F	06-198/09:09:23	1TI
141	198 22:53:32	31			SC32AH	3 PLS M INT/AMP GAIN			06033:44:785F	06-198/09:09:23	1TI
142	198 22:53:32	31			SC32AJ	13 PLS CONFIG CMD			06033:44:785F	06-198/09:09:23	1TI
143	198 22:53:32	31			SC32AK	2 PLS L INT/AMP GAIN			06033:44:785F	06-198/09:09:23	1TI
144	198 22:53:32	31			SC32AL	216 PLS M START WORD 1			06033:44:785F	06-198/09:09:23	1TI
145	198 22:53:32	31			SC32AM	216 PLS M START WORD 2			06033:44:785F	06-198/09:09:23	1TI
146	198 22:53:32	31			SC32AN	2 PLS M MODE			06033:44:785F	06-198/09:09:23	1TI
147	198 22:53:32	31			SC32AP	3 PLS E1 SHRT			06033:44:785F	06-198/09:09:23	1TI
148	198 22:53:32	31			SC32AQ	3 PLS E2 SHRT			06033:44:785F	06-198/09:09:23	1TI
149	198 22:53:32	31			SC32AR	3 PLS L SHORT			06033:44:785F	06-198/09:09:23	1TI
150	198 22:53:32	31			SC32AS	2 PLS E1 LONG			06033:44:785F	06-198/09:09:23	1TI
151	198 22:53:32	31			SC32AT	2 PLS E2 LONG			06033:44:785F	06-198/09:09:23	1TI
152	198 22:53:32	31			SC32AU	2 PLS L LONG			06033:44:785F	06-198/09:09:23	1TI
153	198 22:53:32	31			SC34AE	13 UVS MODE/HV LEVEL			06033:44:785F	06-198/09:09:23	1TI
154	198 22:53:32	31			SC34AF	0 UVS READ OUT FLAG			06033:44:785F	06-198/09:09:23	1TI
155	198 22:53:32	31			SC35AI	030001 MAG HFM/EL FLIP/IFC/LFM			06033:44:785F	06-198/09:09:23	1TI
156	198 22:53:32	31			SC35AO	030001 MAG HFM/PRIME/IFC/LFM RAN			06033:44:785F	06-198/09:09:23	1TI
157	198 22:53:33	31				BEGIN SEQUENCE A060 -- LOCK STAR			06033:45:001F	06-198/09:09:23	1T
158	198 23:23:19	31	10RISE			10.2 DEGREE RISE DSC-10					1V
159	199 00:00:00	31				VGR-31 OWLT IS 13H 44M 09S					1L
160	199 02:58:06	31	60 SET			15.5 DEGREE SET DSC-60					1V
161	199 06:52:27	31	40RISE			10.2 DEGREE RISE DSC-40					1V

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
175	199 13:38:27	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	06052:11:001F	06-198/23:54:11	1ESf
176	199 13:38:27	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		06052:11:002F	06-198/23:54:11	1ECs
177	199 13:38:28	31				B- DRCRUS			06052:11:018F	06-198/23:54:12	1TB
178	199 13:38:28	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	FDS		06052:11:026F	06-198/23:54:13	1ECf
179	199 13:39:15	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	06052:12:001F	06-198/23:54:59	1ESf
180	199 13:39:15	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		06052:12:002F	06-198/23:54:59	1ECs
181	199 13:39:15	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		06052:12:002F	06-198/23:55:00	1ECd
182	199 13:39:15	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:1454	DTR		06052:12:002F	06-198/23:55:00	1ESd
183	199 13:40:03	31			SC32AJ	(13) PLS CONFIG CMD	FDS		06052:13:009F	06-198/23:55:48	1ECf
184	199 13:40:04	31				END PWSREC.31			06052:13:018F	06-198/23:55:48	1T
185	199 15:46:31	31	60RISE			10.2 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
215	200 08:50:35	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	06076:11:001F	06-199/19:06:11	1ESf
216	200 08:50:35	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		06076:11:002F	06-199/19:06:11	1ECs
217	200 08:50:36	31				END PMPCALLR			06076:11:018F	06-199/19:06:12	1T
218	200 10:47:53	31	10	SET		10.2 DEGREE SET DSC-10					1V
219	200 12:00:00	31				VGR-31 OWLT IS 13H 44M 24S					1L
220	200 15:42:34	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
221	200 15:49:44	31	40	SET		10.2 DEGREE SET DSC-40					1V
222	200 23:15:25	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
223	201 00:00:00	31				VGR-31 OWLT IS 13H 44M 29S					1L
224	201 02:50:13	31	60	SET		15.5 DEGREE SET DSC-60					1V
225	201 06:44:30	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
226	201 10:43:55	31	10	SET		10.2 DEGREE SET DSC-10					1V
227	201 12:00:00	31				VGR-31 OWLT IS 13H 44M 34S					1L
228	201 15:38:37	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
229	201 15:45:47	31	40	SET		10.2 DEGREE SET DSC-40					1V
230	201 21:27:37	31				B- MEMUPD			06121:57:001F	06-201/07:42:59	1TB
231	201 21:27:37	31				MEMUPD - PODATA CCSA - ECR 10460			06121:57:001F	06-201/07:42:59	1T
232	201 21:27:37	31				B- MEMUPD			06121:57:001F	06-201/07:42:59	1TB
233	201 21:27:37	31				MEMUPD - PODATA CCSB - ECR 10460			06121:57:001F	06-201/07:42:59	1T
234	201 21:28:25	31				B- PASS.2			06121:58:001F	06-201/07:43:47	1TB

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
262	202 19:38:59	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		06149:41:002F	06-202/05:54:12	1ECs
263	202 19:39:00	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	FDS		06149:41:026F	06-202/05:54:13	1ECf
264	202 19:39:47	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	06149:42:001F	06-202/05:54:59	1ESf
265	202 19:39:47	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		06149:42:002F	06-202/05:54:59	1ECs
266	202 19:39:47	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		06149:42:002F	06-202/05:55:00	1ECd
267	202 19:39:47	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2347	DTR		06149:42:002F	06-202/05:55:00	1ESd
268	202 19:40:35	31			SC32AJ	(13) PLS CONFIG CMD	FDS		06149:43:009F	06-202/05:55:48	1ECf
269	202 21:00:35	31				B- GYONAB.31			06151:23:001F	06-202/07:15:47	1TB
270	202 21:00:35	31				BEGIN GYONAB31			06151:23:001F	06-202/07:15:47	1T
271	202 21:00:35	31			AC7GYP	(000) DRIRU PATTERN CONTROL GYRO/AXIS=A/PITCH & YAW B/ROLL	AACS		06151:23:004F	06-202/07:15:48	1ECa
272	202 21:00:35	31			CC7GCRP	GYRO C OFF	PWR		06151:23:004F	06-202/07:15:48	1ECp

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
273	202 21:00:35	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS		06151:23:004F	06-202/07:15:48	1ESa
274	202 21:00:35	31			CC7GCRP	GYRO C OFF	PWR		06151:23:006F	06-202/07:15:48	1ECp
275	202 21:00:35	31			CC7PC	(372) GYRO C OFF	AACS		06151:23:008F	06-202/07:15:48	1ECa
276	202 21:00:35	31			CC7GBP	GYRO B ON	PWR		06151:23:009F	06-202/07:15:48	1ECp
277	202 21:00:35	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		06151:23:009F	06-202/07:15:48	1ESa
278	202 21:00:36	31			CC7GBP	GYRO B ON	PWR		06151:23:011F	06-202/07:15:48	1ECp
279	202 21:00:36	31			CC7PC	(363) GYRO B ON	AACS		06151:23:013F	06-202/07:15:48	1ECa
280	202 21:00:36	31			CC7GAP	GYRO A ON	PWR		06151:23:014F	06-202/07:15:48	1ECp
281	202 21:00:36	31				AACS STATUS MODE : CRU GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		06151:23:014F	06-202/07:15:48	1ESa
282	202 21:00:36	31			CC7GAP	GYRO A ON	PWR		06151:23:016F	06-202/07:15:48	1ECp
283	202 21:00:36	31			CC7PC	(353) GYRO A ON	AACS		06151:23:018F	06-202/07:15:48	1ECa
284	202 21:01:04	31				DRIRU INITIALIZATION			06151:23:484F	06-202/07:16:16	1T
285	202 21:01:05	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		06151:23:502F	06-202/07:16:18	1ECa
286	202 21:01:34	31				SET CALIB			06151:24:184F	06-202/07:16:46	1T
287	202 21:01:35	31			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		06151:24:204F	06-202/07:16:48	1ECa
288	202 21:10:34	31				START GYRO FAULT TEST			06151:35:384F	06-202/07:25:46	1T

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
289	202 21:10:35	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		06151:35:402F	06-202/07:25:48	1ECa
290	202 21:10:36	31				END GYONAB31			06151:35:418F	06-202/07:25:48	1T
291	202 21:46:11	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		06152:20:002F	06-202/08:01:24	1ECd
292	202 21:46:11	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2354	DTR		06152:20:002F	06-202/08:01:24	1ESd
293	202 22:28:10	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		06153:12:361F	06-202/08:43:21	1ECd
294	202 22:28:10	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1447	DTR		06153:12:361F	06-202/08:43:21	1ESd
295	202 23:07:31	31	10RISE			10.2 DEGREE RISE DSC-10					1V
296	203 00:00:00	31				VGR-31 OWLT IS 13H 44M 48S					1L
297	203 00:46:13	31			CC16C	(7024) DTR STATE SELECT: READY	DTR		06156:05:002F	06-202/11:01:24	1ECd
298	203 00:46:13	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:1447	DTR		06156:05:002F	06-202/11:01:24	1ESd
299	203 02:42:19	31	60 SET			15.5 DEGREE SET DSC-60					1V
300	203 06:36:34	31	40RISE			10.2 DEGREE RISE DSC-40					1V
301	203 10:35:59	31	10 SET			10.2 DEGREE SET DSC-10					1V
302	203 12:00:00	31				VGR-31 OWLT IS 13H 44M 53S					1L
303	203 15:30:44	31	60RISE			10.2 DEGREE RISE DSC-60					1V
304	203 15:37:54	31	40 SET			10.2 DEGREE SET DSC-40					1V
305	203 16:01:32	31				AHELII1 PWSREC 16			06175:09:018F	06-203/02:16:36	1T

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
306	203 16:01:32	31				B- PWSREC.31			06175:09:018F	06-203/02:16:36	1TB
307	203 16:01:32	31				BEGIN PWSREC.31			06175:09:018F	06-203/02:16:36	1T
308	203 16:02:20	31				B- DRGS4B			06175:10:018F	06-203/02:17:24	1TB
309	203 16:03:04	31				BEGIN RECORDING PWS DATA			06175:10:751F	06-203/02:18:08	1T
310	203 16:03:09	31				B- DRCRUS			06175:11:034F	06-203/02:18:13	1TB
311	203 16:04:45	31				END PWSREC.31			06175:13:034F	06-203/02:19:49	1T
312	203 23:03:34	31	10RISE			10.2 DEGREE RISE DSC-10					1V
313	204 00:00:00	31				VGR-31 OWLT IS 13H 44M 58S					1L
314	204 02:38:23	31	60 SET			15.5 DEGREE SET DSC-60					1V
315	204 06:32:36	31	40RISE			10.2 DEGREE RISE DSC-40					1V
316	204 10:32:01	31	10 SET			10.2 DEGREE SET DSC-10					1V
317	204 12:00:00	31				VGR-31 OWLT IS 13H 45M 03S					1L
318	204 15:26:47	31	60RISE			10.2 DEGREE RISE DSC-60					1V
319	204 15:33:57	31	40 SET			10.2 DEGREE SET DSC-40					1V
320	204 21:00:55	31				B- MISCMD			06211:23:001F	06-204/07:15:47	1TB
321	204 21:00:55	31				MISCMD - GYRO INIT			06211:23:001F	06-204/07:15:47	1T
322	204 21:00:55	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		06211:23:002F	06-204/07:15:48	1ECa
323	204 22:59:37	31	10RISE			10.2 DEGREE RISE DSC-10					1V
324	205 00:00:00	31				VGR-31 OWLT IS 13H 45M 08S					1L
325	205 02:34:26	31	60 SET			15.5 DEGREE SET DSC-60					1V
326	205 06:28:38	31	40RISE			10.2 DEGREE RISE DSC-40					1V
327	205 10:28:03	31	10 SET			10.2 DEGREE SET DSC-10					1V
328	205 12:00:00	31				VGR-31 OWLT IS 13H 45M 13S					1L

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
360	206 13:15:37	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	FDS		06261:41:026F	06-205/23:30:13	1ECf
361	206 13:16:24	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	06261:42:001F	06-205/23:30:59	1ESf
362	206 13:16:24	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		06261:42:002F	06-205/23:30:59	1ECs
363	206 13:16:24	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		06261:42:002F	06-205/23:31:00	1ECd
364	206 13:16:24	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:1155	DTR		06261:42:002F	06-205/23:31:00	1ESd
365	206 13:17:12	31			SC32AJ	(13) PLS CONFIG CMD	FDS		06261:43:009F	06-205/23:31:48	1ECf
366	206 13:17:13	31				END PWSREC.31			06261:43:018F	06-205/23:31:48	1T
367	206 15:18:53	31	60RISE			10.2 DEGREE RISE DSC-60					1V
368	206 15:26:04	31	40 SET			10.2 DEGREE SET DSC-40					1V
369	206 19:45:00	31	54 AOS	OPCH ACE		AOS DSS-54 PASS-0579 (D/L ONLY)					1DP
370	206 19:45:00	31				CFG CODES					1DP
371	206 21:01:15	31				B- MISCMD			06271:23:001F	06-206/07:15:47	1TB
372	206 21:01:15	31				MISCMD - GYRO INIT			06271:23:001F	06-206/07:15:47	1T
373	206 21:01:15	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		06271:23:002F	06-206/07:15:48	1ECa
374	206 21:55:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0579 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
375	206 21:55:00	31				CFG CODES					1DP
376	206 22:00:00	31	54 LOS	OPCH ACE		LOS DSS-54 PASS-0579					1DP
377	206 22:51:43	31	10RISE			10.2 DEGREE RISE DSC-10					1V
378	207 00:00:00	31				VGR-31 OWLT IS 13H 45M 29S					1L
379	207 01:35:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0579					1DP
380	207 02:26:35	31	60 SET			15.4 DEGREE SET DSC-60					1V
381	207 02:28:30	31			AC7SSB	(3 +008) SS BIAS CONTROL - PITCH	AACS		06278:12:003F	06-206/12:43:00	1ECa
382	207 03:55:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0580 (D/L ONLY)					1DP
383	207 03:55:00	31				CFG CODES					1DP
384	207 06:20:42	31	40RISE			10.2 DEGREE RISE DSC-40					1V
385	207 09:30:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-0580 (D/L ONLY)					1DP
386	207 09:30:00	31				CFG CODES					1DP
387	207 09:40:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0580					1DP
388	207 10:20:07	31	10 SET			10.2 DEGREE SET DSC-10					1V
389	207 12:00:00	31				VGR-31 OWLT IS 13H 45M 34S					1L
390	207 14:05:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-0580					1DP
391	207 15:14:57	31	60RISE			10.2 DEGREE RISE DSC-60					1V
392	207 15:22:07	31	40 SET			10.2 DEGREE SET DSC-40					1V
393	207 20:55:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0580 (D/L ONLY)					1DP
394	207 20:55:00	31				CFG CODES					1DP
395	207 22:47:47	31	10RISE			10.2 DEGREE RISE DSC-10					1V

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
396	208 00:00:00	31				VGR-31 OWLT IS 13H 45M 39S					1L
397	208 01:15:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0580					1DP
398	208 01:30:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-0581 (D/L ONLY)					1DP
399	208 01:30:00	31				CFG CODES					1DP
400	208 02:22:38	31	60 SET			15.4 DEGREE SET DSC-60					1V
401	208 06:16:44	31	40RISE			10.2 DEGREE RISE DSC-40					1V
402	208 08:45:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-0581					1DP
403	208 10:16:09	31	10 SET			10.2 DEGREE SET DSC-10					1V
404	208 12:00:00	31				VGR-31 OWLT IS 13H 45M 44S					1L
405	208 15:11:00	31	60RISE			10.2 DEGREE RISE DSC-60					1V
406	208 15:18:10	31	40 SET			10.2 DEGREE SET DSC-40					1V
407	208 18:00:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0581 (D/L ONLY)					1DP
408	208 18:00:00	31				CFG CODES					1DP
409	208 21:01:36	31				B- MISCMD			06331:23:001F	06-208/07:15:47	1TB
410	208 21:01:36	31				MISCMD - GYRO INIT			06331:23:001F	06-208/07:15:47	1T
411	208 21:01:36	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		06331:23:002F	06-208/07:15:48	1ECa
412	208 22:43:50	31	10RISE			10.2 DEGREE RISE DSC-10					1V
413	209 00:00:00	31				VGR-31 OWLT IS 13H 45M 49S					1L
414	209 01:25:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0581					1DP
415	209 01:30:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0582 (D/L ONLY)					1DP
416	209 01:30:00	31				CFG CODES					1DP
417	209 02:18:42	31	60 SET			15.4 DEGREE SET DSC-60					1V

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
433	209 19:13:46	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2354	DTR		06359:08:002F	06-209/05:27:48	1ESd
434	209 19:14:34	31			SC32AJ	(10) PLS CONFIG CMD	FDS		06359:09:009F	06-209/05:28:36	1ECf
435	209 19:15:22	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		06359:10:009F	06-209/05:29:24	1ECf
436	209 19:16:06	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		06359:10:735F	06-209/05:30:08	1ECd
437	209 19:16:06	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:2354	DTR		06359:10:735F	06-209/05:30:08	1ESd
438	209 19:16:10	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	06359:11:001F	06-209/05:30:11	1ESf
439	209 19:16:10	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		06359:11:002F	06-209/05:30:12	1ECs
440	209 19:16:11	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	FDS		06359:11:026F	06-209/05:30:13	1ECf
441	209 19:16:58	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	06359:12:001F	06-209/05:30:59	1ESf

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
442	209 19:16:58	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		06359:12:002F	06-209/05:31:00	1ECs
443	209 19:16:58	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		06359:12:002F	06-209/05:31:00	1ECd
444	209 19:16:58	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2646	DTR		06359:12:002F	06-209/05:31:00	1ESd
445	209 19:17:46	31			SC32AJ	(13) PLS CONFIG CMD	FDS		06359:13:009F	06-209/05:31:48	1ECf
446	209 20:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0582 (D/L ONLY)					1DP
447	209 20:45:00	31				CFG CODES					1DP
448	209 21:23:22	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		06361:50:002F	06-209/07:37:24	1ECd
449	209 21:23:22	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2653	DTR		06361:50:002F	06-209/07:37:24	1ESd
450	209 22:33:02	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		06363:17:046F	06-209/08:47:02	1ECd
451	209 22:33:02	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1148	DTR		06363:17:046F	06-209/08:47:02	1ESd
452	209 22:39:53	31	10RISE			10.2 DEGREE RISE DSC-10					1V
453	210 00:00:00	31				VGR-31 OWLT IS 13H 46M 00S					1L
454	210 00:23:24	31			CC16C	(7024) DTR STATE SELECT: READY	DTR		06365:35:002F	06-209/10:37:24	1ECd

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
455	210 00:23:24	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:1148	DTR		06365:35:002F	06-209/10:37:24	1ESd
456	210 01:25:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0582					1DP
457	210 01:30:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-0583 (D/L ONLY)					1DP
458	210 01:30:00	31				CFG CODES					1DP
459	210 02:14:45	31	60 SET			15.4 DEGREE SET DSC-60					1V
460	210 02:22:37	31				B- GAIN.31			06368:04:001F	06-209/12:36:35	1TB
461	210 02:22:37	31				BEGIN GAIN31			06368:04:001F	06-209/12:36:35	1T
462	210 02:22:37	31				B- GYONAB.31			06368:04:001F	06-209/12:36:35	1TB
463	210 02:22:37	31				BEGIN GYONAB31			06368:04:001F	06-209/12:36:35	1T
464	210 02:22:37	31			AC7GYP	(000) DRIRU PATTERN CONTROL GYRO/AXIS=A/PITCH & YAW B/ROLL	AACS		06368:04:004F	06-209/12:36:36	1ECa
465	210 02:22:37	31			CC7GCRP	GYRO C OFF	PWR		06368:04:005F	06-209/12:36:36	1ECp
466	210 02:22:37	31			CC7GCRP	GYRO C OFF	PWR		06368:04:007F	06-209/12:36:36	1ECp
467	210 02:22:37	31			CC7PC	(372) GYRO C OFF	AACS		06368:04:009F	06-209/12:36:36	1ECa
468	210 02:23:06	31				DRIRU INITIALIZATION			06368:04:484F	06-209/12:37:04	1T
469	210 02:23:07	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		06368:04:502F	06-209/12:37:06	1ECa
470	210 02:23:36	31				SET CALIB			06368:05:184F	06-209/12:37:34	1T
471	210 02:23:37	31			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		06368:05:204F	06-209/12:37:36	1ECa
472	210 02:32:36	31				START GYRO FAULT TEST			06368:16:384F	06-209/12:46:34	1T
473	210 02:32:37	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		06368:16:402F	06-209/12:46:36	1ECa
474	210 02:32:38	31				END GYONAB31			06368:16:418F	06-209/12:46:36	1T

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
475	210 02:35:25	31				B- MISCMD			06368:20:001F	06-209/12:49:23	1TB
476	210 02:35:25	31				MISCMD - STOP GYRO FAULT TEST			06368:20:001F	06-209/12:49:23	1T
477	210 02:35:25	31			CC7GY	(5) DRIRU FAULT TEST STOP	AACS		06368:20:002F	06-209/12:49:24	1ECa
478	210 02:38:37	31				B- GYONBC.31			06368:24:001F	06-209/12:52:35	1TB
479	210 02:38:37	31				BEGIN GYONBC31			06368:24:001F	06-209/12:52:35	1T
480	210 02:38:37	31			AC7GYP	(111) DRIRU PATTERN CONTROL GYRO/AXIS=B/PITCH C/YAW & ROLL	AACS		06368:24:003F	06-209/12:52:36	1ECa
481	210 02:38:37	31			CC7GARP	GYRO A OFF	PWR		06368:24:004F	06-209/12:52:36	1ECp
482	210 02:38:37	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		06368:24:004F	06-209/12:52:36	1ESa
483	210 02:38:37	31			CC7GARP	GYRO A OFF	PWR		06368:24:006F	06-209/12:52:36	1ECp
484	210 02:38:37	31			CC7PC	(352) GYRO A OFF	AACS		06368:24:008F	06-209/12:52:36	1ECa
485	210 02:38:37	31			CC7GCP	GYRO C ON	PWR		06368:24:009F	06-209/12:52:36	1ECp
486	210 02:38:37	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		06368:24:009F	06-209/12:52:36	1ESa
487	210 02:38:38	31			CC7GCP	GYRO C ON	PWR		06368:24:011F	06-209/12:52:36	1ECp
488	210 02:38:38	31			CC7PC	(373) GYRO C ON	AACS		06368:24:013F	06-209/12:52:36	1ECa
489	210 02:39:06	31				DRIRU INITIALIZATION			06368:24:484F	06-209/12:53:04	1T
490	210 02:39:07	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		06368:24:502F	06-209/12:53:06	1ECa
491	210 02:39:36	31				SET CALIB			06368:25:184F	06-209/12:53:34	1T
492	210 02:39:37	31			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		06368:25:204F	06-209/12:53:36	1ECa

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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
493	210 02:48:36	31				START GYRO FAULT TEST			06368:36:384F	06-209/13:02:34	1T
494	210 02:48:37	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		06368:36:402F	06-209/13:02:36	1ECa
495	210 02:48:38	31				END GYONBC31			06368:36:418F	06-209/13:02:36	1T
496	210 03:22:37	31				B- CCSTIMB			06369:19:001F	06-209/13:36:35	1TB
497	210 03:22:37	31				EXECUTE CCSTIMB FINE			06369:19:001F	06-209/13:36:35	1T
498	210 06:08:47	31	40RISE			10.2 DEGREE RISE DSC-40					1V
499	210 08:35:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-0583					1DP
500	210 10:08:13	31	10 SET			10.2 DEGREE SET DSC-10					1V
501	210 11:30:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-0583 (D/L ONLY)					1DP
502	210 11:30:00	31				CFG CODES					1DP
503	210 12:00:00	31				VGR-31 OWLT IS 13H 46M 05S					1L
504	210 14:00:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-0583					1DP
505	210 15:03:07	31	60RISE			10.2 DEGREE RISE DSC-60					1V
506	210 15:10:17	31	40 SET			10.2 DEGREE SET DSC-40					1V
507	210 15:38:43	31				AHELII1 PWSREC 17			06384:39:018F	06-210/01:52:36	1T
508	210 15:38:43	31				B- PWSREC.31			06384:39:018F	06-210/01:52:36	1TB
509	210 15:38:43	31				BEGIN PWSREC.31			06384:39:018F	06-210/01:52:36	1T
510	210 15:39:31	31				B- DRGS4B			06384:40:018F	06-210/01:53:24	1TB
511	210 15:40:15	31				BEGIN RECORDING PWS DATA			06384:40:751F	06-210/01:54:08	1T
512	210 15:40:20	31				B- DRCRUS			06384:41:034F	06-210/01:54:13	1TB
513	210 15:41:56	31				END PWSREC.31			06384:43:034F	06-210/01:55:49	1T
514	210 22:35:57	31	10RISE			10.2 DEGREE RISE DSC-10					1V
515	211 00:00:00	31				VGR-31 OWLT IS 13H 46M 10S					1L

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
516	211 00:55:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-0584 (D/L ONLY)					1DP
517	211 00:55:00	31				CFG CODES					1DP
518	211 01:24:23	31			AC7SSB	(4 +140) SS BIAS CONTROL --- YAW	AACS		06396:51:003F	06-210/11:38:12	1ECa
519	211 02:10:48	31	60 SET			15.4 DEGREE SET DSC-60					1V
520	211 06:04:49	31	40RISE			10.2 DEGREE RISE DSC-40					1V
521	211 08:30:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-0584					1DP
522	211 09:35:00	31	43 AOS	OPCH ACE		AOS DSS-43 PASS-0584 (D/L ONLY)					1DP
523	211 09:35:00	31				CFG CODES					1DP
524	211 10:04:15	31	10 SET			10.2 DEGREE SET DSC-10					1V
525	211 11:05:00	31	43 LOS	OPCH ACE		LOS DSS-43 PASS-0584					1DP
526	211 12:00:00	31				VGR-31 OWLT IS 13H 46M 15S					1L
527	211 14:59:11	31	60RISE			10.2 DEGREE RISE DSC-60					1V
528	211 15:06:21	31	40 SET			10.2 DEGREE SET DSC-40					1V
529	211 22:32:00	31	10RISE			10.2 DEGREE RISE DSC-10					1V
530	211 22:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0584 (D/L ONLY)					1DP
531	211 22:45:00	31				CFG CODES					1DP
532	212 00:00:00	31				VGR-31 OWLT IS 13H 46M 21S					1L
533	212 01:20:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0584					1DP
534	212 01:45:00	31	24 AOS	OPCH ACE		AOS DSS-24 PASS-0585 (D/L ONLY)					1DP
535	212 01:45:00	31				CFG CODES					1DP
536	212 02:06:54	31	60 SET			15.4 DEGREE SET DSC-60					1V

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
575	213 12:52:01	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		06471:10:009F	06-212/23:05:24	1ECf
576	213 12:52:45	31				BEGIN RECORDING PWS DATA			06471:10:734F	06-212/23:06:07	1T
577	213 12:52:45	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		06471:10:735F	06-212/23:06:08	1ECd
578	213 12:52:45	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:4 TIC:1148	DTR		06471:10:735F	06-212/23:06:08	1ESd
579	213 12:52:49	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	06471:11:001F	06-212/23:06:11	1ESf
580	213 12:52:49	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		06471:11:002F	06-212/23:06:12	1ECs
581	213 12:52:50	31				B- DRCRUS			06471:11:018F	06-212/23:06:12	1TB
582	213 12:52:50	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	FDS		06471:11:026F	06-212/23:06:13	1ECf
583	213 12:53:37	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	06471:12:001F	06-212/23:06:59	1ESf
584	213 12:53:37	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		06471:12:002F	06-212/23:07:00	1ECd

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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
585	213 12:53:37	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:0856	DTR		06471:12:002F	06-212/23:07:00	1ESd
586	213 12:53:37	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		06471:12:002F	06-212/23:07:00	1ECs
587	213 12:54:25	31			SC32AJ	(13) PLS CONFIG CMD	FDS		06471:13:010F	06-212/23:07:48	1ECF
588	213 12:54:26	31				END PWSREC.31			06471:13:018F	06-212/23:07:48	1T
589	213 14:51:18	31	60RISE			10.2 DEGREE RISE DSC-60					1V
590	213 14:58:28	31	40 SET			10.2 DEGREE SET DSC-40					1V
591	213 19:15:00	31	54 AOS	OPCH ACE		AOS DSS-54 PASS-0586 (D/L ONLY)					1DP
592	213 19:15:00	31				CFG CODES					1DP
593	213 22:05:00	31	54 LOS	OPCH ACE		LOS DSS-54 PASS-0586					1DP
594	213 22:24:07	31	10RISE			10.2 DEGREE RISE DSC-10					1V
595	214 00:00:00	31				VGR-31 OWLT IS 13H 46M 42S					1L
596	214 01:59:00	31	60 SET			15.4 DEGREE SET DSC-60					1V
597	214 03:23:19	31				DRIRU INITIALIZATION			06489:19:001F	06-213/13:36:35	1T
598	214 03:23:19	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		06489:19:001F	06-213/13:36:35	1ECa
599	214 03:30:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0587 (D/L ONLY)					1DP
600	214 03:30:00	31				CFG CODES					1DP
601	214 03:44:08	31				START HGA POINTING TEST			06489:45:001F	06-213/13:57:23	1T
602	214 03:44:56	31				B- MISCMD			06489:46:001F	06-213/13:58:11	1TB
603	214 03:44:56	31				MISCMD - ALL AXES .05 DEG			06489:46:001F	06-213/13:58:11	1T

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
617	214 04:16:08	31			CC7PC	(352) GYRO A OFF	AACS		06490:25:008F	06-213/14:29:24	1ECa
618	214 04:16:08	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		06490:25:008F	06-213/14:29:24	1ECp
619	214 04:16:09	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		06490:25:010F	06-213/14:29:24	1ECp
620	214 04:16:09	31			CC7PC	(312) DUMMY PWR CMD	AACS		06490:25:012F	06-213/14:29:24	1ECa
621	214 04:16:56	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		06490:26:004F	06-213/14:30:12	1ECa
622	214 04:20:56	31			AC7PAR	(7015 764220) PARAMETER LOAD	AACS		06490:31:004F	06-213/14:34:12	1ECa
623	214 04:28:56	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		06490:41:004F	06-213/14:42:12	1ECa
624	214 04:32:56	31			AC7PAR	(7015 000000) PARAMETER LOAD	AACS		06490:46:004F	06-213/14:46:12	1ECa
625	214 04:33:44	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		06490:47:004F	06-213/14:47:00	1ECa
626	214 04:37:44	31			AC7PAR	(7014 764220) PARAMETER LOAD	AACS		06490:52:004F	06-213/14:51:00	1ECa
627	214 04:45:44	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		06491:02:004F	06-213/14:59:00	1ECa
628	214 04:49:44	31			AC7PAR	(7014 000000) PARAMETER LOAD	AACS		06491:07:004F	06-213/15:03:00	1ECa
629	214 04:51:20	31			CC7SS	(1) SS SEARCH ENABLE	AACS		06491:09:002F	06-213/15:04:36	1ECa
630	214 04:51:20	31					AACS		06491:09:002F	06-213/15:04:36	1ESa
						AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON					
631	214 04:51:20	31			CC7PC	(327) IDET ACQUIRED	AACS		06491:09:003F	06-213/15:04:36	1ECa
632	214 04:51:20	31			CC7GARP	GYRO A OFF	PWR		06491:09:003F	06-213/15:04:36	1ECp
633	214 04:51:20	31			CC7GARP	GYRO A OFF	PWR		06491:09:005F	06-213/15:04:36	1ECp
634	214 04:51:20	31			CC7PC	(352) GYRO A OFF	AACS		06491:09:008F	06-213/15:04:36	1ECa
635	214 04:51:20	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		06491:09:008F	06-213/15:04:36	1ECp
636	214 04:51:21	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		06491:09:010F	06-213/15:04:36	1ECp
637	214 04:51:21	31			CC7PC	(312) DUMMY PWR CMD	AACS		06491:09:012F	06-213/15:04:36	1ECa

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
638	214 04:52:56	31				END TEST 1			06491:11:001F	06-213/15:06:11	1T
639	214 04:52:56	31			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		06491:11:002F	06-213/15:06:12	1ECa
640	214 04:54:01	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		06491:12:285F	06-213/15:07:17	1ESa
641	214 04:54:01	31			CC7PC	(307) STAR ACQUIRED	AACS		06491:12:286F	06-213/15:07:17	1ECa
642	214 04:54:01	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		06491:12:286F	06-213/15:07:17	1ECp
643	214 04:54:01	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		06491:12:289F	06-213/15:07:17	1ECp
644	214 04:54:01	31			CC7PC	(312) DUMMY PWR CMD	AACS		06491:12:291F	06-213/15:07:17	1ECa
645	214 05:05:44	31				START TEST 2			06491:27:001F	06-213/15:18:59	1T
646	214 05:05:44	31			AC7SSB	(3 +008) SS BIAS CONTROL - PITCH	AACS		06491:27:003F	06-213/15:19:00	1ECa
647	214 05:16:08	31			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		06491:40:003F	06-213/15:29:24	1ECa
648	214 05:16:08	31				AACS STATUS MODE : AAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		06491:40:003F	06-213/15:29:24	1ESa
649	214 05:16:08	31			CC7GARP	GYRO A OFF	PWR		06491:40:003F	06-213/15:29:24	1ECp
650	214 05:16:08	31			CC7GARP	GYRO A OFF	PWR		06491:40:006F	06-213/15:29:24	1ECp
651	214 05:16:08	31			CC7PC	(352) GYRO A OFF	AACS		06491:40:008F	06-213/15:29:24	1ECa
652	214 05:16:08	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		06491:40:008F	06-213/15:29:24	1ECp
653	214 05:16:09	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		06491:40:010F	06-213/15:29:24	1ECp
654	214 05:16:09	31			CC7PC	(312) DUMMY PWR CMD	AACS		06491:40:012F	06-213/15:29:24	1ECa
655	214 05:16:56	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		06491:41:004F	06-213/15:30:12	1ECa

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
656	214 05:20:56	31			AC7PAR	(7015 764220) PARAMETER LOAD	AACS		06491:46:004F	06-213/15:34:12	1ECa
657	214 05:28:56	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		06491:56:004F	06-213/15:42:12	1ECa
658	214 05:32:56	31			AC7PAR	(7015 000000) PARAMETER LOAD	AACS		06492:01:004F	06-213/15:46:12	1ECa
659	214 05:33:44	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		06492:02:004F	06-213/15:47:00	1ECa
660	214 05:37:44	31			AC7PAR	(7014 764220) PARAMETER LOAD	AACS		06492:07:004F	06-213/15:51:00	1ECa
661	214 05:45:45	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		06492:17:004F	06-213/15:59:00	1ECa
662	214 05:49:45	31			AC7PAR	(7014 000000) PARAMETER LOAD	AACS		06492:22:004F	06-213/16:03:00	1ECa
663	214 05:51:21	31			CC7SS	(1) SS SEARCH ENABLE	AACS		06492:24:002F	06-213/16:04:36	1ECa
664	214 05:51:21	31				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS	06492:24:002F	06-213/16:04:36	1ESa	
665	214 05:51:21	31			CC7PC	(327) IDET ACQUIRED	AACS		06492:24:003F	06-213/16:04:36	1ECa
666	214 05:51:21	31			CC7GARP	GYRO A OFF	PWR		06492:24:003F	06-213/16:04:36	1ECp
667	214 05:51:21	31			CC7GARP	GYRO A OFF	PWR		06492:24:005F	06-213/16:04:36	1ECp
668	214 05:51:21	31			CC7PC	(352) GYRO A OFF	AACS		06492:24:008F	06-213/16:04:36	1ECa
669	214 05:51:21	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		06492:24:008F	06-213/16:04:36	1ECp
670	214 05:51:21	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		06492:24:010F	06-213/16:04:36	1ECp
671	214 05:51:22	31			CC7PC	(312) DUMMY PWR CMD	AACS		06492:24:012F	06-213/16:04:36	1ECa
672	214 05:52:55	31	40RISE			10.2 DEGREE RISE DSC-40					1V
673	214 05:52:57	31				END TEST 2			06492:26:001F	06-213/16:06:11	1T
674	214 05:52:57	31			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		06492:26:002F	06-213/16:06:12	1ECa

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
675	214 05:54:02	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		06492:27:285F	06-213/16:07:17	1ESa
676	214 05:54:02	31			CC7PC	(307) STAR ACQUIRED	AACS		06492:27:286F	06-213/16:07:17	1ECa
677	214 05:54:02	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		06492:27:286F	06-213/16:07:17	1ECp
678	214 05:54:02	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		06492:27:288F	06-213/16:07:17	1ECp
679	214 05:54:02	31			CC7PC	(312) DUMMY PWR CMD	AACS		06492:27:291F	06-213/16:07:17	1ECa
680	214 06:05:45	31				START TEST 3			06492:42:001F	06-213/16:18:59	1T
681	214 06:05:45	31			AC7SSB	(3 +009) SS BIAS CONTROL - PITCH	AACS		06492:42:003F	06-213/16:19:00	1ECa
682	214 06:16:09	31			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		06492:55:003F	06-213/16:29:24	1ECa
683	214 06:16:09	31				AACS STATUS MODE : AAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		06492:55:003F	06-213/16:29:24	1ESa
684	214 06:16:09	31			CC7GARP	GYRO A OFF	PWR		06492:55:003F	06-213/16:29:24	1ECp
685	214 06:16:09	31			CC7GARP	GYRO A OFF	PWR		06492:55:006F	06-213/16:29:24	1ECp
686	214 06:16:09	31			CC7PC	(352) GYRO A OFF	AACS		06492:55:008F	06-213/16:29:24	1ECa
687	214 06:16:09	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		06492:55:008F	06-213/16:29:24	1ECp
688	214 06:16:10	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		06492:55:010F	06-213/16:29:24	1ECp
689	214 06:16:10	31			CC7PC	(312) DUMMY PWR CMD	AACS		06492:55:012F	06-213/16:29:24	1ECa
690	214 06:16:57	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		06492:56:004F	06-213/16:30:12	1ECa
691	214 06:20:57	31			AC7PAR	(7015 764220) PARAMETER LOAD	AACS		06493:01:004F	06-213/16:34:12	1ECa
692	214 06:28:57	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		06493:11:004F	06-213/16:42:12	1ECa

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
693	214 06:32:57	31			AC7PAR	(7015 000000) PARAMETER LOAD	AACS		06493:16:004F	06-213/16:46:12	1ECa
694	214 06:33:45	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		06493:17:004F	06-213/16:47:00	1ECa
695	214 06:37:45	31			AC7PAR	(7014 764220) PARAMETER LOAD	AACS		06493:22:004F	06-213/16:51:00	1ECa
696	214 06:45:45	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		06493:32:004F	06-213/16:59:00	1ECa
697	214 06:49:45	31			AC7PAR	(7014 000000) PARAMETER LOAD	AACS		06493:37:004F	06-213/17:03:00	1ECa
698	214 06:51:21	31			CC7SS	(1) SS SEARCH ENABLE	AACS		06493:39:002F	06-213/17:04:36	1ECa
699	214 06:51:21	31				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS	06493:39:002F	06-213/17:04:36	1ESa	
700	214 06:51:21	31			CC7PC	(327) IDET ACQUIRED	AACS		06493:39:003F	06-213/17:04:36	1ECa
701	214 06:51:21	31			CC7GARP	GYRO A OFF	PWR		06493:39:003F	06-213/17:04:36	1ECp
702	214 06:51:21	31			CC7GARP	GYRO A OFF	PWR		06493:39:005F	06-213/17:04:36	1ECp
703	214 06:51:21	31			CC7PC	(352) GYRO A OFF	AACS		06493:39:008F	06-213/17:04:36	1ECa
704	214 06:51:21	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		06493:39:008F	06-213/17:04:36	1ECp
705	214 06:51:22	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		06493:39:010F	06-213/17:04:36	1ECp
706	214 06:51:22	31			CC7PC	(312) DUMMY PWR CMD	AACS		06493:39:012F	06-213/17:04:36	1ECa
707	214 06:52:57	31				END TEST 3			06493:41:001F	06-213/17:06:11	1T
708	214 06:52:57	31			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		06493:41:002F	06-213/17:06:12	1ECa
709	214 06:54:02	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS	06493:42:285F	06-213/17:07:17	1ESa	
710	214 06:54:02	31			CC7PC	(307) STAR ACQUIRED	AACS		06493:42:286F	06-213/17:07:17	1ECa

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
711	214 06:54:02	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		06493:42:286F	06-213/17:07:17	1ECp
712	214 06:54:02	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		06493:42:289F	06-213/17:07:17	1ECp
713	214 06:54:02	31			CC7PC	(312) DUMMY PWR CMD	AACS		06493:42:291F	06-213/17:07:17	1ECa
714	214 07:05:45	31				START TEST 4			06493:57:001F	06-213/17:18:59	1T
715	214 07:05:45	31			AC7SSB	(3 +010) SS BIAS CONTROL - PITCH	AACS		06493:57:003F	06-213/17:19:00	1ECa
716	214 07:16:09	31			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		06494:10:003F	06-213/17:29:24	1ECa
717	214 07:16:09	31				AACS STATUS MODE : AAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		06494:10:003F	06-213/17:29:24	1ESa
718	214 07:16:09	31			CC7GARP	GYRO A OFF	PWR		06494:10:003F	06-213/17:29:24	1ECp
719	214 07:16:09	31			CC7GARP	GYRO A OFF	PWR		06494:10:006F	06-213/17:29:24	1ECp
720	214 07:16:09	31			CC7PC	(352) GYRO A OFF	AACS		06494:10:008F	06-213/17:29:24	1ECa
721	214 07:16:09	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		06494:10:008F	06-213/17:29:24	1ECp
722	214 07:16:10	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		06494:10:010F	06-213/17:29:24	1ECp
723	214 07:16:10	31			CC7PC	(312) DUMMY PWR CMD	AACS		06494:10:012F	06-213/17:29:24	1ECa
724	214 07:16:57	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		06494:11:004F	06-213/17:30:12	1ECa
725	214 07:20:57	31			AC7PAR	(7015 764220) PARAMETER LOAD	AACS		06494:16:004F	06-213/17:34:12	1ECa
726	214 07:28:57	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		06494:26:004F	06-213/17:42:12	1ECa
727	214 07:32:57	31			AC7PAR	(7015 000000) PARAMETER LOAD	AACS		06494:31:004F	06-213/17:46:12	1ECa
728	214 07:33:45	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		06494:32:004F	06-213/17:47:00	1ECa
729	214 07:37:45	31			AC7PAR	(7014 764220) PARAMETER LOAD	AACS		06494:37:004F	06-213/17:51:00	1ECa
730	214 07:45:45	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		06494:47:004F	06-213/17:59:00	1ECa
731	214 07:49:45	31			AC7PAR	(7014 000000) PARAMETER LOAD	AACS		06494:52:004F	06-213/18:03:00	1ECa

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
732	214 07:51:21	31			CC7SS	(1) SS SEARCH ENABLE	AACS		06494:54:002F	06-213/18:04:36	1ECa
733	214 07:51:21	31				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		06494:54:002F	06-213/18:04:36	1ESa
734	214 07:51:21	31			CC7PC	(327) IDET ACQUIRED	AACS		06494:54:003F	06-213/18:04:36	1ECa
735	214 07:51:21	31			CC7GARP	GYRO A OFF	PWR		06494:54:003F	06-213/18:04:36	1ECp
736	214 07:51:21	31			CC7GARP	GYRO A OFF	PWR		06494:54:005F	06-213/18:04:36	1ECp
737	214 07:51:21	31			CC7PC	(352) GYRO A OFF	AACS		06494:54:008F	06-213/18:04:36	1ECa
738	214 07:51:21	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		06494:54:008F	06-213/18:04:36	1ECp
739	214 07:51:21	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		06494:54:010F	06-213/18:04:36	1ECp
740	214 07:51:22	31			CC7PC	(312) DUMMY PWR CMD	AACS		06494:54:012F	06-213/18:04:36	1ECa
741	214 07:52:57	31				END TEST 4			06494:56:001F	06-213/18:06:11	1T
742	214 07:52:57	31			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		06494:56:002F	06-213/18:06:12	1ECa
743	214 07:54:02	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		06494:57:285F	06-213/18:07:17	1ESa
744	214 07:54:02	31			CC7PC	(307) STAR ACQUIRED	AACS		06494:57:286F	06-213/18:07:17	1ECa
745	214 07:54:02	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		06494:57:286F	06-213/18:07:17	1ECp
746	214 07:54:02	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		06494:57:288F	06-213/18:07:17	1ECp
747	214 07:54:02	31			CC7PC	(312) DUMMY PWR CMD	AACS		06494:57:291F	06-213/18:07:17	1ECa
748	214 08:05:46	31				START TEST 5			06495:12:001F	06-213/18:18:59	1T
749	214 08:05:46	31			AC7SSB	(3 +011) SS BIAS CONTROL - PITCH	AACS		06495:12:003F	06-213/18:19:00	1ECa

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
750	214 08:16:10	31			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		06495:25:003F	06-213/18:29:24	1ECa
751	214 08:16:10	31				AACS STATUS MODE : AAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS	06495:25:003F	06-213/18:29:24	1ESa	
752	214 08:16:10	31			CC7GARP	GYRO A OFF	PWR		06495:25:003F	06-213/18:29:24	1ECp
753	214 08:16:10	31			CC7GARP	GYRO A OFF	PWR		06495:25:006F	06-213/18:29:24	1ECp
754	214 08:16:10	31			CC7PC	(352) GYRO A OFF	AACS		06495:25:008F	06-213/18:29:24	1ECa
755	214 08:16:10	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		06495:25:008F	06-213/18:29:24	1ECp
756	214 08:16:11	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		06495:25:010F	06-213/18:29:24	1ECp
757	214 08:16:11	31			CC7PC	(312) DUMMY PWR CMD	AACS		06495:25:012F	06-213/18:29:24	1ECa
758	214 08:16:58	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		06495:26:004F	06-213/18:30:12	1ECa
759	214 08:20:58	31			AC7PAR	(7015 764220) PARAMETER LOAD	AACS		06495:31:004F	06-213/18:34:12	1ECa
760	214 08:28:58	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		06495:41:004F	06-213/18:42:12	1ECa
761	214 08:32:58	31			AC7PAR	(7015 000000) PARAMETER LOAD	AACS		06495:46:004F	06-213/18:46:12	1ECa
762	214 08:33:46	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		06495:47:004F	06-213/18:47:00	1ECa
763	214 08:37:46	31			AC7PAR	(7014 764220) PARAMETER LOAD	AACS		06495:52:004F	06-213/18:51:00	1ECa
764	214 08:45:46	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		06496:02:004F	06-213/18:59:00	1ECa
765	214 08:49:46	31			AC7PAR	(7014 000000) PARAMETER LOAD	AACS		06496:07:004F	06-213/19:03:00	1ECa
766	214 08:51:22	31			CC7SS	(1) SS SEARCH ENABLE	AACS		06496:09:002F	06-213/19:04:36	1ECa
767	214 08:51:22	31				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS	06496:09:002F	06-213/19:04:36	1ESa	

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
787	214 09:44:58	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	FDS		06497:16:009F	06-213/19:58:12	1ECf
788	214 09:45:46	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	06497:17:001F	06-213/19:58:59	1ESf
789	214 09:45:46	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		06497:17:002F	06-213/19:59:00	1ECs
790	214 09:52:22	31	10 SET			10.2 DEGREE SET DSC-10					1V
791	214 09:55:22	31				B- YAW10			06497:29:001F	06-213/20:08:35	1TB
792	214 09:55:22	31				YAW10			06497:29:001F	06-213/20:08:35	1T
793	214 09:55:22	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		06497:29:004F	06-213/20:08:36	1ECa
794	214 09:56:10	31				B- ROLL25			06497:30:001F	06-213/20:09:23	1TB
795	214 09:56:10	31				ROLL25			06497:30:001F	06-213/20:09:23	1T
796	214 09:56:10	31			AC7PAR	(6742 004540) +ROLL DB=.25 DEG	AACS		06497:30:004F	06-213/20:09:24	1ECa
797	214 09:57:46	31				END HGA POINTING TEST			06497:32:001F	06-213/20:10:59	1T
798	214 10:05:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0587					1DP
799	214 12:00:00	31				VGR-31 OWLT IS 13H 46M 47S					1L
800	214 14:47:21	31	60RISE			10.2 DEGREE RISE DSC-60					1V
801	214 14:54:32	31	40 SET			10.2 DEGREE SET DSC-40					1V
802	214 18:55:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0587 (D/L ONLY)					1DP
803	214 18:55:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
852	216 18:53:25	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	FDS		06568:41:026F	06-216/05:06:13	1ECf
853	216 18:54:12	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	06568:42:001F	06-216/05:06:59	1ESf
854	216 18:54:12	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		06568:42:002F	06-216/05:07:00	1ECd
855	216 18:54:12	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2945	DTR		06568:42:002F	06-216/05:07:00	1ESd
856	216 18:54:12	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		06568:42:002F	06-216/05:07:00	1ECs
857	216 18:55:00	31			SC32AJ	(13) PLS CONFIG CMD	FDS		06568:43:009F	06-216/05:07:48	1ECf
858	216 20:35:00	31	65 AOS	OPCH	ACE	AOS DSS-65 PASS-0589 (D/L ONLY)					1DP
859	216 20:35:00	31				CFG CODES					1DP
860	216 21:00:37	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		06571:20:002F	06-216/07:13:24	1ECd
861	216 21:00:37	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2952	DTR		06571:20:002F	06-216/07:13:24	1ESd
862	216 22:12:18	31	10RISE			10.2 DEGREE RISE DSC-10					1V
863	216 22:37:57	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		06573:21:527F	06-216/08:50:43	1ECd

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
893	217 08:05:07	31			SC32AJ	(10) PLS CONFIG CMD	FDS		06585:10:426F	06-216/18:17:49	1ECf
894	217 08:38:38	31			SC32AJ	(11) PLS CONFIG CMD	FDS		06585:52:342F	06-216/18:51:20	1ECf
895	217 09:13:43	31			CC7PC	(345) CMDED TURN COMPLETE	AACS		06586:36:200F	06-216/19:26:23	1ECa
896	217 09:15:00	31				ROLL TURN COMPLETE (NOMINAL)			06586:37:684F	06-216/19:27:40	1T
897	217 09:15:56	31			SC32AJ	(13) PLS CONFIG CMD	FDS		06586:39:026F	06-216/19:28:37	1ECf
898	217 09:24:56	31				RESET CALIB			06586:50:218F	06-216/19:37:36	1T
899	217 09:24:56	31			AC7PAR	(7530 000000) PARAMETER LOAD	AACS		06586:50:220F	06-216/19:37:37	1ECa
900	217 09:25:26	31			CC7SS	(1) SS SEARCH ENABLE	AACS		06586:50:719F	06-216/19:38:07	1ECa
901	217 09:25:26	31				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS	06586:50:719F	06-216/19:38:07	1ESa	
902	217 09:25:26	31			CC7PC	(327) IDET ACQUIRED	AACS		06586:50:719F	06-216/19:38:07	1ECa
903	217 09:25:26	31			CC7GARP	GYRO A OFF	PWR		06586:50:720F	06-216/19:38:07	1ECp
904	217 09:25:26	31			CC7GARP	GYRO A OFF	PWR		06586:50:722F	06-216/19:38:07	1ECp
905	217 09:25:26	31			CC7PC	(352) GYRO A OFF	AACS		06586:50:724F	06-216/19:38:07	1ECa
906	217 09:25:26	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		06586:50:725F	06-216/19:38:07	1ECp
907	217 09:25:26	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		06586:50:727F	06-216/19:38:07	1ECp
908	217 09:25:27	31			CC7PC	(312) DUMMY PWR CMD	AACS		06586:50:729F	06-216/19:38:07	1ECa
909	217 09:31:26	31			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		06586:58:319F	06-216/19:44:07	1ECa
910	217 09:32:31	31				GYROS OFF			06586:59:601F	06-216/19:45:11	1T

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
911	217 09:32:31	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		06586:59:602F	06-216/19:45:12	1ESa
912	217 09:32:31	31			CC7PC	(307) STAR ACQUIRED	AACS		06586:59:602F	06-216/19:45:12	1ECa
913	217 09:32:31	31			CC7GCRP	GYRO C OFF	PWR		06586:59:603F	06-216/19:45:12	1ECp
914	217 09:32:31	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		06586:59:603F	06-216/19:45:12	1ESa
915	217 09:32:31	31			CC7GCRP	GYRO C OFF	PWR		06586:59:605F	06-216/19:45:12	1ECp
916	217 09:32:31	31			CC7PC	(372) GYRO C OFF	AACS		06586:59:607F	06-216/19:45:12	1ECa
917	217 09:32:31	31			CC7GBRP	GYRO B OFF	PWR		06586:59:608F	06-216/19:45:12	1ECp
918	217 09:32:31	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS		06586:59:608F	06-216/19:45:12	1ESa
919	217 09:32:31	31			CC7GBRP	GYRO B OFF	PWR		06586:59:610F	06-216/19:45:12	1ECp
920	217 09:32:32	31			CC7PC	(362) GYRO B OFF	AACS		06586:59:612F	06-216/19:45:12	1ECa
921	217 09:32:32	31			CC7GARP	GYRO A OFF	PWR		06586:59:613F	06-216/19:45:12	1ECp
922	217 09:32:32	31			CC7GARP	GYRO A OFF	PWR		06586:59:615F	06-216/19:45:12	1ECp
923	217 09:32:32	31			CC7PC	(352) GYRO A OFF	AACS		06586:59:617F	06-216/19:45:12	1ECa
924	217 09:32:32	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		06586:59:617F	06-216/19:45:12	1ECp
925	217 09:32:32	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		06586:59:619F	06-216/19:45:13	1ECp
926	217 09:32:32	31			CC7PC	(312) DUMMY PWR CMD	AACS		06586:59:622F	06-216/19:45:13	1ECa

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
943	217 15:15:58	31				AHELI1 PWSREC 18			06594:09:018F	06-217/01:28:36	1T
944	217 15:15:58	31				B- PWSREC.31			06594:09:018F	06-217/01:28:36	1TB
945	217 15:15:58	31				BEGIN PWSREC.31			06594:09:018F	06-217/01:28:36	1T
946	217 15:16:46	31				B- DRGS4B			06594:10:018F	06-217/01:29:24	1TB
947	217 15:17:30	31				BEGIN RECORDING PWS DATA			06594:10:751F	06-217/01:30:08	1T
948	217 15:17:35	31				B- DRCRUS			06594:11:034F	06-217/01:30:13	1TB
949	217 15:19:11	31				END PWSREC.31			06594:13:034F	06-217/01:31:49	1T
950	217 22:08:21	31	10RISE			10.2 DEGREE RISE DSC-10					1V
951	217 22:15:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0590 (D/L ONLY)					1DP
952	217 22:15:00	31				CFG CODES					1DP
953	218 00:00:00	31				VGR-31 OWLT IS 13H 47M 25S					1L
954	218 00:35:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0591 (D/L ONLY)					1DP
955	218 00:35:00	31				CFG CODES					1DP
956	218 00:55:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0590					1DP
957	218 01:43:18	31	60 SET			15.4 DEGREE SET DSC-60					1V
958	218 05:37:04	31	40RISE			10.2 DEGREE RISE DSC-40					1V
959	218 08:40:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0591					1DP
960	218 09:36:30	31	10 SET			10.2 DEGREE SET DSC-10					1V
961	218 12:00:00	31				VGR-31 OWLT IS 13H 47M 31S					1L
962	218 14:31:37	31	60RISE			10.2 DEGREE RISE DSC-60					1V
963	218 14:38:47	31	40 SET			10.2 DEGREE SET DSC-40					1V
964	218 17:05:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0591 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
965	218 17:05:00	31				CFG CODES					1DP
966	218 22:04:25	31	10RISE			10.2 DEGREE RISE DSC-10					1V
967	219 00:00:00	31				VGR-31 OWLT IS 13H 47M 36S					1L
968	219 00:50:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0591					1DP
969	219 01:00:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0592 (D/L ONLY)					1DP
970	219 01:00:00	31				CFG CODES					1DP
971	219 01:39:21	31	60 SET			15.4 DEGREE SET DSC-60					1V
972	219 04:00:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0592 (D/L ONLY)					1DP
973	219 04:00:00	31				CFG CODES					1DP
974	219 05:33:06	31	40RISE			10.2 DEGREE RISE DSC-40					1V
975	219 08:00:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0592					1DP
976	219 08:50:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0592					1DP
977	219 09:32:33	31	10 SET			10.2 DEGREE SET DSC-10					1V
978	219 12:00:00	31				VGR-31 OWLT IS 13H 47M 42S					1L
979	219 14:27:41	31	60RISE			10.2 DEGREE RISE DSC-60					1V
980	219 14:34:51	31	40 SET			10.2 DEGREE SET DSC-40					1V
981	219 20:25:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0592 (D/L ONLY)					1DP
982	219 20:25:00	31				CFG CODES					1DP
983	219 22:00:29	31	10RISE			10.2 DEGREE RISE DSC-10					1V
984	220 00:00:00	31				VGR-31 OWLT IS 13H 47M 47S					1L
985	220 00:40:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0592					1DP

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
1003	220 12:30:01	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:4 TIC:0849	DTR		06680:40:735F	06-219/22:42:08	1ESd
1004	220 12:30:05	31		ACE	OPCH	FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	06680:41:001F	06-219/22:42:11	1ESf
1005	220 12:30:05	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		06680:41:002F	06-219/22:42:12	1ECs
1006	220 12:30:06	31				B- DRCRUS			06680:41:018F	06-219/22:42:12	1TB
1007	220 12:30:06	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	FDS		06680:41:026F	06-219/22:42:13	1ECf
1008	220 12:30:53	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	06680:42:001F	06-219/22:42:59	1ESf
1009	220 12:30:53	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		06680:42:002F	06-219/22:43:00	1ECd
1010	220 12:30:53	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:0557	DTR		06680:42:002F	06-219/22:43:00	1ESd
1011	220 12:30:53	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		06680:42:002F	06-219/22:43:00	1ECs

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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
1012	220 12:31:41	31			SC32AJ	(13) PLS CONFIG CMD	FDS		06680:43:010F	06-219/22:43:48	1ECf
1013	220 12:31:42	31				END PWSREC.31			06680:43:018F	06-219/22:43:48	1T
1014	220 14:23:44	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1015	220 14:30:55	31	40 SET			10.2 DEGREE SET DSC-40					1V
1016	220 20:15:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0593 (D/L ONLY)					1DP
1017	220 20:15:00	31				CFG CODES					1DP
1018	220 21:56:33	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1019	221 00:00:00	31				VGR-31 OWLT IS 13H 47M 58S					1L
1020	221 00:30:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0593					1DP
1021	221 01:00:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0594 (D/L ONLY)					1DP
1022	221 01:00:00	31				CFG CODES					1DP
1023	221 01:31:30	31	60 SET			15.4 DEGREE SET DSC-60					1V
1024	221 05:25:10	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1025	221 07:45:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0594					1DP
1026	221 09:24:37	31	10 SET			10.2 DEGREE SET DSC-10					1V
1027	221 12:00:00	31				VGR-31 OWLT IS 13H 48M 04S					1L
1028	221 14:19:48	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1029	221 14:26:59	31	40 SET			10.2 DEGREE SET DSC-40					1V
1030	221 20:20:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0594 (D/L ONLY)					1DP
1031	221 20:20:00	31				CFG CODES					1DP
1032	221 21:52:37	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1033	222 00:00:00	31				VGR-31 OWLT IS 13H 48M 10S					1L

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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
1034	222 00:30:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0594					1DP
1035	222 01:27:36	31	60 SET			15.3 DEGREE SET DSC-60					1V
1036	222 02:15:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0595 (D/L ONLY)					1DP
1037	222 02:15:00	31				CFG CODES					1DP
1038	222 05:21:12	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1039	222 08:35:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0595					1DP
1040	222 09:20:40	31	10 SET			10.2 DEGREE SET DSC-10					1V
1041	222 12:00:00	31				VGR-31 OWLT IS 13H 48M 15S					1L
1042	222 14:07:16	31			AC7SSB	(3 +011) SS BIAS CONTROL - PITCH	AACS		06742:42:003F	06-222/00:19:00	1ECa
1043	222 14:15:52	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1044	222 14:23:03	31	40 SET			10.2 DEGREE SET DSC-40					1V
1045	222 20:20:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0595 (D/L ONLY)					1DP
1046	222 20:20:00	31				CFG CODES					1DP
1047	222 21:48:41	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1048	223 00:00:00	31				VGR-31 OWLT IS 13H 48M 21S					1L
1049	223 00:25:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0595					1DP
1050	223 00:45:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0596 (D/L ONLY)					1DP
1051	223 00:45:00	31				CFG CODES					1DP
1052	223 01:23:39	31	60 SET			15.3 DEGREE SET DSC-60					1V
1053	223 05:17:15	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1054	223 07:30:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0596 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
1070	223 18:28:17	31			CC16C	(7017) DTR STATE SELECT: READY	DTR		06778:08:002F	06-223/04:39:48	1ECd
1071	223 18:28:17	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2952	DTR		06778:08:002F	06-223/04:39:48	1ESd
1072	223 18:29:05	31			SC32AJ	(10) PLS CONFIG CMD	FDS		06778:09:009F	06-223/04:40:36	1ECf
1073	223 18:29:53	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		06778:10:009F	06-223/04:41:24	1ECf
1074	223 18:30:38	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		06778:10:735F	06-223/04:42:08	1ECd
1075	223 18:30:38	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:2952	DTR		06778:10:735F	06-223/04:42:08	1ESd
1076	223 18:30:42	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	06778:11:001F	06-223/04:42:11	1ESf
1077	223 18:30:42	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		06778:11:002F	06-223/04:42:12	1ECs
1078	223 18:30:43	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	FDS		06778:11:026F	06-223/04:42:13	1ECf

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
1079	223 18:31:30	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	06778:12:001F	06-223/04:42:59	1ESf
1080	223 18:31:30	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		06778:12:002F	06-223/04:43:00	1ECd
1081	223 18:31:30	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:3244	DTR		06778:12:002F	06-223/04:43:00	1ESd
1082	223 18:31:30	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		06778:12:002F	06-223/04:43:00	1ECs
1083	223 18:32:18	31			SC32AJ	(13) PLS CONFIG CMD	FDS		06778:13:009F	06-223/04:43:48	1ECf
1084	223 20:15:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0596 (D/L ONLY)					1DP
1085	223 20:15:00	31				CFG CODES					1DP
1086	223 20:37:54	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		06780:50:002F	06-223/06:49:24	1ECd
1087	223 20:37:54	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3251	DTR		06780:50:002F	06-223/06:49:24	1ESd
1088	223 21:44:44	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1089	223 22:42:56	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		06783:26:211F	06-223/08:54:24	1ECd
1090	223 22:42:56	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:0550	DTR		06783:26:211F	06-223/08:54:24	1ESd
1091	223 23:37:56	31			CC16C	(7024) DTR STATE SELECT: READY	DTR		06784:35:002F	06-223/09:49:24	1ECd

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
1092	223 23:37:56	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:0550	DTR		06784:35:002F	06-223/09:49:24	1ESd
1093	224 00:00:00	31				VGR-31 OWLT IS 13H 48M 32S					1L
1094	224 00:25:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0596					1DP
1095	224 01:19:45	31	60 SET			15.3 DEGREE SET DSC-60					1V
1096	224 03:35:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0597 (D/L ONLY)					1DP
1097	224 03:35:00	31				CFG CODES					1DP
1098	224 05:13:17	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1099	224 08:30:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0597					1DP
1100	224 09:12:45	31	10 SET			10.2 DEGREE SET DSC-10					1V
1101	224 12:00:00	31				VGR-31 OWLT IS 13H 48M 38S					1L
1102	224 14:08:01	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1103	224 14:15:11	31	40 SET			10.2 DEGREE SET DSC-40					1V
1104	224 14:53:16	31				AHELII1 PWSREC 19			06803:39:018F	06-224/01:04:36	1T
1105	224 14:53:16	31				B- PWSREC.31			06803:39:018F	06-224/01:04:36	1TB
1106	224 14:53:16	31				BEGIN PWSREC.31			06803:39:018F	06-224/01:04:36	1T
1107	224 14:54:04	31				B- DRGS4B			06803:40:018F	06-224/01:05:24	1TB
1108	224 14:54:48	31				BEGIN RECORDING PWS DATA			06803:40:751F	06-224/01:06:08	1T
1109	224 14:54:53	31				B- DRCRUS			06803:41:034F	06-224/01:06:13	1TB
1110	224 14:56:29	31				END PWSREC.31			06803:43:034F	06-224/01:07:49	1T
1111	224 21:40:48	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1112	224 22:05:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0597 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
1113	224 22:05:00	31				CFG CODES					1DP
1114	225 00:00:00	31				VGR-31 OWLT IS 13H 48M 43S					1L
1115	225 00:25:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0597					1DP
1116	225 00:25:00	31	24 AOS	OPCH ACE		AOS DSS-24 PASS-0598 (D/L ONLY)					1DP
1117	225 00:25:00	31				CFG CODES					1DP
1118	225 01:15:48	31	60 SET			15.3 DEGREE SET DSC-60					1V
1119	225 03:45:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0598 (D/L ONLY)					1DP
1120	225 03:45:00	31				CFG CODES					1DP
1121	225 03:55:00	31	24 LOS	OPCH ACE		LOS DSS-24 PASS-0598					1DP
1122	225 04:18:09	31			AC7SSB	(4 +141) SS BIAS CONTROL --- YAW	AACS		06820:25:003F	06-224/14:29:24	1ECa
1123	225 05:09:19	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1124	225 08:25:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0598					1DP
1125	225 09:08:47	31	10 SET			10.2 DEGREE SET DSC-10					1V
1126	225 12:00:00	31				VGR-31 OWLT IS 13H 48M 49S					1L
1127	225 14:04:05	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1128	225 14:11:15	31	40 SET			10.2 DEGREE SET DSC-40					1V
1129	225 20:05:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0598 (D/L ONLY)					1DP
1130	225 20:05:00	31				CFG CODES					1DP
1131	225 21:36:52	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1132	226 00:00:00	31				VGR-31 OWLT IS 13H 48M 55S					1L
1133	226 00:25:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0598					1DP

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
1134	226 00:40:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0599 (D/L ONLY)					1DP
1135	226 00:40:00	31				CFG CODES					1DP
1136	226 01:11:54	31	60 SET			15.3 DEGREE SET DSC-60					1V
1137	226 05:05:21	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1138	226 08:25:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0599					1DP
1139	226 09:04:49	31	10 SET			10.2 DEGREE SET DSC-10					1V
1140	226 12:00:00	31				VGR-31 OWLT IS 13H 49M 00S					1L
1141	226 14:00:09	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1142	226 14:07:20	31	40 SET			10.2 DEGREE SET DSC-40					1V
1143	226 20:10:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0599 (D/L ONLY)					1DP
1144	226 20:10:00	31				CFG CODES					1DP
1145	226 21:32:57	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1146	227 00:00:00	31				VGR-31 OWLT IS 13H 49M 06S					1L
1147	227 00:15:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0599					1DP
1148	227 01:07:59	31	60 SET			15.3 DEGREE SET DSC-60					1V
1149	227 02:15:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0600 (D/L ONLY)					1DP
1150	227 02:15:00	31				CFG CODES					1DP
1151	227 05:01:24	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1152	227 09:00:52	31	10 SET			10.2 DEGREE SET DSC-10					1V
1153	227 09:20:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0600					1DP
1154	227 12:00:00	31				VGR-31 OWLT IS 13H 49M 12S					1L

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
1167	227 12:07:24	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		06890:11:002F	06-226/22:18:12	1ECs
1168	227 12:07:25	31				B- DRCRUS			06890:11:018F	06-226/22:18:12	1TB
1169	227 12:07:25	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	FDS		06890:11:026F	06-226/22:18:13	1ECf
1170	227 12:08:12	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	06890:12:001F	06-226/22:18:59	1ESf
1171	227 12:08:12	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		06890:12:002F	06-226/22:19:00	1ECd
1172	227 12:08:12	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:0258	DTR		06890:12:002F	06-226/22:19:00	1ESd
1173	227 12:08:12	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		06890:12:002F	06-226/22:19:00	1ECs
1174	227 12:09:00	31			SC32AJ	(13) PLS CONFIG CMD	FDS		06890:13:010F	06-226/22:19:48	1ECf
1175	227 12:09:01	31				END PWSREC.31			06890:13:018F	06-226/22:19:48	1T
1176	227 12:19:24	31				B- DTRMA-2.31			06890:26:001F	06-226/22:30:11	1TB
1177	227 12:19:24	31				BEGIN DTRMA231			06890:26:001F	06-226/22:30:11	1T
1178	227 12:19:24	31			CC16C	(2217) DTR STATE SELECT: SLEW	DTR		06890:26:001F	06-226/22:30:11	1ECd

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
1179	227 12:19:24	31					DTR		06890:26:001F	06-226/22:30:11	1ESd
						DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:7 TIC:0251					
1180	227 13:56:13	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1181	227 14:03:24	31	40 SET			10.2 DEGREE SET DSC-40					1V
1182	227 14:53:45	31			EOT	END OF TAPE			06893:38:743F	06-227/01:04:32	1Ed
1183	227 15:03:25	31			CC16C	(2228) DTR STATE SELECT: SLEW	DTR		06893:51:001F	06-227/01:14:11	1ECd
1184	227 15:03:25	31					DTR		06893:51:001F	06-227/01:14:11	1ESd
						DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:8 TIC:3585					
1185	227 15:03:25	31			EOT	END OF TAPE			06893:51:010F	06-227/01:14:12	1Ed
1186	227 17:40:12	31			BOT	BEGIN OF TAPE			06897:06:749F	06-227/03:50:56	1Ed
1187	227 17:43:25	31				TAPE AT BOT			06897:10:768F	06-227/03:54:09	1T
1188	227 17:43:25	31				END DTRMA231			06897:10:768F	06-227/03:54:09	1T
1189	227 17:47:27	31				TAPPOS-0250			06897:16:001F	06-227/03:58:11	1T
1190	227 17:47:27	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		06897:16:001F	06-227/03:58:11	1ECd
1191	227 17:47:27	31					DTR		06897:16:001F	06-227/03:58:11	1ESd
						DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0199					
1192	227 17:47:27	31			BOT	BEGIN OF TAPE			06897:16:010F	06-227/03:58:12	1Ed
1193	227 17:49:46	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		06897:18:724F	06-227/04:00:31	1ECd

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
1223	228 07:18:45	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	FDS		06914:10:010F	06-227/17:29:24	1ECf
1224	228 07:19:33	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	06914:11:001F	06-227/17:30:11	1ESf
1225	228 07:19:33	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		06914:11:002F	06-227/17:30:11	1ECs
1226	228 07:19:34	31				END PMPCALLR			06914:11:018F	06-227/17:30:12	1T
1227	228 08:25:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0601					1DP
1228	228 08:56:54	31	10 SET			10.2 DEGREE SET DSC-10					1V
1229	228 12:00:00	31				VGR-31 OWLT IS 13H 49M 23S					1L
1230	228 13:52:18	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1231	228 13:59:28	31	40 SET			10.2 DEGREE SET DSC-40					1V
1232	228 21:25:05	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1233	228 22:05:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0601 (D/L ONLY)					1DP
1234	228 22:05:00	31				CFG CODES					1DP
1235	229 00:00:00	31				VGR-31 OWLT IS 13H 49M 29S					1L
1236	229 00:10:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0601					1DP
1237	229 00:40:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0602 (D/L ONLY)					1DP
1238	229 00:40:00	31				CFG CODES					1DP
1239	229 01:00:08	31	60 SET			15.3 DEGREE SET DSC-60					1V

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
1240	229 04:53:28	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1241	229 08:10:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0602					1DP
1242	229 08:52:57	31	10 SET			10.2 DEGREE SET DSC-10					1V
1243	229 12:00:00	31				VGR-31 OWLT IS 13H 49M 35S					1L
1244	229 13:48:22	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1245	229 13:55:33	31	40 SET			10.2 DEGREE SET DSC-40					1V
1246	229 19:55:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0602 (D/L ONLY)					1DP
1247	229 19:55:00	31				CFG CODES					1DP
1248	229 21:21:09	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1249	230 00:00:00	31				VGR-31 OWLT IS 13H 49M 41S					1L
1250	230 00:10:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0602					1DP
1251	230 00:56:14	31	60 SET			15.3 DEGREE SET DSC-60					1V
1252	230 02:00:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0603 (D/L ONLY)					1DP
1253	230 02:00:00	31				CFG CODES					1DP
1254	230 04:49:31	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1255	230 05:05:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-0603 (D/L ONLY)					1DP
1256	230 05:05:00	31				CFG CODES					1DP
1257	230 05:25:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0603					1DP
1258	230 07:20:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-0603					1DP
1259	230 08:49:00	31	10 SET			10.2 DEGREE SET DSC-10					1V
1260	230 12:00:00	31				VGR-31 OWLT IS 13H 49M 46S					1L
1261	230 13:44:26	31	60RISE			10.2 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
1274	230 18:07:13	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		06987:40:009F	06-230/04:17:24	1ECf
1275	230 18:07:57	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		06987:40:735F	06-230/04:18:08	1ECd
1276	230 18:07:57	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:3251	DTR		06987:40:735F	06-230/04:18:08	1ESd
1277	230 18:08:01	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	06987:41:001F	06-230/04:18:11	1ESf
1278	230 18:08:01	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		06987:41:002F	06-230/04:18:12	1ECs
1279	230 18:08:02	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	FDS		06987:41:026F	06-230/04:18:13	1ECf
1280	230 18:08:49	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	06987:42:001F	06-230/04:18:59	1ESf
1281	230 18:08:49	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		06987:42:002F	06-230/04:19:00	1ECd
1282	230 18:08:49	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:3543	DTR		06987:42:002F	06-230/04:19:00	1ESd

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
1283	230 18:08:49	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		06987:42:002F	06-230/04:19:00	1ECs
1284	230 18:09:37	31			SC32AJ	(13) PLS CONFIG CMD	FDS		06987:43:009F	06-230/04:19:48	1ECf
1285	230 20:00:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0603 (D/L ONLY)					1DP
1286	230 20:00:00	31				CFG CODES					1DP
1287	230 20:15:14	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		06990:20:002F	06-230/06:25:24	1ECd
1288	230 20:15:14	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3550	DTR		06990:20:002F	06-230/06:25:24	1ESd
1289	230 21:17:13	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1290	230 22:48:00	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		06993:30:742F	06-230/08:58:08	1ECd
1291	230 22:48:00	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:0250	DTR		06993:30:742F	06-230/08:58:08	1ESd
1292	230 23:15:16	31			CC16C	(7015) DTR STATE SELECT: READY	DTR		06994:05:002F	06-230/09:25:24	1ECd
1293	230 23:15:16	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:0250	DTR		06994:05:002F	06-230/09:25:24	1ESd
1294	230 23:45:00	31	24 AOS	OPCH ACE		AOS DSS-24 PASS-0604 (D/L ONLY)					1DP
1295	230 23:45:00	31				CFG CODES					1DP
1296	231 00:00:00	31				VGR-31 OWLT IS 13H 49M 52S					1L
1297	231 00:05:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0603					1DP

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
1298	231 00:52:17	31	60 SET			15.3 DEGREE SET DSC-60					1V
1299	231 02:45:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0604 (D/L ONLY)					1DP
1300	231 02:45:00	31				CFG CODES					1DP
1301	231 02:55:00	31	24 LOS	OPCH ACE		LOS DSS-24 PASS-0604					1DP
1302	231 04:45:33	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1303	231 08:45:02	31	10 SET			10.2 DEGREE SET DSC-10					1V
1304	231 08:55:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0604					1DP
1305	231 12:00:00	31				VGR-31 OWLT IS 13H 49M 58S					1L
1306	231 13:40:31	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1307	231 13:47:41	31	40 SET			10.2 DEGREE SET DSC-40					1V
1308	231 14:30:36	31				AHELII1 PWSREC 20			07013:09:018F	06-231/00:40:36	1T
1309	231 14:30:36	31				B- PWSREC.31			07013:09:018F	06-231/00:40:36	1TB
1310	231 14:30:36	31				BEGIN PWSREC.31			07013:09:018F	06-231/00:40:36	1T
1311	231 14:31:24	31				B- DRGS4B			07013:10:018F	06-231/00:41:24	1TB
1312	231 14:32:08	31				BEGIN RECORDING PWS DATA			07013:10:751F	06-231/00:42:08	1T
1313	231 14:32:13	31				B- DRCRUS			07013:11:034F	06-231/00:42:13	1TB
1314	231 14:33:49	31				END PWSREC.31			07013:13:034F	06-231/00:43:49	1T
1315	231 19:50:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0604 (D/L ONLY)					1DP
1316	231 19:50:00	31				CFG CODES					1DP
1317	231 21:13:18	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1318	232 00:00:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0604					1DP
1319	232 00:00:00	31				VGR-31 OWLT IS 13H 50M 04S					1L

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
1320	232 00:48:23	31	60	SET		15.3 DEGREE SET DSC-60					1V
1321	232 03:30:00	31	26	AOS	OPCH ACE	AOS DSS-26 PASS-0605 (D/L ONLY)					1DP
1322	232 03:30:00	31				CFG CODES					1DP
1323	232 04:00:00	31	24	AOS	OPCH ACE	AOS DSS-24 PASS-0605 (D/L ONLY)					1DP
1324	232 04:00:00	31				CFG CODES					1DP
1325	232 04:00:00	31	14	AOS	OPCH ACE	AOS DSS-14 PASS-0605 (D/L ONLY)					1DP
1326	232 04:00:00	31				CFG CODES					1DP
1327	232 04:41:36	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
1328	232 07:10:00	31	26	LOS	OPCH ACE	LOS DSS-26 PASS-0605					1DP
1329	232 08:41:05	31	10	SET		10.2 DEGREE SET DSC-10					1V
1330	232 08:50:00	31	24	LOS	OPCH ACE	LOS DSS-24 PASS-0605					1DP
1331	232 08:50:00	31	14	LOS	OPCH ACE	LOS DSS-14 PASS-0605					1DP
1332	232 09:05:00	31	45	AOS	OPCH ACE	AOS DSS-45 PASS-0605 (D/L ONLY)					1DP
1333	232 09:05:00	31				CFG CODES					1DP
1334	232 12:00:00	31				VGR-31 OWLT IS 13H 50M 10S					1L
1335	232 12:35:00	31	45	LOS	OPCH ACE	LOS DSS-45 PASS-0605					1DP
1336	232 13:36:35	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
1337	232 13:43:46	31	40	SET		10.2 DEGREE SET DSC-40					1V
1338	232 19:55:00	31	65	AOS	OPCH ACE	AOS DSS-65 PASS-0605 (D/L ONLY)					1DP
1339	232 19:55:00	31				CFG CODES					1DP
1340	232 21:09:22	31	10	RISE		10.2 DEGREE RISE DSC-10					1V

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
1341	232 21:53:14	31			AC7SSB	(3 +013) SS BIAS CONTROL - PITCH	AACS		07052:22:003F	06-232/08:03:00	1ECa
1342	232 23:55:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0605					1DP
1343	233 00:00:00	31				VGR-31 OWLT IS 13H 50M 15S					1L
1344	233 00:30:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0606 (D/L ONLY)					1DP
1345	233 00:30:00	31				CFG CODES					1DP
1346	233 00:44:28	31	60 SET			15.3 DEGREE SET DSC-60					1V
1347	233 03:00:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0606 (D/L ONLY)					1DP
1348	233 03:00:00	31				CFG CODES					1DP
1349	233 04:37:38	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1350	233 07:05:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0606					1DP
1351	233 08:35:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0606					1DP
1352	233 08:37:08	31	10 SET			10.2 DEGREE SET DSC-10					1V
1353	233 12:00:00	31				VGR-31 OWLT IS 13H 50M 21S					1L
1354	233 13:32:40	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1355	233 13:39:50	31	40 SET			10.2 DEGREE SET DSC-40					1V
1356	233 19:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0606 (D/L ONLY)					1DP
1357	233 19:45:00	31				CFG CODES					1DP
1358	233 21:05:26	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1359	233 23:50:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0606					1DP
1360	234 00:00:00	31				VGR-31 OWLT IS 13H 50M 27S					1L
1361	234 00:40:34	31	60 SET			15.2 DEGREE SET DSC-60					1V
1362	234 02:55:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0607 (U/L PASS)					1DP

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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
1377	234 11:44:45	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	07099:41:001F	06-233/21:54:11	1ESf
1378	234 11:44:45	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		07099:41:002F	06-233/21:54:12	1ECs
1379	234 11:44:46	31				B- DRCRUS			07099:41:018F	06-233/21:54:12	1TB
1380	234 11:44:46	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	FDS		07099:41:026F	06-233/21:54:13	1ECf
1381	234 11:45:33	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	07099:42:001F	06-233/21:54:59	1ESf
1382	234 11:45:33	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		07099:42:002F	06-233/21:55:00	1ECd
1383	234 11:45:33	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:0543	DTR		07099:42:002F	06-233/21:55:00	1ESd
1384	234 11:45:33	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		07099:42:002F	06-233/21:55:00	1ECs
1385	234 11:46:21	31			SC32AJ	(13) PLS CONFIG CMD	FDS		07099:43:009F	06-233/21:55:48	1ECf
1386	234 11:46:22	31				END PWSREC.31			07099:43:018F	06-233/21:55:48	1T
1387	234 12:00:00	31				VGR-31 OWLT IS 13H 50M 33S					1L

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
1388	234 13:28:45	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1389	234 13:35:55	31	40 SET			10.2 DEGREE SET DSC-40					1V
1390	234 19:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0607 (D/L ONLY)					1DP
1391	234 19:45:00	31				CFG CODES					1DP
1392	234 21:01:31	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1393	234 23:50:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0607					1DP
1394	235 00:00:00	31				VGR-31 OWLT IS 13H 50M 39S					1L
1395	235 00:30:00	31	24 AOS	OPCH ACE		AOS DSS-24 PASS-0608 (D/L ONLY)					1DP
1396	235 00:30:00	31				CFG CODES					1DP
1397	235 00:36:37	31	60 SET			15.2 DEGREE SET DSC-60					1V
1398	235 03:25:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0608 (D/L ONLY)					1DP
1399	235 03:25:00	31				CFG CODES					1DP
1400	235 03:45:00	31	24 LOS	OPCH ACE		LOS DSS-24 PASS-0608					1DP
1401	235 04:29:43	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1402	235 06:55:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0608					1DP
1403	235 08:29:13	31	10 SET			10.2 DEGREE SET DSC-10					1V
1404	235 12:00:00	31				VGR-31 OWLT IS 13H 50M 45S					1L
1405	235 13:24:49	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1406	235 13:32:00	31	40 SET			10.2 DEGREE SET DSC-40					1V
1407	235 19:50:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0608 (D/L ONLY)					1DP
1408	235 19:50:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
1409	235 20:57:35	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1410	235 23:35:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0608					1DP
1411	236 00:00:00	31				VGR-31 OWLT IS 13H 50M 50S					1L
1412	236 00:32:43	31	60 SET			15.2 DEGREE SET DSC-60					1V
1413	236 00:50:00	31	24 AOS	OPCH ACE		AOS DSS-24 PASS-0609 (D/L ONLY)					1DP
1414	236 00:50:00	31				CFG CODES					1DP
1415	236 02:30:00	31	24 LOS	OPCH ACE		LOS DSS-24 PASS-0609					1DP
1416	236 02:30:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0609 (D/L ONLY)					1DP
1417	236 02:30:00	31				CFG CODES					1DP
1418	236 04:25:46	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1419	236 06:30:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0609					1DP
1420	236 08:25:16	31	10 SET			10.2 DEGREE SET DSC-10					1V
1421	236 12:00:00	31				VGR-31 OWLT IS 13H 50M 56S					1L
1422	236 13:20:54	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1423	236 13:28:04	31	40 SET			10.2 DEGREE SET DSC-40					1V
1424	236 19:40:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0609 (D/L ONLY)					1DP
1425	236 19:40:00	31				CFG CODES					1DP
1426	236 20:53:40	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1427	236 23:40:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0609					1DP
1428	237 00:00:00	31				VGR-31 OWLT IS 13H 51M 02S					1L
1429	237 00:00:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0610 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
1456	237 17:45:23	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		07197:11:002F	06-237/03:54:12	1ECs
1457	237 17:45:24	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	FDS		07197:11:026F	06-237/03:54:13	1ECf
1458	237 17:46:11	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	07197:12:001F	06-237/03:54:59	1ESf
1459	237 17:46:11	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		07197:12:002F	06-237/03:55:00	1ECd
1460	237 17:46:11	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:3257	DTR		07197:12:002F	06-237/03:55:00	1ESd
1461	237 17:46:11	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		07197:12:002F	06-237/03:55:00	1ECs
1462	237 17:46:59	31			SC32AJ	(13) PLS CONFIG CMD	FDS		07197:13:009F	06-237/03:55:48	1ECf
1463	237 19:35:00	31	65 AOS	OPCH	ACE	AOS DSS-65 PASS-0610 (D/L ONLY)					1DP
1464	237 19:35:00	31				CFG CODES					1DP
1465	237 19:52:36	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		07199:50:002F	06-237/06:01:24	1ECd
1466	237 19:52:36	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3251	DTR		07199:50:002F	06-237/06:01:24	1ESd
1467	237 20:49:44	31	10RISE			10.2 DEGREE RISE DSC-10					1V

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
1468	237 21:57:40	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		07202:26:256F	06-237/08:06:27	1ECd
1469	237 21:57:40	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:0549	DTR	07202:26:256F	06-237/08:06:27	1ESd	
1470	237 22:52:37	31			CC16C	(7015) DTR STATE SELECT: READY	DTR		07203:35:002F	06-237/09:01:24	1ECd
1471	237 22:52:37	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:0549	DTR	07203:35:002F	06-237/09:01:24	1ESd	
1472	237 23:35:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0610					1DP
1473	238 00:00:00	31				VGR-31 OWLT IS 13H 51M 14S					1L
1474	238 00:00:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0611 (D/L ONLY)					1DP
1475	238 00:00:00	31				CFG CODES					1DP
1476	238 00:24:54	31	60 SET			15.2 DEGREE SET DSC-60					1V
1477	238 04:17:51	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1478	238 07:35:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0611					1DP
1479	238 08:17:21	31	10 SET			10.2 DEGREE SET DSC-10					1V
1480	238 12:00:00	31				VGR-31 OWLT IS 13H 51M 20S					1L
1481	238 13:13:03	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1482	238 13:20:14	31	40 SET			10.2 DEGREE SET DSC-40					1V
1483	238 14:07:58	31				AHELI1 PWSREC 21		07222:39:018F	06-238/00:16:36		1T
1484	238 14:07:58	31				B- PWSREC.31		07222:39:018F	06-238/00:16:36		1TB
1485	238 14:07:58	31				BEGIN PWSREC.31		07222:39:018F	06-238/00:16:36		1T
1486	238 14:08:46	31				B- DRGS4B		07222:40:018F	06-238/00:17:24		1TB

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
1487	238 14:09:30	31				BEGIN RECORDING PWS DATA			07222:40:751F	06-238/00:18:08	1T
1488	238 14:09:35	31				B- DRCSRUS			07222:41:034F	06-238/00:18:13	1TB
1489	238 14:11:11	31				END PWSREC.31			07222:43:034F	06-238/00:19:49	1T
1490	238 19:35:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0611 (D/L ONLY)					1DP
1491	238 19:35:00	31				CFG CODES					1DP
1492	238 20:45:49	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1493	238 23:30:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0611					1DP
1494	239 00:00:00	31				VGR-31 OWLT IS 13H 51M 26S					1L
1495	239 00:21:00	31	60 SET			15.2 DEGREE SET DSC-60					1V
1496	239 00:50:00	31	24 AOS	OPCH ACE		AOS DSS-24 PASS-0612 (D/L ONLY)					1DP
1497	239 00:50:00	31				CFG CODES					1DP
1498	239 04:13:54	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1499	239 06:00:00	31	24 LOS	OPCH ACE		LOS DSS-24 PASS-0612					1DP
1500	239 07:12:05	31			AC7SSB	(4 +142) SS BIAS CONTROL --- YAW	AACS		07243:59:003F	06-238/17:20:36	1ECa
1501	239 08:13:24	31	10 SET			10.2 DEGREE SET DSC-10					1V
1502	239 12:00:00	31				VGR-31 OWLT IS 13H 51M 32S					1L
1503	239 13:09:08	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1504	239 13:16:19	31	40 SET			10.2 DEGREE SET DSC-40					1V
1505	239 19:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0612 (D/L ONLY)					1DP
1506	239 19:30:00	31				CFG CODES					1DP
1507	239 20:41:54	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1508	239 23:30:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0612					1DP

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
1509	239 23:45:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0613 (D/L ONLY)					1DP
1510	239 23:45:00	31				CFG CODES					1DP
1511	240 00:00:00	31				VGR-31 OWLT IS 13H 51M 38S					1L
1512	240 00:17:05	31	60 SET			15.2 DEGREE SET DSC-60					1V
1513	240 03:15:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0613 (D/L ONLY)					1DP
1514	240 03:15:00	31				CFG CODES					1DP
1515	240 03:35:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0613					1DP
1516	240 04:09:56	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1517	240 06:10:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0613					1DP
1518	240 08:09:27	31	10 SET			10.2 DEGREE SET DSC-10					1V
1519	240 12:00:00	31				VGR-31 OWLT IS 13H 51M 43S					1L
1520	240 13:05:13	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1521	240 13:12:24	31	40 SET			10.2 DEGREE SET DSC-40					1V
1522	240 19:25:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0613 (D/L ONLY)					1DP
1523	240 19:25:00	31				CFG CODES					1DP
1524	240 20:37:58	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1525	240 23:25:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0613					1DP
1526	241 00:00:00	31				VGR-31 OWLT IS 13H 51M 49S					1L
1527	241 00:13:11	31	60 SET			15.2 DEGREE SET DSC-60					1V
1528	241 02:15:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0614 (U/L PASS)					1DP
1529	241 04:05:59	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1530	241 08:05:30	31	10 SET			10.2 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
1543	241 11:22:07	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	07309:11:001F	06-240/21:30:11	1ESf
1544	241 11:22:07	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		07309:11:002F	06-240/21:30:12	1ECs
1545	241 11:22:08	31				B- DRCRUS			07309:11:018F	06-240/21:30:12	1TB
1546	241 11:22:08	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	FDS		07309:11:026F	06-240/21:30:13	1ECf
1547	241 11:22:55	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	07309:12:001F	06-240/21:30:59	1ESf
1548	241 11:22:55	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		07309:12:002F	06-240/21:31:00	1ECd
1549	241 11:22:55	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:0842	DTR		07309:12:002F	06-240/21:31:00	1ESd
1550	241 11:22:55	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		07309:12:002F	06-240/21:31:00	1ECs
1551	241 11:23:43	31			SC32AJ	(13) PLS CONFIG CMD	FDS		07309:13:010F	06-240/21:31:48	1ECf
1552	241 11:23:44	31				END PWSREC.31			07309:13:018F	06-240/21:31:48	1T
1553	241 12:00:00	31				VGR-31 OWLT IS 13H 51M 55S					1L

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
1570	242 07:49:29	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	07334:45:001F	06-241/17:57:23	1ESf
1571	242 07:51:05	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	FDS		07334:47:009F	06-241/17:59:00	1ECf
1572	242 07:51:53	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	07334:48:001F	06-241/17:59:47	1ESf
1573	242 07:51:53	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		07334:48:002F	06-241/17:59:48	1ECs
1574	242 08:01:33	31	10	SET		10.2 DEGREE SET DSC-10					1V
1575	242 08:15:00	31	14	LOS	OPCH ACE	LOS DSS-14 PASS-0615					1DP
1576	242 12:00:00	31				VGR-31 OWLT IS 13H 52M 07S					1L
1577	242 12:57:23	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
1578	242 13:04:34	31	40	SET		10.2 DEGREE SET DSC-40					1V
1579	242 19:25:00	31	65	AOS	OPCH ACE	AOS DSS-65 PASS-0615 (D/L ONLY)					1DP
1580	242 19:25:00	31				CFG CODES					1DP
1581	242 20:30:08	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
1582	242 23:15:00	31	65	LOS	OPCH ACE	LOS DSS-65 PASS-0615					1DP
1583	243 00:00:00	31				VGR-31 OWLT IS 13H 52M 13S					1L
1584	243 00:05:20	31	60	SET		15.2 DEGREE SET DSC-60					1V

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
1585	243 02:15:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0616 (D/L ONLY)					1DP
1586	243 02:15:00	31				CFG CODES					1DP
1587	243 03:58:05	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1588	243 07:57:36	31	10 SET			10.2 DEGREE SET DSC-10					1V
1589	243 08:15:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0616					1DP
1590	243 08:48:05	31			AC7SSB	(3 +014) SS BIAS CONTROL - PITCH	AACS		07365:58:003F	06-242/18:55:48	1ECa
1591	243 12:00:00	31				VGR-31 OWLT IS 13H 52M 19S					1L
1592	243 12:53:28	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1593	243 13:00:39	31	40 SET			10.2 DEGREE SET DSC-40					1V
1594	243 19:15:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0616 (D/L ONLY)					1DP
1595	243 19:15:00	31				CFG CODES					1DP
1596	243 20:26:13	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1597	243 23:15:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0616					1DP
1598	243 23:45:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0617 (D/L ONLY)					1DP
1599	243 23:45:00	31				CFG CODES					1DP
1600	244 00:00:00	31				VGR-31 OWLT IS 13H 52M 25S					1L
1601	244 00:01:26	31	60 SET			15.2 DEGREE SET DSC-60					1V
1602	244 03:54:08	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1603	244 06:20:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0617					1DP
1604	244 07:53:39	31	10 SET			10.2 DEGREE SET DSC-10					1V
1605	244 12:00:00	31				VGR-31 OWLT IS 13H 52M 31S					1L
1606	244 12:49:33	31	60RISE			10.2 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
1619	244 17:21:58	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		07406:40:009F	06-244/03:29:24	1ECf
1620	244 17:22:42	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		07406:40:735F	06-244/03:30:08	1ECd
1621	244 17:22:42	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:3251	DTR		07406:40:735F	06-244/03:30:08	1ESd
1622	244 17:22:46	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	07406:41:001F	06-244/03:30:11	1ESf
1623	244 17:22:46	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		07406:41:002F	06-244/03:30:12	1ECs
1624	244 17:22:47	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	FDS		07406:41:026F	06-244/03:30:13	1ECf
1625	244 17:23:34	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	07406:42:001F	06-244/03:30:59	1ESf
1626	244 17:23:34	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		07406:42:002F	06-244/03:31:00	1ECd
1627	244 17:23:34	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:2958	DTR		07406:42:002F	06-244/03:31:00	1ESd

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
1628	244 17:23:34	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		07406:42:002F	06-244/03:31:00	1ECs
1629	244 17:24:22	31			SC32AJ	(13) PLS CONFIG CMD	FDS		07406:43:009F	06-244/03:31:48	1ECf
1630	244 19:10:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0617 (D/L ONLY)					1DP
1631	244 19:10:00	31				CFG CODES					1DP
1632	244 19:29:59	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		07409:20:002F	06-244/05:37:24	1ECd
1633	244 19:29:59	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2952	DTR		07409:20:002F	06-244/05:37:24	1ESd
1634	244 20:22:18	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1635	244 21:07:21	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		07411:21:570F	06-244/07:14:46	1ECd
1636	244 21:07:21	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:0848	DTR		07411:21:570F	06-244/07:14:46	1ESd
1637	244 22:30:00	31			CC16C	(7015) DTR STATE SELECT: READY	DTR		07413:05:002F	06-244/08:37:24	1ECd
1638	244 22:30:00	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:0848	DTR		07413:05:002F	06-244/08:37:24	1ESd
1639	244 23:10:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0617					1DP
1640	244 23:57:31	31	60 SET			15.2 DEGREE SET DSC-60					1V
1641	245 00:00:00	31				VGR-31 OWLT IS 13H 52M 37S					1L
1642	245 02:45:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0618 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
1643	245 02:45:00	31				CFG CODES					1DP
1644	245 03:50:10	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1645	245 07:10:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0618					1DP
1646	245 07:49:42	31	10 SET			10.2 DEGREE SET DSC-10					1V
1647	245 12:00:00	31				VGR-31 OWLT IS 13H 52M 43S					1L
1648	245 12:45:38	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1649	245 12:52:49	31	40 SET			10.2 DEGREE SET DSC-40					1V
1650	245 13:45:21	31				AHELII1 PWSREC 22			07432:09:018F	06-244/23:52:36	1T
1651	245 13:45:21	31				B- PWSREC.31			07432:09:018F	06-244/23:52:36	1TB
1652	245 13:45:21	31				BEGIN PWSREC.31			07432:09:018F	06-244/23:52:36	1T
1653	245 13:46:09	31				B- DRGS4B			07432:10:018F	06-244/23:53:24	1TB
1654	245 13:46:53	31				BEGIN RECORDING PWS DATA			07432:10:751F	06-244/23:54:08	1T
1655	245 13:46:58	31				B- DRCRUS			07432:11:034F	06-244/23:54:13	1TB
1656	245 13:48:34	31				END PWSREC.31			07432:13:034F	06-244/23:55:49	1T
1657	245 18:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0618 (D/L ONLY)					1DP
1658	245 18:45:00	31				CFG CODES					1DP
1659	245 20:18:22	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1660	245 23:05:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0618					1DP
1661	245 23:53:37	31	60 SET			15.2 DEGREE SET DSC-60					1V
1662	246 00:00:00	31				VGR-31 OWLT IS 13H 52M 49S					1L
1663	246 02:55:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0619 (U/L PASS)					1DP
1664	246 03:46:13	31	40RISE			10.2 DEGREE RISE DSC-40					1V

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
1665	246 07:45:45	31	10 SET			10.2 DEGREE SET DSC-10					1V
1666	246 08:00:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0619					1DP
1667	246 12:00:00	31				VGR-31 OWLT IS 13H 52M 55S					1L
1668	246 12:41:43	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1669	246 12:48:54	31	40 SET			10.2 DEGREE SET DSC-40					1V
1670	246 19:15:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0619 (D/L ONLY)					1DP
1671	246 19:15:00	31				CFG CODES					1DP
1672	246 20:14:27	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1673	246 23:00:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0619					1DP
1674	246 23:49:42	31	60 SET			15.1 DEGREE SET DSC-60					1V
1675	247 00:00:00	31				VGR-31 OWLT IS 13H 53M 01S					1L
1676	247 01:45:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0620 (D/L ONLY)					1DP
1677	247 01:45:00	31				CFG CODES					1DP
1678	247 03:42:16	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1679	247 07:41:49	31	10 SET			10.2 DEGREE SET DSC-10					1V
1680	247 08:00:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0620					1DP
1681	247 12:00:00	31				VGR-31 OWLT IS 13H 53M 07S					1L
1682	247 12:37:48	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1683	247 12:44:59	31	40 SET			10.2 DEGREE SET DSC-40					1V
1684	247 19:10:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0620 (D/L ONLY)					1DP
1685	247 19:10:00	31				CFG CODES					1DP
1686	247 20:10:32	31	10RISE			10.2 DEGREE RISE DSC-10					1V

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
1704	248 10:58:42	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		07518:40:009F	06-247/21:05:24	1ECf
1705	248 10:59:26	31				BEGIN RECORDING PWS DATA			07518:40:734F	06-247/21:06:07	1T
1706	248 10:59:26	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		07518:40:735F	06-247/21:06:08	1ECd
1707	248 10:59:26	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:0848	DTR		07518:40:735F	06-247/21:06:08	1ESd
1708	248 10:59:30	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	07518:41:001F	06-247/21:06:11	1ESf
1709	248 10:59:30	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		07518:41:002F	06-247/21:06:11	1ECs
1710	248 10:59:31	31				B- DRCRUS			07518:41:018F	06-247/21:06:12	1TB
1711	248 10:59:31	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	FDS		07518:41:026F	06-247/21:06:13	1ECf
1712	248 11:00:18	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	07518:42:001F	06-247/21:06:59	1ESf

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
1713	248 11:00:18	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		07518:42:002F	06-247/21:07:00	1ECs
1714	248 11:00:18	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		07518:42:002F	06-247/21:07:00	1ECd
1715	248 11:00:18	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:1141	DTR		07518:42:002F	06-247/21:07:00	1ESd
1716	248 11:01:06	31			SC32AJ	(13) PLS CONFIG CMD	FDS		07518:43:009F	06-247/21:07:48	1ECF
1717	248 11:01:07	31				END PWSREC.31			07518:43:018F	06-247/21:07:48	1T
1718	248 12:00:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-0621					1DP
1719	248 12:00:00	31				VGR-31 OWLT IS 13H 53M 18S					1L
1720	248 12:33:54	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1721	248 12:41:05	31	40 SET			10.2 DEGREE SET DSC-40					1V
1722	248 19:05:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0621 (D/L ONLY)					1DP
1723	248 19:05:00	31				CFG CODES					1DP
1724	248 20:06:38	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1725	248 22:55:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0621					1DP
1726	248 23:41:56	31	60 SET			15.1 DEGREE SET DSC-60					1V
1727	249 00:00:00	31				VGR-31 OWLT IS 13H 53M 24S					1L
1728	249 01:45:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0622 (D/L ONLY)					1DP
1729	249 01:45:00	31				CFG CODES					1DP
1730	249 03:34:22	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1731	249 06:40:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0622					1DP

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
1732	249 07:33:55	31	10 SET			10.2 DEGREE SET DSC-10					1V
1733	249 12:00:00	31				VGR-31 OWLT IS 13H 53M 30S					1L
1734	249 12:29:59	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1735	249 12:37:10	31	40 SET			10.2 DEGREE SET DSC-40					1V
1736	249 17:35:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0622 (D/L ONLY)					1DP
1737	249 17:35:00	31				CFG CODES					1DP
1738	249 18:58:10	31				B- GYONBC.31			07558:39:001F	06-249/05:04:35	1TB
1739	249 18:58:10	31				BEGIN GYONBC31			07558:39:001F	06-249/05:04:35	1T
1740	249 18:58:10	31			AC7GYP	(111) DRIRU PATTERN CONTROL GYRO/AXIS=B/PITCH C/YAW & ROLL	AACS		07558:39:003F	06-249/05:04:36	1ECa
1741	249 18:58:10	31			CC7GARP	GYRO A OFF	PWR		07558:39:004F	06-249/05:04:36	1ECp
1742	249 18:58:10	31			CC7GARP	GYRO A OFF	PWR		07558:39:006F	06-249/05:04:36	1ECp
1743	249 18:58:10	31			CC7PC	(352) GYRO A OFF	AACS		07558:39:008F	06-249/05:04:36	1ECa
1744	249 18:58:10	31			CC7GCP	GYRO C ON	PWR		07558:39:009F	06-249/05:04:36	1ECp
1745	249 18:58:10	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: ON	AACS	07558:39:009F	06-249/05:04:36	1ESa	
1746	249 18:58:11	31			CC7GCP	GYRO C ON	PWR		07558:39:011F	06-249/05:04:36	1ECp
1747	249 18:58:11	31			CC7PC	(373) GYRO C ON	AACS		07558:39:013F	06-249/05:04:36	1ECa
1748	249 18:58:11	31			CC7GBP	GYRO B ON	PWR		07558:39:013F	06-249/05:04:36	1ECp

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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
1749	249 18:58:11	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		07558:39:013F	06-249/05:04:36	1ESa
1750	249 18:58:11	31			CC7GBP	GYRO B ON	PWR		07558:39:016F	06-249/05:04:36	1ECp
1751	249 18:58:11	31			CC7PC	(363) GYRO B ON	AACS		07558:39:018F	06-249/05:04:36	1ECa
1752	249 18:58:39	31				DRIRU INITIALIZATION			07558:39:484F	06-249/05:05:04	1T
1753	249 18:58:40	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		07558:39:502F	06-249/05:05:06	1ECa
1754	249 18:59:09	31				SET CALIB			07558:40:184F	06-249/05:05:34	1T
1755	249 18:59:10	31			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		07558:40:204F	06-249/05:05:36	1ECa
1756	249 19:08:09	31				START GYRO FAULT TEST			07558:51:384F	06-249/05:14:34	1T
1757	249 19:08:10	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		07558:51:402F	06-249/05:14:36	1ECa
1758	249 19:08:11	31				END GYONBC31			07558:51:418F	06-249/05:14:36	1T
1759	249 20:02:43	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1760	249 22:50:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0622					1DP
1761	249 23:38:02	31	60 SET			15.1 DEGREE SET DSC-60					1V
1762	250 00:00:00	31				VGR-31 OWLT IS 13H 53M 36S					1L
1763	250 01:30:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0623 (D/L ONLY)					1DP
1764	250 01:30:00	31				CFG CODES					1DP
1765	250 03:30:25	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1766	250 07:29:58	31	10 SET			10.2 DEGREE SET DSC-10					1V
1767	250 07:45:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0623					1DP
1768	250 12:00:00	31				VGR-31 OWLT IS 13H 53M 42S					1L

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
1769	250 12:26:04	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1770	250 12:33:15	31	40 SET			10.2 DEGREE SET DSC-40					1V
1771	250 19:10:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0623 (D/L ONLY)					1DP
1772	250 19:10:00	31				CFG CODES					1DP
1773	250 19:58:48	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1774	250 22:45:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0623					1DP
1775	250 23:34:07	31	60 SET			15.1 DEGREE SET DSC-60					1V
1776	251 00:00:00	31				VGR-31 OWLT IS 13H 53M 48S					1L
1777	251 01:15:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0624 (D/L ONLY)					1DP
1778	251 01:15:00	31				CFG CODES					1DP
1779	251 03:26:28	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1780	251 07:26:02	31	10 SET			10.2 DEGREE SET DSC-10					1V
1781	251 07:40:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0624					1DP
1782	251 12:00:00	31				VGR-31 OWLT IS 13H 53M 54S					1L
1783	251 12:22:10	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1784	251 12:29:21	31	40 SET			10.2 DEGREE SET DSC-40					1V
1785	251 13:57:43	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		07612:23:002F	06-251/00:03:48	1ECd
1786	251 13:57:43	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1147	DTR		07612:23:002F	06-251/00:03:48	1ESd
1787	251 15:21:15	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		07614:07:322F	06-251/01:27:19	1ECd

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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
1799	251 17:00:09	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	07616:11:001F	06-251/03:06:11	1ESf
1800	251 17:00:09	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		07616:11:002F	06-251/03:06:12	1ECs
1801	251 17:00:10	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	FDS		07616:11:026F	06-251/03:06:13	1ECf
1802	251 17:00:57	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	07616:12:001F	06-251/03:06:59	1ESf
1803	251 17:00:57	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		07616:12:002F	06-251/03:07:00	1ECd
1804	251 17:00:57	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:2659	DTR		07616:12:002F	06-251/03:07:00	1ESd
1805	251 17:00:57	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		07616:12:002F	06-251/03:07:00	1ECs
1806	251 17:01:45	31			SC32AJ	(13) PLS CONFIG CMD	FDS		07616:13:009F	06-251/03:07:48	1ECf
1807	251 19:00:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0624 (D/L ONLY)					1DP
1808	251 19:00:00	31				CFG CODES					1DP
1809	251 19:07:22	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		07618:50:002F	06-251/05:13:24	1ECd

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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
1810	251 19:07:22	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2653	DTR		07618:50:002F	06-251/05:13:24	1ESd
1811	251 19:54:53	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1812	251 20:17:03	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		07620:17:085F	06-251/06:23:05	1ECd
1813	251 20:17:03	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1147	DTR		07620:17:085F	06-251/06:23:05	1ESd
1814	251 22:07:23	31			CC16C	(7015) DTR STATE SELECT: READY	DTR		07622:35:002F	06-251/08:13:24	1ECd
1815	251 22:07:23	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:1147	DTR		07622:35:002F	06-251/08:13:24	1ESd
1816	251 22:40:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0624					1DP
1817	251 23:30:13	31	60 SET			15.1 DEGREE SET DSC-60					1V
1818	252 00:00:00	31				VGR-31 OWLT IS 13H 54M 00S					1L
1819	252 01:30:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0625 (D/L ONLY)					1DP
1820	252 01:30:00	31				CFG CODES					1DP
1821	252 03:22:32	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1822	252 05:25:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0625					1DP
1823	252 07:22:05	31	10 SET			10.2 DEGREE SET DSC-10					1V
1824	252 12:00:00	31				VGR-31 OWLT IS 13H 54M 06S					1L
1825	252 12:18:15	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1826	252 12:25:26	31	40 SET			10.2 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
1827	252 13:22:44	31				AHELI1 PWSREC 23			07641:39:018F	06-251/23:28:36	1T
1828	252 13:22:44	31				B- PWSREC.31			07641:39:018F	06-251/23:28:36	1TB
1829	252 13:22:44	31				BEGIN PWSREC.31			07641:39:018F	06-251/23:28:36	1T
1830	252 13:23:32	31				B- DRGS4B			07641:40:018F	06-251/23:29:24	1TB
1831	252 13:24:16	31				BEGIN RECORDING PWS DATA			07641:40:751F	06-251/23:30:08	1T
1832	252 13:24:21	31				B- DRCRUS			07641:41:034F	06-251/23:30:13	1TB
1833	252 13:25:57	31				END PWSREC.31			07641:43:034F	06-251/23:31:49	1T
1834	252 18:55:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0625 (D/L ONLY)					1DP
1835	252 18:55:00	31				CFG CODES					1DP
1836	252 18:58:45	31				B- MISCMD			07648:39:001F	06-252/05:04:35	1TB
1837	252 18:58:45	31				MISCMD - GYRO INIT			07648:39:001F	06-252/05:04:35	1T
1838	252 18:58:45	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		07648:39:002F	06-252/05:04:35	1ECa
1839	252 19:50:58	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1840	252 22:35:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0625					1DP
1841	252 23:26:19	31	60 SET			15.1 DEGREE SET DSC-60					1V
1842	253 00:00:00	31				VGR-31 OWLT IS 13H 54M 12S					1L
1843	253 02:45:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0626 (D/L ONLY)					1DP
1844	253 02:45:00	31				CFG CODES					1DP
1845	253 03:18:35	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1846	253 05:50:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0626					1DP
1847	253 07:18:08	31	10 SET			10.2 DEGREE SET DSC-10					1V
1848	253 10:06:05	31			AC7SSB	(4 +143) SS BIAS CONTROL --- YAW	AACS		07667:33:002F	06-252/20:11:48	1ECa

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
1849	253 12:00:00	31				VGR-31 OWLT IS 13H 54M 18S					1L
1850	253 12:14:21	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1851	253 12:21:31	31	40 SET			10.2 DEGREE SET DSC-40					1V
1852	253 18:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0626 (D/L ONLY)					1DP
1853	253 18:45:00	31				CFG CODES					1DP
1854	253 19:47:03	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1855	253 23:22:24	31	60 SET			15.1 DEGREE SET DSC-60					1V
1856	253 23:35:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0626					1DP
1857	254 00:00:00	31				VGR-31 OWLT IS 13H 54M 24S					1L
1858	254 01:25:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0627 (D/L ONLY)					1DP
1859	254 01:25:00	31				CFG CODES					1DP
1860	254 03:14:38	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1861	254 07:14:12	31	10 SET			10.2 DEGREE SET DSC-10					1V
1862	254 07:35:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0627					1DP
1863	254 12:00:00	31				VGR-31 OWLT IS 13H 54M 30S					1L
1864	254 12:10:26	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1865	254 12:17:37	31	40 SET			10.2 DEGREE SET DSC-40					1V
1866	254 18:50:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0627 (D/L ONLY)					1DP
1867	254 18:50:00	31				CFG CODES					1DP
1868	254 19:43:09	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1869	254 22:30:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0627					1DP
1870	254 23:10:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0628 (D/L ONLY)					1DP

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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
1871	254 23:10:00	31				CFG CODES					1DP
1872	254 23:18:30	31	60	SET		15.1 DEGREE SET DSC-60					1V
1873	255 00:00:00	31				VGR-31 OWLT IS 13H 54M 36S					1L
1874	255 03:10:41	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
1875	255 05:40:00	31	25	LOS	OPCH ACE	LOS DSS-25 PASS-0628					1DP
1876	255 07:10:15	31	10	SET		10.2 DEGREE SET DSC-10					1V
1877	255 12:00:00	31				VGR-31 OWLT IS 13H 54M 42S					1L
1878	255 12:06:32	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
1879	255 12:13:42	31	40	SET		10.2 DEGREE SET DSC-40					1V
1880	255 18:50:00	31	65	AOS	OPCH ACE	AOS DSS-65 PASS-0628 (D/L ONLY)					1DP
1881	255 18:50:00	31				CFG CODES					1DP
1882	255 18:59:21	31				B- MISCMD			07738:39:001F	06-255/05:04:35	1TB
1883	255 18:59:21	31				MISCMD - GYRO INIT			07738:39:001F	06-255/05:04:35	1T
1884	255 18:59:21	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		07738:39:002F	06-255/05:04:35	1ECa
1885	255 19:39:14	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
1886	255 22:25:00	31	65	LOS	OPCH ACE	LOS DSS-65 PASS-0628					1DP
1887	255 23:14:38	31	60	SET		15.1 DEGREE SET DSC-60					1V
1888	256 00:00:00	31				VGR-31 OWLT IS 13H 54M 47S					1L
1889	256 01:45:00	31	14	AOS	OPCH ACE	AOS DSS-14 PASS-0629 (D/L ONLY)					1DP
1890	256 01:45:00	31				CFG CODES					1DP
1891	256 02:16:01	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
1981	257 05:11:15	31			SC32AJ	(10) PLS CONFIG CMD	FDS		07781:23:426F	06-256/15:16:13	1ECf
1982	257 05:44:46	31			SC32AJ	(11) PLS CONFIG CMD	FDS		07782:05:342F	06-256/15:49:44	1ECf
1983	257 06:19:50	31				ROLL TURN COMPLETE (NOMINAL)			07782:49:201F	06-256/16:24:47	1T
1984	257 06:19:50	31			CC7PC	(345) CMDED TURN COMPLETE	AACS		07782:49:200F	06-256/16:24:47	1ECa
1985	257 06:22:03	31			SC32AJ	(13) PLS CONFIG CMD	FDS		07782:52:026F	06-256/16:27:01	1ECf
1986	257 06:31:04	31				RESET CALIB			07783:03:218F	06-256/16:36:00	1T
1987	257 06:31:04	31			AC7PAR	(7530 000000) PARAMETER LOAD	AACS		07783:03:220F	06-256/16:36:01	1ECa
1988	257 06:31:34	31			CC7SS	(1) SS SEARCH ENABLE	AACS		07783:03:719F	06-256/16:36:31	1ECa
1989	257 06:31:34	31				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS	07783:03:719F	06-256/16:36:31	1ESa	
1990	257 06:31:34	31			CC7PC	(327) IDET ACQUIRED	AACS		07783:03:719F	06-256/16:36:31	1ECa
1991	257 06:31:34	31			CC7GARP	GYRO A OFF	PWR		07783:03:720F	06-256/16:36:31	1ECp
1992	257 06:31:34	31			CC7GARP	GYRO A OFF	PWR		07783:03:722F	06-256/16:36:31	1ECp
1993	257 06:31:34	31			CC7PC	(352) GYRO A OFF	AACS		07783:03:724F	06-256/16:36:31	1ECa
1994	257 06:31:34	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		07783:03:725F	06-256/16:36:31	1ECp
1995	257 06:31:35	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		07783:03:727F	06-256/16:36:31	1ECp
1996	257 06:31:35	31			CC7PC	(312) DUMMY PWR CMD	AACS		07783:03:729F	06-256/16:36:31	1ECa
1997	257 06:37:34	31			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		07783:11:319F	06-256/16:42:31	1ECa
1998	257 06:38:39	31				GYROS OFF			07783:12:601F	06-256/16:43:35	1T

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
1999	257 06:38:39	31					AACS		07783:12:602F	06-256/16:43:36	1ESa
						AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON					
2000	257 06:38:39	31			CC7PC	(307) STAR ACQUIRED	AACS		07783:12:602F	06-256/16:43:36	1ECa
2001	257 06:38:39	31			CC7GCRP	GYRO C OFF	PWR		07783:12:603F	06-256/16:43:36	1ECp
2002	257 06:38:39	31					AACS		07783:12:603F	06-256/16:43:36	1ESa
						AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF					
2003	257 06:38:39	31			CC7GCRP	GYRO C OFF	PWR		07783:12:605F	06-256/16:43:36	1ECp
2004	257 06:38:39	31			CC7PC	(372) GYRO C OFF	AACS		07783:12:607F	06-256/16:43:36	1ECa
2005	257 06:38:39	31			CC7GBRP	GYRO B OFF	PWR		07783:12:608F	06-256/16:43:36	1ECp
2006	257 06:38:39	31					AACS		07783:12:608F	06-256/16:43:36	1ESa
						AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF					
2007	257 06:38:39	31			CC7GBRP	GYRO B OFF	PWR		07783:12:610F	06-256/16:43:36	1ECp
2008	257 06:38:40	31			CC7PC	(362) GYRO B OFF	AACS		07783:12:612F	06-256/16:43:36	1ECa
2009	257 06:38:40	31			CC7GARP	GYRO A OFF	PWR		07783:12:613F	06-256/16:43:36	1ECp
2010	257 06:38:40	31			CC7GARP	GYRO A OFF	PWR		07783:12:615F	06-256/16:43:36	1ECp
2011	257 06:38:40	31			CC7PC	(352) GYRO A OFF	AACS		07783:12:617F	06-256/16:43:36	1ECa
2012	257 06:38:40	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		07783:12:617F	06-256/16:43:36	1ECp
2013	257 06:38:40	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		07783:12:619F	06-256/16:43:37	1ECp
2014	257 06:38:40	31			CC7PC	(312) DUMMY PWR CMD	AACS		07783:12:622F	06-256/16:43:37	1ECa

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
2076	259 11:25:42	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	FDS		07849:11:026F	06-258/21:30:13	1ECf
2077	259 11:26:29	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	07849:12:001F	06-258/21:30:59	1ESf
2078	259 11:26:29	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		07849:12:002F	06-258/21:31:00	1ECd
2079	259 11:26:29	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:2360	DTR		07849:12:002F	06-258/21:31:00	1ESd
2080	259 11:26:29	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		07849:12:002F	06-258/21:31:00	1ECs
2081	259 11:27:17	31			SC32AJ	(13) PLS CONFIG CMD	FDS		07849:13:009F	06-258/21:31:48	1ECf
2082	259 11:50:54	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2083	259 11:58:05	31	40 SET			10.2 DEGREE SET DSC-40					1V
2084	259 12:00:00	31				VGR-31 OWLT IS 13H 55M 29S					1L
2085	259 13:00:06	31				AHEL11 PWSREC 24			07851:09:018F	06-258/23:04:36	1T
2086	259 13:00:06	31				B- PWSREC.31			07851:09:018F	06-258/23:04:36	1TB
2087	259 13:00:06	31				BEGIN PWSREC.31			07851:09:018F	06-258/23:04:36	1T
2088	259 13:00:54	31				B- DRGS4B			07851:10:018F	06-258/23:05:24	1TB
2089	259 13:01:38	31				BEGIN RECORDING PWS DATA			07851:10:751F	06-258/23:06:08	1T
2090	259 13:01:43	31				B- DRCRUS			07851:11:034F	06-258/23:06:13	1TB
2091	259 13:03:19	31				END PWSREC.31			07851:13:034F	06-258/23:07:49	1T

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
2092	259 13:32:54	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		07851:50:002F	06-258/23:37:24	1ECd
2093	259 13:32:54	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2354	DTR		07851:50:002F	06-258/23:37:24	1ESd
2094	259 14:14:54	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		07852:42:400F	06-259/00:19:23	1ECd
2095	259 14:14:54	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1446	DTR		07852:42:400F	06-259/00:19:23	1ESd
2096	259 16:32:55	31			CC16C	(7015) DTR STATE SELECT: READY	DTR		07855:35:002F	06-259/02:37:24	1ECd
2097	259 16:32:55	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:1446	DTR		07855:35:002F	06-259/02:37:24	1ESd
2098	259 18:50:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0632 (D/L ONLY)					1DP
2099	259 18:50:00	31				CFG CODES					1DP
2100	259 19:23:36	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2101	259 22:05:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0632					1DP
2102	259 22:59:03	31	60 SET			15.0 DEGREE SET DSC-60					1V
2103	260 00:00:00	31				VGR-31 OWLT IS 13H 55M 35S					1L
2104	260 00:35:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0633 (D/L ONLY)					1DP
2105	260 00:35:00	31				CFG CODES					1DP
2106	260 02:50:58	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2107	260 05:15:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0633					1DP

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
2108	260 06:50:33	31	10 SET			10.2 DEGREE SET DSC-10					1V
2109	260 11:47:00	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2110	260 11:54:11	31	40 SET			10.2 DEGREE SET DSC-40					1V
2111	260 12:00:00	31				VGR-31 OWLT IS 13H 55M 41S					1L
2112	260 18:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0633 (D/L ONLY)					1DP
2113	260 18:45:00	31				CFG CODES					1DP
2114	260 19:19:41	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2115	260 22:05:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0633					1DP
2116	260 22:55:08	31	60 SET			15.0 DEGREE SET DSC-60					1V
2117	261 00:00:00	31				VGR-31 OWLT IS 13H 55M 46S					1L
2118	261 02:10:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0634 (D/L ONLY)					1DP
2119	261 02:10:00	31				CFG CODES					1DP
2120	261 02:47:02	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2121	261 06:46:37	31	10 SET			10.2 DEGREE SET DSC-10					1V
2122	261 07:25:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0634					1DP
2123	261 11:43:06	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2124	261 11:50:17	31	40 SET			10.2 DEGREE SET DSC-40					1V
2125	261 12:00:00	31				VGR-31 OWLT IS 13H 55M 52S					1L
2126	261 18:35:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0634 (D/L ONLY)					1DP
2127	261 18:35:00	31				CFG CODES					1DP
2128	261 19:15:47	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2129	261 22:00:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0634					1DP

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
2130	261 22:30:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0635 (D/L ONLY)					1DP
2131	261 22:30:00	31				CFG CODES					1DP
2132	261 22:51:14	31	60 SET			15.0 DEGREE SET DSC-60					1V
2133	262 00:00:00	31				VGR-31 OWLT IS 13H 55M 58S					1L
2134	262 02:43:05	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2135	262 05:15:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0635					1DP
2136	262 06:42:41	31	10 SET			10.2 DEGREE SET DSC-10					1V
2137	262 11:39:11	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2138	262 11:46:22	31	40 SET			10.2 DEGREE SET DSC-40					1V
2139	262 12:00:00	31				VGR-31 OWLT IS 13H 56M 04S					1L
2140	262 12:35:52	31			AC7SSB	(4 +144) SS BIAS CONTROL --- YAW	AACS		07940:38:003F	06-261/22:39:48	1ECa
2141	262 18:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0635 (D/L ONLY)					1DP
2142	262 18:30:00	31				CFG CODES					1DP
2143	262 19:11:53	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2144	262 22:00:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0635					1DP
2145	262 22:25:00	31	24 AOS	OPCH ACE		AOS DSS-24 PASS-0636 (D/L ONLY)					1DP
2146	262 22:25:00	31				CFG CODES					1DP
2147	262 22:47:22	31	60 SET			15.0 DEGREE SET DSC-60					1V
2148	263 00:00:00	31				VGR-31 OWLT IS 13H 56M 10S					1L
2149	263 02:39:09	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2150	263 04:25:00	31	24 LOS	OPCH ACE		LOS DSS-24 PASS-0636					1DP

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
2163	263 05:02:24	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		07961:11:002F	06-262/15:06:12	1ECs
2164	263 05:02:25	31				B- DRCRUS			07961:11:018F	06-262/15:06:12	1TB
2165	263 05:02:25	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	FDS		07961:11:026F	06-262/15:06:13	1ECf
2166	263 05:03:12	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	07961:12:001F	06-262/15:06:59	1ESf
2167	263 05:03:12	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		07961:12:002F	06-262/15:07:00	1ECd
2168	263 05:03:12	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:1739	DTR		07961:12:002F	06-262/15:07:00	1ESd
2169	263 05:03:12	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		07961:12:002F	06-262/15:07:00	1ECs
2170	263 05:04:00	31			SC32AJ	(13) PLS CONFIG CMD	FDS		07961:13:010F	06-262/15:07:48	1ECf
2171	263 05:04:01	31				END PWSREC.31			07961:13:018F	06-262/15:07:48	1T
2172	263 06:38:44	31	10	SET		10.2 DEGREE SET DSC-10					1V
2173	263 11:35:17	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
2174	263 11:42:28	31	40	SET		10.2 DEGREE SET DSC-40					1V
2175	263 12:00:00	31				VGR-31 OWLT IS 13H 56M 16S					1L
2176	263 15:30:00	31	65	AOS	OPCH ACE	AOS DSS-65 PASS-0636 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
2177	263 15:30:00	31				CFG CODES					1DP
2178	263 19:07:58	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2179	263 21:55:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0636					1DP
2180	263 22:43:27	31	60 SET			15.0 DEGREE SET DSC-60					1V
2181	264 00:00:00	31				VGR-31 OWLT IS 13H 56M 22S					1L
2182	264 01:00:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0637 (D/L ONLY)					1DP
2183	264 01:00:00	31				CFG CODES					1DP
2184	264 02:35:12	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2185	264 06:34:48	31	10 SET			10.2 DEGREE SET DSC-10					1V
2186	264 06:55:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0637					1DP
2187	264 11:31:23	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2188	264 11:38:34	31	40 SET			10.2 DEGREE SET DSC-40					1V
2189	264 12:00:00	31				VGR-31 OWLT IS 13H 56M 27S					1L
2190	264 15:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0637 (D/L ONLY)					1DP
2191	264 15:30:00	31				CFG CODES					1DP
2192	264 19:04:04	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2193	264 21:50:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0637					1DP
2194	264 22:30:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0638 (D/L ONLY)					1DP
2195	264 22:30:00	31				CFG CODES					1DP
2196	264 22:39:33	31	60 SET			15.0 DEGREE SET DSC-60					1V
2197	265 00:00:00	31				VGR-31 OWLT IS 13H 56M 33S					1L

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
2198	265 02:31:16	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2199	265 05:00:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0638					1DP
2200	265 06:30:52	31	10 SET			10.2 DEGREE SET DSC-10					1V
2201	265 11:27:29	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2202	265 11:34:40	31	40 SET			10.2 DEGREE SET DSC-40					1V
2203	265 12:00:00	31				VGR-31 OWLT IS 13H 56M 39S					1L
2204	265 15:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0638 (D/L ONLY)					1DP
2205	265 15:30:00	31				CFG CODES					1DP
2206	265 19:00:10	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2207	265 21:45:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0638					1DP
2208	265 22:35:41	31	60 SET			15.0 DEGREE SET DSC-60					1V
2209	265 23:40:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0639 (D/L ONLY)					1DP
2210	265 23:40:00	31				CFG CODES					1DP
2211	266 00:00:00	31				VGR-31 OWLT IS 13H 56M 45S					1L
2212	266 02:27:20	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2213	266 04:55:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0639					1DP
2214	266 06:26:56	31	10 SET			10.2 DEGREE SET DSC-10					1V
2215	266 08:00:37	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		08054:53:002F	06-265/18:03:48	1ECd
2216	266 08:00:37	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1745	DTR		08054:53:002F	06-265/18:03:48	1ESd
2217	266 08:28:46	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		08055:28:157F	06-265/18:31:57	1ECd

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
2229	266 11:03:02	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	08058:41:001F	06-265/21:06:11	1ESf
2230	266 11:03:02	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		08058:41:002F	06-265/21:06:12	1ECs
2231	266 11:03:03	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	FDS		08058:41:026F	06-265/21:06:13	1ECf
2232	266 11:03:50	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	08058:42:001F	06-265/21:06:59	1ESf
2233	266 11:03:50	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		08058:42:002F	06-265/21:07:00	1ECd
2234	266 11:03:50	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:2061	DTR		08058:42:002F	06-265/21:07:00	1ESd
2235	266 11:03:50	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		08058:42:002F	06-265/21:07:00	1ECs
2236	266 11:04:38	31			SC32AJ	(13) PLS CONFIG CMD	FDS		08058:43:009F	06-265/21:07:48	1ECf
2237	266 11:23:35	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2238	266 11:30:46	31	40 SET			10.2 DEGREE SET DSC-40					1V
2239	266 12:00:00	31				VGR-31 OWLT IS 13H 56M 51S					1L

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
2240	266 12:37:28	31				AHEL11 PWSREC 25			08060:39:018F	06-265/22:40:36	1T
2241	266 12:37:28	31				B- PWSREC.31			08060:39:018F	06-265/22:40:36	1TB
2242	266 12:37:28	31				BEGIN PWSREC.31			08060:39:018F	06-265/22:40:36	1T
2243	266 12:38:16	31				B- DRGS4B			08060:40:018F	06-265/22:41:24	1TB
2244	266 12:39:00	31				BEGIN RECORDING PWS DATA			08060:40:751F	06-265/22:42:08	1T
2245	266 12:39:05	31				B- DRCRUS			08060:41:034F	06-265/22:42:13	1TB
2246	266 12:40:41	31				END PWSREC.31			08060:43:034F	06-265/22:43:49	1T
2247	266 13:10:15	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		08061:20:002F	06-265/23:13:24	1ECd
2248	266 13:10:15	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2055	DTR		08061:20:002F	06-265/23:13:24	1ESd
2249	266 13:24:34	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		08061:37:714F	06-265/23:27:42	1ECd
2250	266 13:24:34	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1745	DTR		08061:37:714F	06-265/23:27:42	1ESd
2251	266 15:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0639 (D/L ONLY)					1DP
2252	266 15:30:00	31				CFG CODES					1DP
2253	266 16:10:17	31			CC16C	(7015) DTR STATE SELECT: READY	DTR		08065:05:002F	06-266/02:13:24	1ECd
2254	266 16:10:17	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:1745	DTR		08065:05:002F	06-266/02:13:24	1ESd
2255	266 18:56:16	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2256	266 21:20:00	31	24 AOS	OPCH ACE		AOS DSS-24 PASS-0640 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
2257	266 21:20:00	31				CFG CODES					1DP
2258	266 21:40:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0639					1DP
2259	266 22:31:47	31	60 SET			15.0 DEGREE SET DSC-60					1V
2260	267 00:00:00	31				VGR-31 OWLT IS 13H 56M 56S					1L
2261	267 02:23:23	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2262	267 04:10:00	31	24 LOS	OPCH ACE		LOS DSS-24 PASS-0640					1DP
2263	267 06:23:00	31	10 SET			10.2 DEGREE SET DSC-10					1V
2264	267 11:19:41	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2265	267 11:26:52	31	40 SET			10.2 DEGREE SET DSC-40					1V
2266	267 12:00:00	31				VGR-31 OWLT IS 13H 57M 02S					1L
2267	267 15:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0640 (D/L ONLY)					1DP
2268	267 15:30:00	31				CFG CODES					1DP
2269	267 18:52:21	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2270	267 20:50:30	31			AC7SSB	(4 +145) SS BIAS CONTROL --- YAW	AACS		08100:55:003F	06-267/06:53:24	1ECa
2271	267 21:40:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0640					1DP
2272	267 22:10:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0641 (D/L ONLY)					1DP
2273	267 22:10:00	31				CFG CODES					1DP
2274	267 22:27:55	31	60 SET			15.0 DEGREE SET DSC-60					1V
2275	268 00:00:00	31				VGR-31 OWLT IS 13H 57M 08S					1L
2276	268 02:19:27	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2277	268 04:10:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0641					1DP
2278	268 06:19:04	31	10 SET			10.2 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
2279	268 11:15:47	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2280	268 11:22:58	31	40 SET			10.2 DEGREE SET DSC-40					1V
2281	268 12:00:00	31				VGR-31 OWLT IS 13H 57M 14S					1L
2282	268 18:15:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0641 (D/L ONLY)					1DP
2283	268 18:15:00	31				CFG CODES					1DP
2284	268 18:48:27	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2285	268 21:35:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0641					1DP
2286	268 22:24:00	31	60 SET			14.9 DEGREE SET DSC-60					1V
2287	269 00:00:00	31				VGR-31 OWLT IS 13H 57M 19S					1L
2288	269 00:20:00	31	24 AOS	OPCH ACE		AOS DSS-24 PASS-0642 (D/L ONLY)					1DP
2289	269 00:20:00	31				CFG CODES					1DP
2290	269 02:15:31	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2291	269 04:00:00	31	24 LOS	OPCH ACE		LOS DSS-24 PASS-0642					1DP
2292	269 06:15:08	31	10 SET			10.2 DEGREE SET DSC-10					1V
2293	269 10:22:48	31			AC7SSB	(3 +016) SS BIAS CONTROL - PITCH	AACS		08147:50:003F	06-268/20:25:24	1ECa
2294	269 11:11:53	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2295	269 11:19:04	31	40 SET			10.2 DEGREE SET DSC-40					1V
2296	269 12:00:00	31				VGR-31 OWLT IS 13H 57M 25S					1L
2297	269 17:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0642 (D/L ONLY)					1DP
2298	269 17:45:00	31				CFG CODES					1DP
2299	269 18:44:33	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2300	269 21:15:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0642					1DP

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
2316	270 04:39:41	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:1745	DTR		08170:40:735F	06-269/14:42:08	1ESd
2317	270 04:39:45	31		ACE	OPCH	FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	08170:41:001F	06-269/14:42:11	1ESf
2318	270 04:39:45	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		08170:41:002F	06-269/14:42:12	1ECs
2319	270 04:39:46	31				B- DRCRUS			08170:41:018F	06-269/14:42:12	1TB
2320	270 04:39:46	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	FDS		08170:41:026F	06-269/14:42:13	1ECf
2321	270 04:40:00	31	26 LOS	OPCH	ACE	LOS DSS-26 PASS-0643					1DP
2322	270 04:40:33	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	08170:42:001F	06-269/14:42:59	1ESf
2323	270 04:40:33	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		08170:42:002F	06-269/14:43:00	1ECd
2324	270 04:40:33	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2038	DTR		08170:42:002F	06-269/14:43:00	1ESd

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
2325	270 04:40:33	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		08170:42:002F	06-269/14:43:00	1ECs
2326	270 04:41:21	31			SC32AJ	(13) PLS CONFIG CMD	FDS		08170:43:010F	06-269/14:43:48	1ECF
2327	270 04:41:22	31				END PWSREC.31			08170:43:018F	06-269/14:43:48	1T
2328	270 06:11:12	31	10 SET			10.2 DEGREE SET DSC-10					1V
2329	270 11:07:59	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2330	270 11:15:10	31	40 SET			10.2 DEGREE SET DSC-40					1V
2331	270 12:00:00	31				VGR-31 OWLT IS 13H 57M 37S					1L
2332	270 18:15:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0643 (D/L ONLY)					1DP
2333	270 18:15:00	31				CFG CODES					1DP
2334	270 21:25:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0643					1DP
2335	270 22:16:14	31	60 SET			14.9 DEGREE SET DSC-60					1V
2336	271 00:00:00	31				VGR-31 OWLT IS 13H 57M 42S					1L
2337	271 12:00:00	31				VGR-31 OWLT IS 13H 57M 48S					1L
2338	271 18:10:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0643 (D/L ONLY)					1DP
2339	271 18:10:00	31				CFG CODES					1DP
2340	271 20:45:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0643					1DP
2341	272 00:00:00	31				VGR-31 OWLT IS 13H 57M 54S					1L
2342	272 12:00:00	31				VGR-31 OWLT IS 13H 57M 59S					1L
2343	272 17:55:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0643 (D/L ONLY)					1DP
2344	272 17:55:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
2358	273 10:38:46	31			SC32AJ	(10) PLS CONFIG CMD	FDS		08268:09:009F	06-272/20:40:36	1ECf
2359	273 10:39:34	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		08268:10:009F	06-272/20:41:24	1ECf
2360	273 10:40:18	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		08268:10:735F	06-272/20:42:08	1ECd
2361	273 10:40:18	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:2055	DTR		08268:10:735F	06-272/20:42:08	1ESd
2362	273 10:40:22	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	08268:11:001F	06-272/20:42:11	1ESf
2363	273 10:40:22	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		08268:11:002F	06-272/20:42:12	1ECs
2364	273 10:40:23	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	FDS		08268:11:026F	06-272/20:42:13	1ECf
2365	273 10:41:10	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	08268:12:001F	06-272/20:42:59	1ESf
2366	273 10:41:10	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		08268:12:002F	06-272/20:43:00	1ECd

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
2367	273 10:41:10	31					DTR		08268:12:002F	06-272/20:43:00	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:1762					
2368	273 10:41:10	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		08268:12:002F	06-272/20:43:00	1ECs
2369	273 10:41:58	31			SC32AJ	(13) PLS CONFIG CMD	FDS		08268:13:009F	06-272/20:43:48	1ECF
2370	273 12:00:00	31				VGR-31 OWLT IS 13H 58M 11S					1L
2371	273 12:14:48	31				AHEL11 PWSREC 26			08270:09:018F	06-272/22:16:36	1T
2372	273 12:14:48	31				B- PWSREC.31			08270:09:018F	06-272/22:16:36	1TB
2373	273 12:14:48	31				BEGIN PWSREC.31			08270:09:018F	06-272/22:16:36	1T
2374	273 12:15:36	31				B- DRGS4B			08270:10:018F	06-272/22:17:24	1TB
2375	273 12:16:20	31				BEGIN RECORDING PWS DATA			08270:10:751F	06-272/22:18:08	1T
2376	273 12:16:25	31				B- DRCRUS			08270:11:034F	06-272/22:18:13	1TB
2377	273 12:18:01	31				END PWSREC.31			08270:13:034F	06-272/22:19:49	1T
2378	273 12:47:35	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		08270:50:002F	06-272/22:49:24	1ECd
2379	273 12:47:35	31					DTR		08270:50:002F	06-272/22:49:24	1ESd
						DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1756					
2380	273 13:00:54	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		08271:06:526F	06-272/23:02:43	1ECd
2381	273 13:00:54	31					DTR		08271:06:526F	06-272/23:02:43	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2044					
2382	273 15:47:36	31			CC16C	(7015) DTR STATE SELECT: READY	DTR		08274:35:002F	06-273/01:49:24	1ECd

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
2414	277 04:16:16	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		08380:10:009F	06-276/14:17:24	1ECf
2415	277 04:17:00	31				BEGIN RECORDING PWS DATA			08380:10:734F	06-276/14:18:07	1T
2416	277 04:17:00	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		08380:10:735F	06-276/14:18:08	1ECd
2417	277 04:17:00	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:2044	DTR		08380:10:735F	06-276/14:18:08	1ESd
2418	277 04:17:04	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	08380:11:001F	06-276/14:18:11	1ESf
2419	277 04:17:04	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		08380:11:002F	06-276/14:18:12	1ECs
2420	277 04:17:05	31				B- DRCRUS			08380:11:018F	06-276/14:18:12	1TB
2421	277 04:17:05	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	FDS		08380:11:026F	06-276/14:18:13	1ECf
2422	277 04:17:52	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	08380:12:001F	06-276/14:18:59	1ESf
2423	277 04:17:52	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		08380:12:002F	06-276/14:19:00	1ECd

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
2424	277 04:17:52	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2336	DTR		08380:12:002F	06-276/14:19:00	1ESd
2425	277 04:17:52	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		08380:12:002F	06-276/14:19:00	1ECs
2426	277 04:18:40	31			SC32AJ	(13) PLS CONFIG CMD	FDS		08380:13:010F	06-276/14:19:48	1ECf
2427	277 04:18:41	31				END PWSREC.31			08380:13:018F	06-276/14:19:48	1T
2428	277 12:00:00	31				VGR-31 OWLT IS 13H 58M 55S					1L
2429	277 16:05:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0643 (D/L ONLY)					1DP
2430	277 16:05:00	31				CFG CODES					1DP
2431	277 22:15:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0643					1DP
2432	278 00:00:00	31				VGR-31 OWLT IS 13H 59M 01S					1L
2433	278 12:00:00	31				VGR-31 OWLT IS 13H 59M 06S					1L
2434	278 13:19:43	31			AC7SSB	(4 +147) SS BIAS CONTROL --- YAW	AACS		08421:29:003F	06-277/23:20:36	1ECa
2435	278 15:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0643 (D/L ONLY)					1DP
2436	278 15:30:00	31				CFG CODES					1DP
2437	278 21:50:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0643					1DP
2438	279 00:00:00	31				VGR-31 OWLT IS 13H 59M 12S					1L
2439	279 12:00:00	31				VGR-31 OWLT IS 13H 59M 17S					1L
2440	279 15:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0643 (D/L ONLY)					1DP
2441	279 15:30:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A060 (TOL/A060F - EVTSDR/A060DB)

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
2455	280 10:16:52	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		08477:40:009F	06-279/20:17:24	1ECf
2456	280 10:17:36	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		08477:40:735F	06-279/20:18:08	1ECd
2457	280 10:17:36	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:1756	DTR		08477:40:735F	06-279/20:18:08	1ESd
2458	280 10:17:40	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	08477:41:001F	06-279/20:18:11	1ESf
2459	280 10:17:40	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		08477:41:002F	06-279/20:18:12	1ECs
2460	280 10:17:41	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	FDS		08477:41:026F	06-279/20:18:13	1ECf
2461	280 10:18:28	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	08477:42:001F	06-279/20:18:59	1ESf
2462	280 10:18:28	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		08477:42:002F	06-279/20:19:00	1ECd
2463	280 10:18:28	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:1464	DTR		08477:42:002F	06-279/20:19:00	1ESd

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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
2464	280 10:18:28	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		08477:42:002F	06-279/20:19:00	1ECs
2465	280 10:19:16	31			SC32AJ	(13) PLS CONFIG CMD	FDS		08477:43:009F	06-279/20:19:48	1ECF
2466	280 11:52:05	31				AHELI1 PWSREC 27			08479:39:018F	06-279/21:52:36	1T
2467	280 11:52:05	31				B- PWSREC.31			08479:39:018F	06-279/21:52:36	1TB
2468	280 11:52:05	31				BEGIN PWSREC.31			08479:39:018F	06-279/21:52:36	1T
2469	280 11:52:53	31				B- DRGS4B			08479:40:018F	06-279/21:53:24	1TB
2470	280 11:53:37	31				BEGIN RECORDING PWS DATA			08479:40:751F	06-279/21:54:08	1T
2471	280 11:53:42	31				B- DRCRUS			08479:41:034F	06-279/21:54:13	1TB
2472	280 11:55:18	31				END PWSREC.31			08479:43:034F	06-279/21:55:49	1T
2473	280 12:00:00	31				VGR-31 OWLT IS 13H 59M 28S					1L
2474	280 12:24:53	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		08480:20:002F	06-279/22:25:24	1ECd
2475	280 12:24:53	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1457	DTR		08480:20:002F	06-279/22:25:24	1ESd
2476	280 13:05:52	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		08481:11:184F	06-279/23:06:22	1ECd
2477	280 13:05:52	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2343	DTR		08481:11:184F	06-279/23:06:22	1ESd
2478	280 15:24:54	31			CC16C	(7015) DTR STATE SELECT: READY	DTR		08484:05:002F	06-280/01:25:24	1ECd
2479	280 15:24:54	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2343	DTR		08484:05:002F	06-280/01:25:24	1ESd

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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
2536	284 04:17:32	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	FDS		08590:10:010F	06-283/14:17:24	1ECf
2537	284 04:18:20	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	08590:11:001F	06-283/14:18:11	1ESf
2538	284 04:18:20	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		08590:11:002F	06-283/14:18:11	1ECs
2539	284 04:18:21	31				END PMPCALLR			08590:11:018F	06-283/14:18:12	1T
2540	284 12:00:00	31				VGR-31 OWLT IS 14H 00M 11S					1L
2541	284 15:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0643 (D/L ONLY)					1DP
2542	284 15:30:00	31				CFG CODES					1DP
2543	284 21:55:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0643					1DP
2544	285 00:00:00	31				VGR-31 OWLT IS 14H 00M 17S					1L
2545	285 12:00:00	31				VGR-31 OWLT IS 14H 00M 22S					1L
2546	285 15:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0643 (D/L ONLY)					1DP
2547	285 15:30:00	31				CFG CODES					1DP
2548	285 21:55:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0643					1DP
2549	286 00:00:00	31				VGR-31 OWLT IS 14H 00M 27S					1L
2550	286 12:00:00	31				VGR-31 OWLT IS 14H 00M 33S					1L
2551	286 15:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0643 (D/L ONLY)					1DP

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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
2565	287 09:53:18	31			SC32AJ	(10) PLS CONFIG CMD	FDS		08687:09:009F	06-286/19:52:36	1ECf
2566	287 09:54:06	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	FDS		08687:10:009F	06-286/19:53:24	1ECf
2567	287 09:54:50	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		08687:10:735F	06-286/19:54:08	1ECd
2568	287 09:54:50	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:1457	DTR		08687:10:735F	06-286/19:54:08	1ESd
2569	287 09:54:54	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	08687:11:001F	06-286/19:54:11	1ESf
2570	287 09:54:54	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		08687:11:002F	06-286/19:54:12	1ECs
2571	287 09:54:55	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	FDS		08687:11:026F	06-286/19:54:13	1ECf
2572	287 09:55:42	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	08687:12:001F	06-286/19:54:59	1ESf
2573	287 09:55:42	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		08687:12:002F	06-286/19:55:00	1ECd

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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
2574	287 09:55:42	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:1165	DTR		08687:12:002F	06-286/19:55:00	1ESd
2575	287 09:55:42	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		08687:12:002F	06-286/19:55:00	1ECs
2576	287 09:56:30	31			SC32AJ	(13) PLS CONFIG CMD	FDS		08687:13:009F	06-286/19:55:48	1ECF
2577	287 11:29:20	31				AHEL11 PWSREC 28			08689:09:018F	06-286/21:28:36	1T
2578	287 11:29:20	31				B- PWSREC.31			08689:09:018F	06-286/21:28:36	1TB
2579	287 11:29:20	31				BEGIN PWSREC.31			08689:09:018F	06-286/21:28:36	1T
2580	287 11:30:08	31				B- DRGS4B			08689:10:018F	06-286/21:29:24	1TB
2581	287 11:30:52	31				BEGIN RECORDING PWS DATA			08689:10:751F	06-286/21:30:08	1T
2582	287 11:30:57	31				B- DRCRUS			08689:11:034F	06-286/21:30:13	1TB
2583	287 11:32:33	31				END PWSREC.31			08689:13:034F	06-286/21:31:49	1T
2584	287 12:00:00	31				VGR-31 OWLT IS 14H 00M 43S					1L
2585	287 12:02:07	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		08689:50:002F	06-286/22:01:24	1ECd
2586	287 12:02:07	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1158	DTR		08689:50:002F	06-286/22:01:24	1ESd
2587	287 13:10:48	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		08691:15:669F	06-286/23:10:04	1ECd
2588	287 13:10:48	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2642	DTR		08691:15:669F	06-286/23:10:04	1ESd
2589	287 15:02:08	31			CC16C	(7015) DTR STATE SELECT: READY	DTR		08693:35:002F	06-287/01:01:24	1ECd

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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
2590	287 15:02:08	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2642	DTR		08693:35:002F	06-287/01:01:24	1ESd
2591	287 17:05:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0643 (D/L ONLY)					1DP
2592	287 17:05:00	31				CFG CODES					1DP
2593	287 21:45:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0643					1DP
2594	288 00:00:00	31				VGR-31 OWLT IS 14H 00M 48S					1L
2595	288 12:00:00	31				VGR-31 OWLT IS 14H 00M 53S					1L
2596	288 15:40:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0643 (D/L ONLY)					1DP
2597	288 15:40:00	31				CFG CODES					1DP
2598	288 18:15:08	31			AC7SSB	(3 +015) SS BIAS CONTROL - PITCH	AACS		08727:36:003F	06-288/04:14:12	1ECa
2599	288 21:40:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0643					1DP
2600	289 00:00:00	31				VGR-31 OWLT IS 14H 00M 59S					1L
2601	289 05:48:49	31			AC7SSB	(4 +149) SS BIAS CONTROL --- YAW	AACS		08742:03:003F	06-288/15:47:48	1ECa
2602	289 12:00:00	31				VGR-31 OWLT IS 14H 01M 04S					1L
2603	289 17:05:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0643 (D/L ONLY)					1DP
2604	289 17:05:00	31				CFG CODES					1DP
2605	289 21:35:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0643					1DP
2606	289 22:40:56	31				A061 UPLINK			08763:08:001F	06-289/08:39:47	1T
2607	289 23:10:31	31				FINAL SPACECRAFT STATUS			08763:44:785F	06-289/09:09:23	1TI
2608	289 23:10:31	31				RADIO STATUS			08763:44:785F	06-289/09:09:23	1TI
2609	289 23:10:31	31			DC2AR	S-BAND RANGING OFF			08763:44:785F	06-289/09:09:23	1TI

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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
2610	289 23:10:31	31			DC2DR	S-BAND LO PWR			08763:44:785F	06-289/09:09:23	1TI
2611	289 23:10:31	31			DC2HR	X-BAND LO PWR			08763:44:785F	06-289/09:09:23	1TI
2612	289 23:10:31	31			DC2N	X-BAND RANGING ON			08763:44:785F	06-289/09:09:23	1TI
2613	289 23:10:31	31			DC2P	2 WAY NON-COHERENT ON			08763:44:785F	06-289/09:09:23	1TI
2614	289 23:10:31	31			DC2QR	USO OFF			08763:44:785F	06-289/09:09:23	1TI
2615	289 23:10:31	31			CC2BRP	S-BAND EXC-2 SEL			08763:44:785F	06-289/09:09:23	1TI
2616	289 23:10:31	31			CC2CRP	S-BAND TRANS-2 SEL			08763:44:785F	06-289/09:09:23	1TI
2617	289 23:10:31	31			CC2FP	RCVR-1 SEL			08763:44:785F	06-289/09:09:23	1TI
2618	289 23:10:31	31			CC2JP	X-BAND EXC-1 SEL			08763:44:785F	06-289/09:09:23	1TI
2619	289 23:10:31	31			CC2GP	X-BAND ON			08763:44:785F	06-289/09:09:23	1TI
2620	289 23:10:31	31			CC2KRP	S-BAND OFF			08763:44:785F	06-289/09:09:23	1TI
2621	289 23:10:31	31			CC2LP	X-BAND TWTA-1 SEL			08763:44:785F	06-289/09:09:23	1TI
2622	289 23:10:31	31			CC2MP	S-BAND EXC ON			08763:44:785F	06-289/09:09:23	1TI
2623	289 23:10:31	31			DC2E	HGA SELECT			08763:44:785F	06-289/09:09:23	1TI
2624	289 23:10:31	31			CC1T	BAY 1 HTR ON			08763:44:785F	06-289/09:09:23	1TI
2625	289 23:10:31	31				MDS STATUS			08763:44:785F	06-289/09:09:23	1TI
2626	289 23:10:31	31			CC3BP	TMU ON			08763:44:785F	06-289/09:09:23	1TI
2627	289 23:10:31	31			CC3GP	TMU-A SEL			08763:44:785F	06-289/09:09:23	1TI
2628	289 23:10:31	31			CC3HP	CDU-A SEL			08763:44:785F	06-289/09:09:23	1TI
2629	289 23:10:31	31			CC3A	32310 X-BAND			08763:44:785F	06-289/09:09:23	1TI
2630	289 23:10:31	31			CC3A	28301 S-BAND			08763:44:785F	06-289/09:09:23	1TI
2631	289 23:10:31	31				POWER STATUS			08763:44:785F	06-289/09:09:23	1TI
2632	289 23:10:31	31			CC4A	UNDERVOLTAGE TRIP RESET			08763:44:785F	06-289/09:09:23	1TI

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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
2633	289 23:10:31	31			CC4K	RTG-1 DIODE BYPASS ON			08763:44:785F	06-289/09:09:23	1TI
2634	289 23:10:31	31			CC4L	RTG-2 DIODE BYPASS ON			08763:44:785F	06-289/09:09:23	1TI
2635	289 23:10:31	31			CC4M	RTG-3 DIODE BYPASS ON			08763:44:785F	06-289/09:09:23	1TI
2636	289 23:10:31	31				CCS STATUS			08763:44:785F	06-289/09:09:23	1TI
2637	289 23:10:31	31			DC5AR	CCS TOL DET ENABLE			08763:44:785F	06-289/09:09:23	1TI
2638	289 23:10:31	31				FDS STATUS			08763:44:785F	06-289/09:09:23	1TI
2639	289 23:10:31	31			CC6CP	FDS ON/ISS PWR ENABLE			08763:44:785F	06-289/09:09:23	1TI
2640	289 23:10:31	31			CC6AA	1 SVC-W1			08763:44:785F	06-289/09:09:23	1TI
2641	289 23:10:31	31			CC6AD	3200 SVC-W4			08763:44:785F	06-289/09:09:23	1TI
2642	289 23:10:31	31			CC6AE	30011 SVC-W5			08763:44:785F	06-289/09:09:23	1TI
2643	289 23:10:31	31			CC6AP	FDS PWR CONV A SEL			08763:44:785F	06-289/09:09:23	1TI
2644	289 23:10:31	31			CC6AB	01000 SVC-W2			08763:44:785F	06-289/09:09:23	1TI
2645	289 23:10:31	31			SC06BB	530070 FDS DATA MODE			08763:44:785F	06-289/09:09:23	1TI
2646	289 23:10:31	31				AACS STATUS			08763:44:785F	06-289/09:09:23	1TI
2647	289 23:10:31	31			AC7PCG	14 HYBIC 2 PWR ON			08763:44:785F	06-289/09:09:23	1TI
2648	289 23:10:31	31			CC7ML	05 CST ON			08763:44:785F	06-289/09:09:23	1TI
2649	289 23:10:31	31			AC7CTG	10 394 CST HI GATE			08763:44:785F	06-289/09:09:23	1TI
2650	289 23:10:31	31			AC7CTG	11 442 CST LO GATE			08763:44:785F	06-289/09:09:23	1TI
2651	289 23:10:31	31			AC7GYP	111 GYRO PATTERN			08763:44:785F	06-289/09:09:23	1TI
2652	289 23:10:31	31			AC7PCG	52 GYRO A OFF			08763:44:785F	06-289/09:09:23	1TI
2653	289 23:10:31	31			AC7PCG	62 GYRO B OFF			08763:44:785F	06-289/09:09:23	1TI
2654	289 23:10:31	31			AC7PCG	72 GYRO C OFF			08763:44:785F	06-289/09:09:23	1TI
2655	289 23:10:31	31			AC7PAR	7530 000000 GYRO OFF NORM			08763:44:785F	06-289/09:09:23	1TI

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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
2656	289 23:10:31	31			AC7PAR	6740 000740 PITCH DEADBAND			08763:44:785F	06-289/09:09:23	1TI
2657	289 23:10:31	31			AC7PAR	6741 001700 YAW DEADBAND			08763:44:785F	06-289/09:09:23	1TI
2658	289 23:10:31	31			AC7PAR	6742 004540 ROLL DEADBAND			08763:44:785F	06-289/09:09:23	1TI
2659	289 23:10:31	31			DEADBAND	DEAD BAND STATE: 05 10 25			08763:44:785F	06-289/09:09:23	1TI
2660	289 23:10:31	31			CC7SS	1 AACS TO RAI			08763:44:785F	06-289/09:09:23	1TI
2661	289 23:10:31	31			CC7CT	01 CST CONE ANGLE 1			08763:44:785F	06-289/09:09:23	1TI
2662	289 23:10:31	31			AC7DDB	000480 DEAD BAND CONTROL			08763:44:785F	06-289/09:09:23	1TI
2663	289 23:10:31	31			CC7AHRP	SS HTR A OFF			08763:44:785F	06-289/09:09:23	1TI
2664	289 23:10:31	31			CC7BHP	SS HTR B ON			08763:44:785F	06-289/09:09:23	1TI
2665	289 23:10:31	31			CC7ML	01 FDS CHAN A			08763:44:785F	06-289/09:09:23	1TI
2666	289 23:10:31	31			CC7ML	09 TCAPU FAULT ENA			08763:44:785F	06-289/09:09:23	1TI
2667	289 23:10:31	31			AC7PCG	61 AACS BAY 6 HTR A OFF			08763:44:785F	06-289/09:09:23	1TI
2668	289 23:10:31	31			AC7PCG	71 AACS BAY 6 HTR B OFF			08763:44:785F	06-289/09:09:23	1TI
2669	289 23:10:31	31			CC7MMRP	PROC/MEM 2 SELECT			08763:44:785F	06-289/09:09:23	1TI
2670	289 23:10:31	31			CC7SHRP	AZ SCAN ACTUATOR HTR OFF			08763:44:785F	06-289/09:09:23	1TI
2671	289 23:10:31	31			AC7PCG	22 CST SUN SHUTTER OFF			08763:44:785F	06-289/09:09:23	1TI
2672	289 23:10:31	31			AC7PCG	10 ISO VALVE BRANCH 1 OFF			08763:44:785F	06-289/09:09:23	1TI
2673	289 23:10:31	31			AC7PCG	20 ISO VALVE BRANCH 2 OFF			08763:44:785F	06-289/09:09:23	1TI
2674	289 23:10:31	31			CC1PHP	SCAN PLAT SUPL HTR ON			08763:44:785F	06-289/09:09:23	1TI
2675	289 23:10:31	31			CC77MRP	MAM OFF			08763:44:785F	06-289/09:09:23	1TI
2676	289 23:10:31	31			DC77PR	NON-PRIME FCP/MEM OFF			08763:44:785F	06-289/09:09:23	1TI
2677	289 23:10:31	31			DC77XR	MAM COMMAND DISABLE			08763:44:785F	06-289/09:09:23	1TI
2678	289 23:10:31	31				PYRO STATUS			08763:44:785F	06-289/09:09:23	1TI

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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
2679	289 23:10:31	31			CC8D	PSU INSTRUMENTATION ON			08763:44:785F	06-289/09:09:23	1TI
2680	289 23:10:31	31			DC8XR	PYRO DISABLE			08763:44:785F	06-289/09:09:23	1TI
2681	289 23:10:31	31				PROPULSION STATUS			08763:44:785F	06-289/09:09:23	1TI
2682	289 23:10:31	31			CC10CRP	TCM HTR OFF			08763:44:785F	06-289/09:09:23	1TI
2683	289 23:10:31	31			CC10DR	AP BR1 HTR OFF			08763:44:785F	06-289/09:09:23	1TI
2684	289 23:10:31	31			CC10ER	AP BR2 HTR OFF			08763:44:785F	06-289/09:09:23	1TI
2685	289 23:10:31	31			CC10TRP	TCM LINE HTRS OFF			08763:44:785F	06-289/09:09:23	1TI
2686	289 23:10:31	31				DSS STATUS			08763:44:785F	06-289/09:09:23	1TI
2687	289 23:10:31	31			CC16BR	DSS 10 W REPL HTR OFF			08763:44:785F	06-289/09:09:23	1TI
2688	289 23:10:31	31			CC16AP	DSS ON			08763:44:785F	06-289/09:09:23	1TI
2689	289 23:10:31	31			CC1DR	BAY 2 19 W HTR OFF			08763:44:785F	06-289/09:09:23	1TI
2690	289 23:10:31	31			CC16C	7215 DSS CONTROL			08763:44:785F	06-289/09:09:23	1TI
2691	289 23:10:31	31				SCIENCE PWR STATUS			08763:44:785F	06-289/09:09:23	1TI
2692	289 23:10:31	31			CC1CR	MAG COIL OFF			08763:44:785F	06-289/09:09:23	1TI
2693	289 23:10:31	31			CC21A	CRS ON			08763:44:785F	06-289/09:09:23	1TI
2694	289 23:10:31	31			CC21B	CRS REPL HTR ON			08763:44:785F	06-289/09:09:23	1TI
2695	289 23:10:31	31			CC21CR	CRS SUPP HTR OFF			08763:44:785F	06-289/09:09:23	1TI
2696	289 23:10:31	31			CC22A	PRA ON			08763:44:785F	06-289/09:09:23	1TI
2697	289 23:10:31	31			CC23A	PWS ON			08763:44:785F	06-289/09:09:23	1TI
2698	289 23:10:31	31			CC25A	LECP ON			08763:44:785F	06-289/09:09:23	1TI
2699	289 23:10:31	31			CC25B	LECP STEPPER MOTOR ON			08763:44:785F	06-289/09:09:23	1TI
2700	289 23:10:31	31			CC25CR	LECP REPL HTR OFF			08763:44:785F	06-289/09:09:23	1TI
2701	289 23:10:31	31			CC25D	LECP MAIN SUPP HTR ON			08763:44:785F	06-289/09:09:23	1TI

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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
2702	289 23:10:31	31			CC25E	LECP LEPT SUPP HTR ON			08763:44:785F	06-289/09:09:23	1TI
2703	289 23:10:31	31			CC27BR	PPS SUPP HTR OFF			08763:44:785F	06-289/09:09:23	1TI
2704	289 23:10:31	31			CC32A	PLS ON			08763:44:785F	06-289/09:09:23	1TI
2705	289 23:10:31	31			CC32BR	PLS SUPP HTR OFF			08763:44:785F	06-289/09:09:23	1TI
2706	289 23:10:31	31			CC32C	PLS REPL HTR ON			08763:44:785F	06-289/09:09:23	1TI
2707	289 23:10:31	31			CC34A	UVS ON			08763:44:785F	06-289/09:09:23	1TI
2708	289 23:10:31	31			CC34B	UVS REPL HTR ON			08763:44:785F	06-289/09:09:23	1TI
2709	289 23:10:31	31			CC35AR	MAG OFF			08763:44:785F	06-289/09:09:23	1TI
2710	289 23:10:31	31			CC35B	MAG STANDBY ON			08763:44:785F	06-289/09:09:23	1TI
2711	289 23:10:31	31			CC35GR	MAG SENSOR HTR OFF			08763:44:785F	06-289/09:09:23	1TI
2712	289 23:10:31	31			CC36GR	ISS WA VID REPL HTR OFF			08763:44:785F	06-289/09:09:23	1TI
2713	289 23:10:31	31			CC36HR	ISS WA ELEC REPL HTR OFF			08763:44:785F	06-289/09:09:23	1TI
2714	289 23:10:31	31			CC36CRP	ISS NA OPTICS HTR OFF			08763:44:785F	06-289/09:09:23	1TI
2715	289 23:10:31	31			CC36FRP	ISS NA VID REPL HTR OFF			08763:44:785F	06-289/09:09:23	1TI
2716	289 23:10:31	31			CC36JP	ISS NA ELEC REPL HTR ON			08763:44:785F	06-289/09:09:23	1TI
2717	289 23:10:31	31			CC39D	IRIS REPL HTR ON			08763:44:785F	06-289/09:09:23	1TI
2718	289 23:10:31	31			CC39FR	IRIS STANDBY A SUPPLY OFF			08763:44:785F	06-289/09:09:23	1TI
2719	289 23:10:31	31			CC39BR	IRIS STANDBY B SUPPLY OFF			08763:44:785F	06-289/09:09:23	1TI
2720	289 23:10:31	31				SCIENCE INSTRUMENT STATUS			08763:44:785F	06-289/09:09:23	1TI
2721	289 23:10:31	31			SC21AF	01000 CRS CMD WORD			08763:44:785F	06-289/09:09:23	1TI
2722	289 23:10:31	31			SC21AF	02000 CRS CMD WORD			08763:44:785F	06-289/09:09:23	1TI
2723	289 23:10:31	31			SC21AF	03000 CRS CMD WORD			08763:44:785F	06-289/09:09:23	1TI
2724	289 23:10:31	31			SC21AF	04000 CRS CMD WORD			08763:44:785F	06-289/09:09:23	1TI

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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
2725	289 23:10:31	31			SC21AF	05300 CRS CMD WORD			08763:44:785F	06-289/09:09:23	1TI
2726	289 23:10:31	31			SC21AF	06000 CRS CMD WORD			08763:44:785F	06-289/09:09:23	1TI
2727	289 23:10:31	31			SC21AF	07200 CRS CMD WORD			08763:44:785F	06-289/09:09:23	1TI
2728	289 23:10:31	31			SC21AF	08200 CRS CMD WORD			08763:44:785F	06-289/09:09:23	1TI
2729	289 23:10:31	31			SC21AF	10000 CRS CMD WORD			08763:44:785F	06-289/09:09:23	1TI
2730	289 23:10:31	31			SC21AF	11000 CRS CMD WORD			08763:44:785F	06-289/09:09:23	1TI
2731	289 23:10:31	31			SC21AF	12000 CRS CMD WORD			08763:44:785F	06-289/09:09:23	1TI
2732	289 23:10:31	31			SC21AF	13012 CRS CMD WORD			08763:44:785F	06-289/09:09:23	1TI
2733	289 23:10:31	31			SC21AG	CRS HV FLAG			08763:44:785F	06-289/09:09:23	1TI
2734	289 23:10:31	31			SC21AH	CRS CAL-ST FLAG			08763:44:785F	06-289/09:09:23	1TI
2735	289 23:10:31	31			SC22AF	1347 PRA CONFIGURATION CMD			08763:44:785F	06-289/09:09:23	1TI
2736	289 23:10:31	31			SC22NU	0000 PRA MODE SELECT			08763:44:785F	06-289/09:09:23	1TI
2737	289 23:10:31	31			SC23AD	5 PWS CMD WORD			08763:44:785F	06-289/09:09:23	1TI
2738	289 23:10:31	31			SC25AH	1777 LECP CMD WORD			08763:44:785F	06-289/09:09:23	1TI
2739	289 23:10:31	31			SC25AH	2417 LECP CMD WORD			08763:44:785F	06-289/09:09:23	1TI
2740	289 23:10:31	31			SC25AH	5600 LECP CMD WORD			08763:44:785F	06-289/09:09:23	1TI
2741	289 23:10:31	31			SC25AH	6032 LECP CMD WORD			08763:44:785F	06-289/09:09:23	1TI
2742	289 23:10:31	31			SC25AJ	1 LECP MOTOR STEP CMD			08763:44:785F	06-289/09:09:23	1TI
2743	289 23:10:31	31			SC25AN	0 LECP NEAR/FAR ENC			08763:44:785F	06-289/09:09:23	1TI
2744	289 23:10:31	31			SC25AQ	5200 LECP SAFE CMD			08763:44:785F	06-289/09:09:23	1TI
2745	289 23:10:31	31			SC32AF	2 PLS E1 INT/AMP GAIN			08763:44:785F	06-289/09:09:23	1TI
2746	289 23:10:31	31			SC32AG	2 PLS E2 INT/AMP GAIN			08763:44:785F	06-289/09:09:23	1TI
2747	289 23:10:31	31			SC32AH	3 PLS M INT/AMP GAIN			08763:44:785F	06-289/09:09:23	1TI

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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
2748	289 23:10:31	31			SC32AJ	13 PLS CONFIG CMD			08763:44:785F	06-289/09:09:23	1TI
2749	289 23:10:31	31			SC32AK	2 PLS L INT/AMP GAIN			08763:44:785F	06-289/09:09:23	1TI
2750	289 23:10:31	31			SC32AL	216 PLS M START WORD 1			08763:44:785F	06-289/09:09:23	1TI
2751	289 23:10:31	31			SC32AM	216 PLS M START WORD 2			08763:44:785F	06-289/09:09:23	1TI
2752	289 23:10:31	31			SC32AN	2 PLS M MODE			08763:44:785F	06-289/09:09:23	1TI
2753	289 23:10:31	31			SC32AP	3 PLS E1 SHRT			08763:44:785F	06-289/09:09:23	1TI
2754	289 23:10:31	31			SC32AQ	3 PLS E2 SHRT			08763:44:785F	06-289/09:09:23	1TI
2755	289 23:10:31	31			SC32AR	3 PLS L SHORT			08763:44:785F	06-289/09:09:23	1TI
2756	289 23:10:31	31			SC32AS	2 PLS E1 LONG			08763:44:785F	06-289/09:09:23	1TI
2757	289 23:10:31	31			SC32AT	2 PLS E2 LONG			08763:44:785F	06-289/09:09:23	1TI
2758	289 23:10:31	31			SC32AU	2 PLS L LONG			08763:44:785F	06-289/09:09:23	1TI
2759	289 23:10:31	31			SC34AE	13 UVS MODE/HV LEVEL			08763:44:785F	06-289/09:09:23	1TI
2760	289 23:10:31	31			SC34AF	0 UVS READ OUT FLAG			08763:44:785F	06-289/09:09:23	1TI
2761	289 23:10:31	31			SC35AI	030001 MAG HFM/EL FLIP/IFC/LFM			08763:44:785F	06-289/09:09:23	1TI
2762	289 23:10:31	31			SC35AO	030001 MAG HFM/PRIME/IFC/LFM RAN			08763:44:785F	06-289/09:09:23	1TI