

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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	287 21:10:38	31				INITIAL SPACECRAFT STATUS			30409:44:785F	02-287/09:09:23	1TI
2	287 21:10:38	31				RADIO STATUS			30409:44:785F	02-287/09:09:23	1TI
3	287 21:10:38	31			DC2AR	S-BAND RANGING OFF			30409:44:785F	02-287/09:09:23	1TI
4	287 21:10:38	31			DC2DR	S-BAND LO PWR			30409:44:785F	02-287/09:09:23	1TI
5	287 21:10:38	31			DC2HR	X-BAND LO PWR			30409:44:785F	02-287/09:09:23	1TI
6	287 21:10:38	31			DC2N	X-BAND RANGING ON			30409:44:785F	02-287/09:09:23	1TI
7	287 21:10:38	31			DC2P	2 WAY NON-COHERENT ON			30409:44:785F	02-287/09:09:23	1TI
8	287 21:10:38	31			DC2QR	USO OFF			30409:44:785F	02-287/09:09:23	1TI
9	287 21:10:38	31			CC2BRP	S-BAND EXC-2 SEL			30409:44:785F	02-287/09:09:23	1TI
10	287 21:10:38	31			CC2CRP	S-BAND TRANS-2 SEL			30409:44:785F	02-287/09:09:23	1TI
11	287 21:10:38	31			CC2FP	RCVR-1 SEL			30409:44:785F	02-287/09:09:23	1TI
12	287 21:10:38	31			CC2JP	X-BAND EXC-1 SEL			30409:44:785F	02-287/09:09:23	1TI
13	287 21:10:38	31			CC2GP	X-BAND ON			30409:44:785F	02-287/09:09:23	1TI
14	287 21:10:38	31			CC2KRP	S-BAND OFF			30409:44:785F	02-287/09:09:23	1TI
15	287 21:10:38	31			CC2LP	X-BAND TWTA-1 SEL			30409:44:785F	02-287/09:09:23	1TI
16	287 21:10:38	31			CC2MP	S-BAND EXC ON			30409:44:785F	02-287/09:09:23	1TI
17	287 21:10:38	31			DC2E	HGA SELECT			30409:44:785F	02-287/09:09:23	1TI
18	287 21:10:38	31			CC1T	BAY 1 HTR ON			30409:44:785F	02-287/09:09:23	1TI
19	287 21:10:38	31				MDS STATUS			30409:44:785F	02-287/09:09:23	1TI
20	287 21:10:38	31			CC3BP	TMU ON			30409:44:785F	02-287/09:09:23	1TI
21	287 21:10:38	31			CC3GP	TMU-A SEL			30409:44:785F	02-287/09:09:23	1TI
22	287 21:10:38	31			CC3HP	CDU-A SEL			30409:44:785F	02-287/09:09:23	1TI
23	287 21:10:38	31			CC3A	32310 X-BAND			30409:44:785F	02-287/09:09:23	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	287 21:10:38	31			CC3A	28301 S-BAND			30409:44:785F	02-287/09:09:23	1TI
25	287 21:10:38	31				POWER STATUS			30409:44:785F	02-287/09:09:23	1TI
26	287 21:10:38	31			CC4A	UNDERVOLTAGE TRIP RESET			30409:44:785F	02-287/09:09:23	1TI
27	287 21:10:38	31			CC4K	RTG-1 DIODE BYPASS ON			30409:44:785F	02-287/09:09:23	1TI
28	287 21:10:38	31			CC4L	RTG-2 DIODE BYPASS ON			30409:44:785F	02-287/09:09:23	1TI
29	287 21:10:38	31			CC4M	RTG-3 DIODE BYPASS ON			30409:44:785F	02-287/09:09:23	1TI
30	287 21:10:38	31				CCS STATUS			30409:44:785F	02-287/09:09:23	1TI
31	287 21:10:38	31			DC5AR	CCS TOL DET ENABLE			30409:44:785F	02-287/09:09:23	1TI
32	287 21:10:38	31				FDS STATUS			30409:44:785F	02-287/09:09:23	1TI
33	287 21:10:38	31			CC6CP	FDS ON/ISS PWR ENABLE			30409:44:785F	02-287/09:09:23	1TI
34	287 21:10:38	31			CC6AA	1 SVC-W1			30409:44:785F	02-287/09:09:23	1TI
35	287 21:10:38	31			CC6AD	3200 SVC-W4			30409:44:785F	02-287/09:09:23	1TI
36	287 21:10:38	31			CC6AE	30011 SVC-W5			30409:44:785F	02-287/09:09:23	1TI
37	287 21:10:38	31			CC6AP	FDS PWR CONV A SEL			30409:44:785F	02-287/09:09:23	1TI
38	287 21:10:38	31			CC6AB	01000 SVC-W2			30409:44:785F	02-287/09:09:23	1TI
39	287 21:10:38	31			SC06BB	530070 FDS DATA MODE			30409:44:785F	02-287/09:09:23	1TI
40	287 21:10:38	31				AACS STATUS			30409:44:785F	02-287/09:09:23	1TI
41	287 21:10:38	31			AC7PCG	14 HYBIC 2 PWR ON			30409:44:785F	02-287/09:09:23	1TI
42	287 21:10:38	31			CC7ML	05 CST ON			30409:44:785F	02-287/09:09:23	1TI
43	287 21:10:38	31			AC7CTG	10 394 CST HI GATE			30409:44:785F	02-287/09:09:23	1TI
44	287 21:10:38	31			AC7CTG	11 442 CST LO GATE			30409:44:785F	02-287/09:09:23	1TI
45	287 21:10:38	31			AC7GYP	000 GYRO PATTERN			30409:44:785F	02-287/09:09:23	1TI
46	287 21:10:38	31			AC7PCG	52 GYRO A OFF			30409:44:785F	02-287/09:09:23	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
47	287 21:10:38	31			AC7PCG	62 GYRO B OFF			30409:44:785F	02-287/09:09:23	1TI
48	287 21:10:38	31			AC7PCG	72 GYRO C OFF			30409:44:785F	02-287/09:09:23	1TI
49	287 21:10:38	31			AC7PAR	7530 000000 GYRO OFF NORM			30409:44:785F	02-287/09:09:23	1TI
50	287 21:10:38	31			AC7PAR	6740 000740 PITCH DEADBAND			30409:44:785F	02-287/09:09:23	1TI
51	287 21:10:38	31			AC7PAR	6741 001700 YAW DEADBAND			30409:44:785F	02-287/09:09:23	1TI
52	287 21:10:38	31			AC7PAR	6742 004540 ROLL DEADBAND			30409:44:785F	02-287/09:09:23	1TI
53	287 21:10:38	31			DEADBAND	DEAD BAND STATE: 05 10 25			30409:44:785F	02-287/09:09:23	1TI
54	287 21:10:38	31			CC7SS	1 AACS TO RAI			30409:44:785F	02-287/09:09:23	1TI
55	287 21:10:38	31			CC7CT	01 CST CONE ANGLE 1			30409:44:785F	02-287/09:09:23	1TI
56	287 21:10:38	31			AC7DDB	000480 DEAD BAND CONTROL			30409:44:785F	02-287/09:09:23	1TI
57	287 21:10:38	31			CC7AHRP	SS HTR A OFF			30409:44:785F	02-287/09:09:23	1TI
58	287 21:10:38	31			CC7BHP	SS HTR B ON			30409:44:785F	02-287/09:09:23	1TI
59	287 21:10:38	31			CC7ML	01 FDS CHAN A			30409:44:785F	02-287/09:09:23	1TI
60	287 21:10:38	31			CC7ML	09 TCAPU FAULT ENA			30409:44:785F	02-287/09:09:23	1TI
61	287 21:10:38	31			AC7PCG	61 AACS BAY 6 HTR A OFF			30409:44:785F	02-287/09:09:23	1TI
62	287 21:10:38	31			AC7PCG	71 AACS BAY 6 HTR B OFF			30409:44:785F	02-287/09:09:23	1TI
63	287 21:10:38	31			CC7MMRP	PROC/MEM 2 SELECT			30409:44:785F	02-287/09:09:23	1TI
64	287 21:10:38	31			CC7SHP	AZ SCAN ACTUATOR HTR ON			30409:44:785F	02-287/09:09:23	1TI
65	287 21:10:38	31			AC7PCG	22 CST SUN SHUTTER OFF			30409:44:785F	02-287/09:09:23	1TI
66	287 21:10:38	31			AC7PCG	10 ISO VALVE BRANCH 1 OFF			30409:44:785F	02-287/09:09:23	1TI
67	287 21:10:38	31			AC7PCG	20 ISO VALVE BRANCH 2 OFF			30409:44:785F	02-287/09:09:23	1TI
68	287 21:10:38	31			CC1PHRP	SCAN PLAT SUPL HTR OFF			30409:44:785F	02-287/09:09:23	1TI
69	287 21:10:38	31			CC77MRP	MAM OFF			30409:44:785F	02-287/09:09:23	1TI

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70	287 21:10:38	31			DC77PR	NON-PRIME FCP/MEM OFF			30409:44:785F	02-287/09:09:23	1TI
71	287 21:10:38	31			DC77XR	MAM COMMAND DISABLE			30409:44:785F	02-287/09:09:23	1TI
72	287 21:10:38	31				PYRO STATUS			30409:44:785F	02-287/09:09:23	1TI
73	287 21:10:38	31			CC8D	PSU INSTRUMENTATION ON			30409:44:785F	02-287/09:09:23	1TI
74	287 21:10:38	31			DC8XR	PYRO DISABLE			30409:44:785F	02-287/09:09:23	1TI
75	287 21:10:38	31				PROPULSION STATUS			30409:44:785F	02-287/09:09:23	1TI
76	287 21:10:38	31			CC10CRP	TCM HTR OFF			30409:44:785F	02-287/09:09:23	1TI
77	287 21:10:38	31			CC10DR	AP BR1 HTR OFF			30409:44:785F	02-287/09:09:23	1TI
78	287 21:10:38	31			CC10ER	AP BR2 HTR OFF			30409:44:785F	02-287/09:09:23	1TI
79	287 21:10:38	31			CC10TRP	TCM LINE HTRS OFF			30409:44:785F	02-287/09:09:23	1TI
80	287 21:10:38	31				DSS STATUS			30409:44:785F	02-287/09:09:23	1TI
81	287 21:10:38	31			CC16BR	DSS 10 W REPL HTR OFF			30409:44:785F	02-287/09:09:23	1TI
82	287 21:10:38	31			CC16AP	DSS ON			30409:44:785F	02-287/09:09:23	1TI
83	287 21:10:38	31			CC1DR	BAY 2 19 W HTR OFF			30409:44:785F	02-287/09:09:23	1TI
84	287 21:10:38	31			CC16C	7215 DSS CONTROL			30409:44:785F	02-287/09:09:23	1TI
85	287 21:10:38	31				SCIENCE PWR STATUS			30409:44:785F	02-287/09:09:23	1TI
86	287 21:10:38	31			CC1CR	MAG COIL OFF			30409:44:785F	02-287/09:09:23	1TI
87	287 21:10:38	31			CC21A	CRS ON			30409:44:785F	02-287/09:09:23	1TI
88	287 21:10:38	31			CC21B	CRS REPL HTR ON			30409:44:785F	02-287/09:09:23	1TI
89	287 21:10:38	31			CC21CR	CRS SUPP HTR OFF			30409:44:785F	02-287/09:09:23	1TI
90	287 21:10:38	31			CC22A	PRA ON			30409:44:785F	02-287/09:09:23	1TI
91	287 21:10:38	31			CC23A	PWS ON			30409:44:785F	02-287/09:09:23	1TI
92	287 21:10:38	31			CC25A	LECP ON			30409:44:785F	02-287/09:09:23	1TI

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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	287 21:10:38	31			CC25B	LECP STEPPER MOTOR ON			30409:44:785F	02-287/09:09:23	1TI
94	287 21:10:38	31			CC25CR	LECP REPL HTR OFF			30409:44:785F	02-287/09:09:23	1TI
95	287 21:10:38	31			CC25D	LECP MAIN SUPP HTR ON			30409:44:785F	02-287/09:09:23	1TI
96	287 21:10:38	31			CC25E	LECP LEPT SUPP HTR ON			30409:44:785F	02-287/09:09:23	1TI
97	287 21:10:38	31			CC27BR	PPS SUPP HTR OFF			30409:44:785F	02-287/09:09:23	1TI
98	287 21:10:38	31			CC32A	PLS ON			30409:44:785F	02-287/09:09:23	1TI
99	287 21:10:38	31			CC32BR	PLS SUPP HTR OFF			30409:44:785F	02-287/09:09:23	1TI
100	287 21:10:38	31			CC32C	PLS REPL HTR ON			30409:44:785F	02-287/09:09:23	1TI
101	287 21:10:38	31			CC34A	UVS ON			30409:44:785F	02-287/09:09:23	1TI
102	287 21:10:38	31			CC34B	UVS REPL HTR ON			30409:44:785F	02-287/09:09:23	1TI
103	287 21:10:38	31			CC35AR	MAG OFF			30409:44:785F	02-287/09:09:23	1TI
104	287 21:10:38	31			CC35B	MAG STANDBY ON			30409:44:785F	02-287/09:09:23	1TI
105	287 21:10:38	31			CC35GR	MAG SENSOR HTR OFF			30409:44:785F	02-287/09:09:23	1TI
106	287 21:10:38	31			CC36GR	ISS WA VID REPL HTR OFF			30409:44:785F	02-287/09:09:23	1TI
107	287 21:10:38	31			CC36H	ISS WA ELEC REPL HTR ON			30409:44:785F	02-287/09:09:23	1TI
108	287 21:10:38	31			CC36CRP	ISS NA OPTICS HTR OFF			30409:44:785F	02-287/09:09:23	1TI
109	287 21:10:38	31			CC36FRP	ISS NA VID REPL HTR OFF			30409:44:785F	02-287/09:09:23	1TI
110	287 21:10:38	31			CC36JP	ISS NA ELEC REPL HTR ON			30409:44:785F	02-287/09:09:23	1TI
111	287 21:10:38	31			CC39D	IRIS REPL HTR ON			30409:44:785F	02-287/09:09:23	1TI
112	287 21:10:38	31			CC39FR	IRIS STANDBY A SUPPLY OFF			30409:44:785F	02-287/09:09:23	1TI
113	287 21:10:38	31			CC39BR	IRIS STANDBY B SUPPLY OFF			30409:44:785F	02-287/09:09:23	1TI
114	287 21:10:38	31				SCIENCE INSTRUMENT STATUS			30409:44:785F	02-287/09:09:23	1TI
115	287 21:10:38	31			SC21AF	01000 CRS CMD WORD			30409:44:785F	02-287/09:09:23	1TI

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116	287 21:10:38	31			SC21AF	02000 CRS CMD WORD			30409:44:785F	02-287/09:09:23	1TI
117	287 21:10:38	31			SC21AF	03000 CRS CMD WORD			30409:44:785F	02-287/09:09:23	1TI
118	287 21:10:38	31			SC21AF	04000 CRS CMD WORD			30409:44:785F	02-287/09:09:23	1TI
119	287 21:10:38	31			SC21AF	05300 CRS CMD WORD			30409:44:785F	02-287/09:09:23	1TI
120	287 21:10:38	31			SC21AF	06000 CRS CMD WORD			30409:44:785F	02-287/09:09:23	1TI
121	287 21:10:38	31			SC21AF	07200 CRS CMD WORD			30409:44:785F	02-287/09:09:23	1TI
122	287 21:10:38	31			SC21AF	08200 CRS CMD WORD			30409:44:785F	02-287/09:09:23	1TI
123	287 21:10:38	31			SC21AF	10000 CRS CMD WORD			30409:44:785F	02-287/09:09:23	1TI
124	287 21:10:38	31			SC21AF	11000 CRS CMD WORD			30409:44:785F	02-287/09:09:23	1TI
125	287 21:10:38	31			SC21AF	12000 CRS CMD WORD			30409:44:785F	02-287/09:09:23	1TI
126	287 21:10:38	31			SC21AF	13012 CRS CMD WORD			30409:44:785F	02-287/09:09:23	1TI
127	287 21:10:38	31			SC21AG	CRS HV FLAG			30409:44:785F	02-287/09:09:23	1TI
128	287 21:10:38	31			SC21AH	CRS CAL-ST FLAG			30409:44:785F	02-287/09:09:23	1TI
129	287 21:10:38	31			SC22AF	1347 PRA CONFIGURATION CMD			30409:44:785F	02-287/09:09:23	1TI
130	287 21:10:38	31			SC22NU	0000 PRA MODE SELECT			30409:44:785F	02-287/09:09:23	1TI
131	287 21:10:38	31			SC23AD	5 PWS CMD WORD			30409:44:785F	02-287/09:09:23	1TI
132	287 21:10:38	31			SC25AH	1777 LECP CMD WORD			30409:44:785F	02-287/09:09:23	1TI
133	287 21:10:38	31			SC25AH	2417 LECP CMD WORD			30409:44:785F	02-287/09:09:23	1TI
134	287 21:10:38	31			SC25AH	5600 LECP CMD WORD			30409:44:785F	02-287/09:09:23	1TI
135	287 21:10:38	31			SC25AH	6032 LECP CMD WORD			30409:44:785F	02-287/09:09:23	1TI
136	287 21:10:38	31			SC25AJ	1 LECP MOTOR STEP CMD			30409:44:785F	02-287/09:09:23	1TI
137	287 21:10:38	31			SC25AN	0 LECP NEAR/FAR ENC			30409:44:785F	02-287/09:09:23	1TI
138	287 21:10:38	31			SC25AQ	5200 LECP SAFE CMD			30409:44:785F	02-287/09:09:23	1TI

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139	287 21:10:38	31			SC32AF	2 PLS E1 INT/AMP GAIN			30409:44:785F	02-287/09:09:23	1TI
140	287 21:10:38	31			SC32AG	2 PLS E2 INT/AMP GAIN			30409:44:785F	02-287/09:09:23	1TI
141	287 21:10:38	31			SC32AH	3 PLS M INT/AMP GAIN			30409:44:785F	02-287/09:09:23	1TI
142	287 21:10:38	31			SC32AJ	11 PLS CONFIG CMD			30409:44:785F	02-287/09:09:23	1TI
143	287 21:10:38	31			SC32AK	2 PLS L INT/AMP GAIN			30409:44:785F	02-287/09:09:23	1TI
144	287 21:10:38	31			SC32AL	216 PLS M START WORD 1			30409:44:785F	02-287/09:09:23	1TI
145	287 21:10:38	31			SC32AM	216 PLS M START WORD 2			30409:44:785F	02-287/09:09:23	1TI
146	287 21:10:38	31			SC32AN	2 PLS M MODE			30409:44:785F	02-287/09:09:23	1TI
147	287 21:10:38	31			SC32AP	3 PLS E1 SHRT			30409:44:785F	02-287/09:09:23	1TI
148	287 21:10:38	31			SC32AQ	3 PLS E2 SHRT			30409:44:785F	02-287/09:09:23	1TI
149	287 21:10:38	31			SC32AR	3 PLS L SHORT			30409:44:785F	02-287/09:09:23	1TI
150	287 21:10:38	31			SC32AS	2 PLS E1 LONG			30409:44:785F	02-287/09:09:23	1TI
151	287 21:10:38	31			SC32AT	2 PLS E2 LONG			30409:44:785F	02-287/09:09:23	1TI
152	287 21:10:38	31			SC32AU	2 PLS L LONG			30409:44:785F	02-287/09:09:23	1TI
153	287 21:10:38	31			SC34AE	13 UVS MODE/HV LEVEL			30409:44:785F	02-287/09:09:23	1TI
154	287 21:10:38	31			SC34AF	0 UVS READ OUT FLAG			30409:44:785F	02-287/09:09:23	1TI
155	287 21:10:38	31			SC35AI	030001 MAG HFM/EL FLIP/IFC/LFM			30409:44:785F	02-287/09:09:23	1TI
156	287 21:10:38	31			SC35AO	030001 MAG HFM/PRIME/IFC/LFM RAN			30409:44:785F	02-287/09:09:23	1TI
157	287 21:10:38	31				BEGIN SEQUENCE A045 -- LOCK STAR			30409:44:785F	02-287/09:09:23	1T
158	288 00:00:00	31				VGR-31 OWLT IS 12H 01M 16S					1L
159	288 00:55:55	31	40RISE			10.2 DEGREE RISE DSC-40					1V
160	288 04:55:38	31	10 SET			10.2 DEGREE SET DSC-10					1V
161	288 09:53:23	31	60RISE			10.2 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
162	288 10:00:34	31	40 SET			10.2 DEGREE SET DSC-40					1V
163	288 12:00:00	31				VGR-31 OWLT IS 12H 01M 21S					1L
164	288 17:25:58	31	10RISE			10.2 DEGREE RISE DSC-10					1V
165	288 21:01:52	31	60 SET			14.7 DEGREE SET DSC-60					1V
166	289 00:00:00	31				VGR-31 OWLT IS 12H 01M 26S					1L
167	289 00:51:59	31	40RISE			10.2 DEGREE RISE DSC-40					1V
168	289 04:51:43	31	10 SET			10.2 DEGREE SET DSC-10					1V
169	289 05:02:41	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
170	289 05:02:41	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
171	289 05:03:29	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
172	289 05:03:29	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
173	289 05:06:05	31				BEGIN PWSREC.31			30449:39:001F	02-288/17:04:35	1T
174	289 05:06:05	31			SC32AJ	(10) PLS CONFIG CMD	FDS		30449:39:009F	02-288/17:04:36	1ECf
175	289 05:06:53	31				B- DRGS4B			30449:40:001F	02-288/17:05:23	1TB
176	289 05:06:53	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		30449:40:009F	02-288/17:05:24	1ECf
177	289 05:07:37	31				BEGIN RECORDING PWS DATA			30449:40:734F	02-288/17:06:07	1T
178	289 05:07:37	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		30449:40:735F	02-288/17:06:08	1ECd

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
179	289 05:07:37	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:2343	DTR		30449:40:735F	02-288/17:06:08	1ESd
180	289 05:07:41	31		ACE	OPCH	FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	30449:41:001F	02-288/17:06:11	1ESf
181	289 05:07:41	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		30449:41:002F	02-288/17:06:12	1ECs
182	289 05:07:42	31				B- DRCRUS			30449:41:018F	02-288/17:06:12	1TB
183	289 05:07:42	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		30449:41:026F	02-288/17:06:13	1ECf
184	289 05:08:29	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	30449:42:001F	02-288/17:06:59	1ESf
185	289 05:08:29	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		30449:42:002F	02-288/17:07:00	1ECd
186	289 05:08:29	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2636	DTR		30449:42:002F	02-288/17:07:00	1ESd
187	289 05:08:29	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		30449:42:002F	02-288/17:07:00	1ECs

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
188	289 05:09:17	31			SC32AJ	(11) PLS CONFIG CMD	FDS		30449:43:010F	02-288/17:07:48	1ECf
189	289 05:09:18	31				END PWSREC.31			30449:43:018F	02-288/17:07:48	1T
190	289 06:20:29	31			AC7SSB	(4 +148) SS BIAS CONTROL --- YAW	AACS		30451:12:003F	02-288/18:19:00	1ECa
191	289 09:49:30	31	60RISE			10.2 DEGREE RISE DSC-60					1V
192	289 09:56:41	31	40 SET			10.2 DEGREE SET DSC-40					1V
193	289 12:00:00	31				VGR-31 OWLT IS 12H 01M 31S					1L
194	289 17:22:05	31	10RISE			10.2 DEGREE RISE DSC-10					1V
195	289 20:58:00	31	60 SET			14.7 DEGREE SET DSC-60					1V
196	290 00:00:00	31				VGR-31 OWLT IS 12H 01M 37S					1L
197	290 00:48:04	31	40RISE			10.2 DEGREE RISE DSC-40					1V
198	290 04:47:48	31	10 SET			10.2 DEGREE SET DSC-10					1V
199	290 09:45:37	31	60RISE			10.2 DEGREE RISE DSC-60					1V
200	290 09:52:49	31	40 SET			10.2 DEGREE SET DSC-40					1V
201	290 12:00:00	31				VGR-31 OWLT IS 12H 01M 42S					1L
202	290 17:18:12	31	10RISE			10.2 DEGREE RISE DSC-10					1V
203	290 20:54:08	31	60 SET			14.7 DEGREE SET DSC-60					1V
204	291 00:00:00	31				VGR-31 OWLT IS 12H 01M 47S					1L
205	291 00:44:09	31	40RISE			10.2 DEGREE RISE DSC-40					1V
206	291 04:43:53	31	10 SET			10.2 DEGREE SET DSC-10					1V
207	291 09:41:44	31	60RISE			10.2 DEGREE RISE DSC-60					1V
208	291 09:48:56	31	40 SET			10.2 DEGREE SET DSC-40					1V
209	291 12:00:00	31				VGR-31 OWLT IS 12H 01M 52S					1L
210	291 17:14:19	31	10RISE			10.2 DEGREE RISE DSC-10					1V

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
211	291 20:50:16	31	60 SET			14.7 DEGREE SET DSC-60					1V
212	292 00:00:00	31				VGR-31 OWLT IS 12H 01M 57S					1L
213	292 00:40:14	31	40RISE			10.2 DEGREE RISE DSC-40					1V
214	292 04:39:58	31	10 SET			10.2 DEGREE SET DSC-10					1V
215	292 08:05:48	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		30543:23:002F	02-291/20:03:48	1ECd
216	292 08:05:48	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2642	DTR		30543:23:002F	02-291/20:03:48	1ESd
217	292 08:19:07	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		30543:39:525F	02-291/20:17:07	1ECd
218	292 08:19:07	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2354	DTR		30543:39:525F	02-291/20:17:07	1ESd
219	292 09:37:52	31	60RISE			10.2 DEGREE RISE DSC-60					1V
220	292 09:45:03	31	40 SET			10.2 DEGREE SET DSC-40					1V
221	292 11:03:13	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
222	292 11:03:13	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
223	292 11:04:01	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
224	292 11:04:01	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
225	292 11:05:49	31			CC16C	(7017) DTR STATE SELECT: READY	DTR		30547:08:002F	02-291/23:03:48	1ECd

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
226	292 11:05:49	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2354	DTR		30547:08:002F	02-291/23:03:48	1ESd
227	292 11:06:37	31				AHELII PWSREC 17			30547:09:001F	02-291/23:04:35	1T
228	292 11:06:37	31				B- PWSREC.31			30547:09:001F	02-291/23:04:35	1TB
229	292 11:06:37	31				BEGIN PWSREC.31			30547:09:001F	02-291/23:04:35	1T
230	292 11:06:37	31			SC32AJ	(10) PLS CONFIG CMD	FDS		30547:09:009F	02-291/23:04:36	1ECf
231	292 11:07:25	31				B- DRGS4B			30547:10:001F	02-291/23:05:23	1TB
232	292 11:07:25	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		30547:10:009F	02-291/23:05:24	1ECf
233	292 11:08:09	31				BEGIN RECORDING PWS DATA			30547:10:734F	02-291/23:06:07	1T
234	292 11:08:09	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		30547:10:735F	02-291/23:06:08	1ECd
235	292 11:08:09	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:2354	DTR		30547:10:735F	02-291/23:06:08	1ESd
236	292 11:08:13	31		ACE	OPCH	FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	30547:11:001F	02-291/23:06:11	1ESf
237	292 11:08:13	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		30547:11:002F	02-291/23:06:12	1ECs
238	292 11:08:14	31				B- DRCRUS			30547:11:018F	02-291/23:06:12	1TB

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
239	292 11:08:14	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		30547:11:026F	02-291/23:06:13	1ECf
240	292 11:09:01	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	30547:12:001F	02-291/23:06:59	1ESf
241	292 11:09:01	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		30547:12:002F	02-291/23:07:00	1ECd
242	292 11:09:01	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2647	DTR		30547:12:002F	02-291/23:07:00	1ESd
243	292 11:09:01	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		30547:12:002F	02-291/23:07:00	1ECs
244	292 11:09:49	31			SC32AJ	(11) PLS CONFIG CMD	FDS		30547:13:009F	02-291/23:07:48	1ECf
245	292 11:09:50	31				END PWSREC.31			30547:13:018F	02-291/23:07:48	1T
246	292 12:00:00	31				VGR-31 OWLT IS 12H 02M 02S					1L
247	292 13:15:26	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		30549:50:002F	02-292/01:13:24	1ECd
248	292 13:15:26	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2653	DTR		30549:50:002F	02-292/01:13:24	1ESd
249	292 13:15:56	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		30549:50:501F	02-292/01:13:53	1ECd
250	292 13:15:56	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2642	DTR		30549:50:501F	02-292/01:13:53	1ESd

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
251	292 16:15:27	31			CC16C	(7015) DTR STATE SELECT: READY	DTR		30553:35:002F	02-292/04:13:24	1ECd
252	292 16:15:27	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2642	DTR		30553:35:002F	02-292/04:13:24	1ESd
253	292 17:10:26	31	10RISE			10.2 DEGREE RISE DSC-10					1V
254	292 20:46:24	31	60 SET			14.6 DEGREE SET DSC-60					1V
255	293 00:00:00	31				VGR-31 OWLT IS 12H 02M 07S					1L
256	293 00:36:19	31	40RISE			10.2 DEGREE RISE DSC-40					1V
257	293 04:36:03	31	10 SET			10.2 DEGREE SET DSC-10					1V
258	293 09:33:59	31	60RISE			10.2 DEGREE RISE DSC-60					1V
259	293 09:41:10	31	40 SET			10.2 DEGREE SET DSC-40					1V
260	293 12:00:00	31				VGR-31 OWLT IS 12H 02M 12S					1L
261	293 17:06:33	31	10RISE			10.2 DEGREE RISE DSC-10					1V
262	293 20:42:32	31	60 SET			14.6 DEGREE SET DSC-60					1V
263	294 00:00:00	31				VGR-31 OWLT IS 12H 02M 16S					1L
264	294 00:30:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9202 (D/L ONLY)					1DP
265	294 00:30:00	31				CFG CODES					1DP
266	294 00:32:24	31	40RISE			10.2 DEGREE RISE DSC-40					1V
267	294 04:30:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9202					1DP
268	294 04:32:09	31	10 SET			10.2 DEGREE SET DSC-10					1V
269	294 04:50:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-9202 (D/L ONLY)					1DP
270	294 04:50:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
271	294 08:50:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-9202					1DP
272	294 09:30:06	31	60RISE			10.2 DEGREE RISE DSC-60					1V
273	294 09:37:18	31	40 SET			10.2 DEGREE SET DSC-40					1V
274	294 12:00:00	31				VGR-31 OWLT IS 12H 02M 21S					1L
275	294 13:39:46	31			AC7SSB	(4 +149) SS BIAS CONTROL --- YAW	AACS		30610:20:002F	02-294/01:37:24	1ECa
276	294 16:30:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9202 (D/L ONLY)					1DP
277	294 16:30:00	31				CFG CODES					1DP
278	294 17:02:40	31	10RISE			10.2 DEGREE RISE DSC-10					1V
279	294 20:37:25	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
280	294 20:38:40	31	60 SET			14.6 DEGREE SET DSC-60					1V
281	294 20:42:25	31					DTR		30619:08:202F	02-294/08:40:00	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2642					
282	294 20:42:25	31		ACE OPCH			FDS	CR-5T	30619:08:202F	02-294/08:40:00	1ESf
						FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11					
283	294 20:45:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9203 (D/L ONLY)					1DP
284	294 20:45:00	31				CFG CODES					1DP
285	294 21:05:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9202					1DP
286	295 00:00:00	31				VGR-31 OWLT IS 12H 02M 26S					1L
287	295 00:28:29	31	40RISE			10.2 DEGREE RISE DSC-40					1V
288	295 04:15:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9203					1DP

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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	295 04:28:14	31	10	SET		10.2 DEGREE SET DSC-10					1V
290	295 06:30:00	31	45	AOS	OPCH ACE	AOS DSS-45 PASS-9203 (D/L ONLY)					1DP
291	295 06:30:00	31				CFG CODES					1DP
292	295 08:45:00	31	45	LOS	OPCH ACE	LOS DSS-45 PASS-9203					1DP
293	295 09:26:13	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
294	295 09:33:25	31	40	SET		10.2 DEGREE SET DSC-40					1V
295	295 12:00:00	31				VGR-31 OWLT IS 12H 02M 31S					1L
296	295 16:00:00	31	65	AOS	OPCH ACE	AOS DSS-65 PASS-9203 (D/L ONLY)					1DP
297	295 16:00:00	31				CFG CODES					1DP
298	295 16:58:47	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
299	295 20:15:00	31	65	LOS	OPCH ACE	LOS DSS-65 PASS-9203					1DP
300	295 20:30:00	31	25	AOS	OPCH ACE	AOS DSS-25 PASS-9204 (D/L ONLY)					1DP
301	295 20:30:00	31				CFG CODES					1DP
302	295 20:34:48	31	60	SET		14.6 DEGREE SET DSC-60					1V
303	296 00:00:00	31				VGR-31 OWLT IS 12H 02M 36S					1L
304	296 00:15:00	31	14	AOS	OPCH ACE	AOS DSS-14 PASS-9204 (D/L ONLY)					1DP
305	296 00:15:00	31				CFG CODES					1DP
306	296 00:24:35	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
307	296 01:15:00	31	25	LOS	OPCH ACE	LOS DSS-25 PASS-9204					1DP
308	296 04:24:19	31	10	SET		10.2 DEGREE SET DSC-10					1V
309	296 04:39:50	31			ACE OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
322	296 04:44:50	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		30659:11:002F	02-295/16:42:12	1ECs
323	296 04:44:51	31				B- DRCRUS			30659:11:018F	02-295/16:42:12	1TB
324	296 04:44:51	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		30659:11:026F	02-295/16:42:13	1ECF
325	296 04:45:38	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	30659:12:001F	02-295/16:42:59	1ESF
326	296 04:45:38	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		30659:12:002F	02-295/16:43:00	1ECs
327	296 04:45:38	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		30659:12:002F	02-295/16:43:00	1ECd
328	296 04:45:38	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2935	DTR		30659:12:002F	02-295/16:43:00	1ESd
329	296 04:46:26	31			SC32AJ	(11) PLS CONFIG CMD	FDS		30659:13:009F	02-295/16:43:48	1ECf
330	296 04:46:27	31				END PWSREC.31			30659:13:018F	02-295/16:43:48	1T
331	296 06:45:00	31	43 AOS	OPCH	ACE	AOS DSS-43 PASS-9204 (D/L ONLY)					1DP
332	296 06:45:00	31				CFG CODES					1DP
333	296 09:22:21	31	60RISE			10.2 DEGREE RISE DSC-60					1V
334	296 09:29:32	31	40 SET			10.2 DEGREE SET DSC-40					1V
335	296 09:45:00	31	43 LOS	OPCH	ACE	LOS DSS-43 PASS-9204					1DP

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
336	296 11:52:05	31			AC7SSB	(4 +150) SS BIAS CONTROL --- YAW	AACS		30668:05:003F	02-295/23:49:24	1ECa
337	296 12:00:00	31				VGR-31 OWLT IS 12H 02M 41S					1L
338	296 14:30:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9204 (D/L ONLY)					1DP
339	296 14:30:00	31				CFG CODES					1DP
340	296 16:54:54	31	10RISE			10.2 DEGREE RISE DSC-10					1V
341	296 17:25:43	31				TAPPOS-1705			30675:02:001F	02-296/05:22:59	1T
342	296 17:25:43	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		30675:02:001F	02-296/05:22:59	1ECd
343	296 17:25:43	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2941	DTR		30675:02:001F	02-296/05:22:59	1ESd
344	296 18:22:56	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		30676:13:419F	02-296/06:20:13	1ECd
345	296 18:22:56	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1705	DTR		30676:13:419F	02-296/06:20:13	1ESd
346	296 18:30:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9205 (U/L PASS)					1DP
347	296 18:50:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9204					1DP
348	296 19:05:44	31				FWD/TRK 3			30677:07:001F	02-296/07:02:59	1T
349	296 19:05:44	31			CC16C	(7013) DTR STATE SELECT: READY	DTR		30677:07:001F	02-296/07:02:59	1ECd
350	296 19:05:44	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:1705	DTR		30677:07:001F	02-296/07:02:59	1ESd
351	296 19:08:44	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN D/L CARRIER SIG LEVEL					11EC

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FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
352	296 19:09:44	31				B- PWSPB.31			30677:12:001F	02-296/07:06:59	1TB
353	296 19:09:44	31				BEGIN PWSPBA31			30677:12:001F	02-296/07:06:59	1T
354	296 19:09:44	31				CHECK IF RFLOSS FAIL			30677:12:001F	02-296/07:06:59	1T
355	296 19:09:44	31				IF FAIL SKIP HIGHPWR			30677:12:001F	02-296/07:06:59	1T
356	296 19:09:44	31			CC1TR	BAY 1 HTR OFF	PWR		30677:12:002F	02-296/07:07:00	1ECp
357	296 19:13:44	31				X BAND HIGH POWER			30677:17:001F	02-296/07:10:59	1T
358	296 19:13:44	31			DC2H	X-BAND TWT HIGH POWER	RFS		30677:17:002F	02-296/07:10:59	1ECr
359	296 20:09:44	31				B- YAW05			30678:27:001F	02-296/08:06:59	1TB
360	296 20:09:44	31				YAW05			30678:27:001F	02-296/08:06:59	1T
361	296 20:09:44	31			AC7PAR	(6741 000740) +YAW DB=.05 DEG	AACS		30678:27:004F	02-296/08:07:00	1ECa
362	296 20:13:32	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
363	296 20:13:32	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=39 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
364	296 20:13:32	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
365	296 20:17:44	31				B- DRPBDB.31			30678:37:001F	02-296/08:14:59	1TB
366	296 20:17:44	31				BEGIN DDPB1431			30678:37:001F	02-296/08:14:59	1T
367	296 20:17:44	31			SC06BB	(12 0 07 0) FDS MODE TO: PB-14 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		30678:37:009F	02-296/08:15:00	1ECf
368	296 20:18:32	31				BEGIN PLAYBACK			30678:38:001F	02-296/08:15:47	1T

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
369	296 20:18:32	31		ACE OPCH		FDS STATUS PB-14/X1.4K/S40 MEM:PA/FDS11	FDS	PB-14	30678:38:001F	02-296/08:15:47	1ESf
370	296 20:18:32	31			CC3A	(39310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=39 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		30678:38:002F	02-296/08:15:48	1ECs
371	296 20:18:32	31			CC6AD	(3 2 0 2) SVC-W4 FDS MEM B WRT PROTECT	FDS		30678:38:003F	02-296/08:15:48	1ECf
372	296 20:18:32	31		ACE OPCH		FDS STATUS PB-14/X1.4K/S40 MEM:PA/FDS11	FDS	PB-14	30678:38:003F	02-296/08:15:48	1ESf
373	296 20:18:32	31			CC16C	(1210) DTR STATE SELECT:PLAYBACK	DTR		30678:38:005F	02-296/08:15:48	1ECd
374	296 20:18:32	31				DTR STATUS MODE:PLAY RATE:007.2K DIR:F TRK:3 TIC:1705	DTR		30678:38:005F	02-296/08:15:48	1ESd
375	296 20:18:33	31				END DDPB1431			30678:38:018F	02-296/08:15:48	1T
376	296 20:30:56	31	60 SET			14.6 DEGREE SET DSC-60					1V
377	296 21:45:35	31			EOT	END OF TAPE			30680:26:631F	02-296/09:42:49	1Ed
378	296 21:45:35	31			EOT	END OF TAPE			30680:26:635F	02-296/09:42:49	1Ed
379	297 00:00:00	31				VGR-31 OWLT IS 12H 02M 45S					1L
380	297 00:20:40	31	40RISE			10.2 DEGREE RISE DSC-40					1V
381	297 00:22:20	31			BOT	BEGIN OF TAPE			30683:42:574F	02-296/12:19:34	1Ed
382	297 00:22:21	31			BOT	BEGIN OF TAPE			30683:42:578F	02-296/12:19:34	1Ed
383	297 02:48:47	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
384	297 02:48:47	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
385	297 02:48:47	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
386	297 02:52:59	31				B- DRCRUS			30686:51:001F	02-296/14:50:11	1TB
387	297 02:52:59	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		30686:51:009F	02-296/14:50:12	1ECf
388	297 02:53:47	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	30686:52:001F	02-296/14:50:59	1ESf
389	297 02:53:47	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		30686:52:002F	02-296/14:51:00	1ECs
390	297 02:53:47	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		30686:52:002F	02-296/14:51:00	1ECd
391	297 02:53:47	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:3470	DTR		30686:52:002F	02-296/14:51:00	1ESd
392	297 02:53:47	31			CC6AD	(3 2 0 0) SVC-W4 FDS MEM B WRT PROTECT	FDS		30686:52:003F	02-296/14:51:00	1ECf
393	297 02:53:47	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	30686:52:003F	02-296/14:51:00	1ESf
394	297 02:53:48	31				END PLAYBACK			30686:52:018F	02-296/14:51:00	1T

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
395	297 03:08:11	31				B- YAWDB			30687:10:001F	02-296/15:05:23	1TB
396	297 03:08:11	31				YAWDB - .10			30687:10:001F	02-296/15:05:23	1T
397	297 03:08:11	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		30687:10:004F	02-296/15:05:24	1ECa
398	297 04:20:25	31	10 SET			10.2 DEGREE SET DSC-10					1V
399	297 04:30:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9205					1DP
400	297 06:20:00	31	43 AOS	OPCH ACE		AOS DSS-43 PASS-9205 (D/L ONLY)					1DP
401	297 06:20:00	31				CFG CODES					1DP
402	297 09:18:28	31	60RISE			10.2 DEGREE RISE DSC-60					1V
403	297 09:25:39	31	40 SET			10.2 DEGREE SET DSC-40					1V
404	297 09:40:00	31	43 LOS	OPCH ACE		LOS DSS-43 PASS-9205					1DP
405	297 12:00:00	31				VGR-31 OWLT IS 12H 02M 50S					1L
406	297 13:50:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9205 (D/L ONLY)					1DP
407	297 13:50:00	31				CFG CODES					1DP
408	297 16:16:16	31			AC7SSB	(3 +016) SS BIAS CONTROL - PITCH	AACS		30703:35:003F	02-297/04:13:24	1ECa
409	297 16:51:01	31	10RISE			10.2 DEGREE RISE DSC-10					1V
410	297 18:41:53	31				TAPPOS-0550			30706:37:001F	02-297/06:38:59	1T
411	297 18:41:53	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		30706:37:001F	02-297/06:38:59	1ECd
412	297 18:41:53	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3471	DTR		30706:37:001F	02-297/06:38:59	1ESd
413	297 19:03:29	31				B- UVSLEW			30707:04:001F	02-297/07:00:35	1TB
414	297 19:03:29	31				SLEW TO HELIO-20A			30707:04:001F	02-297/07:00:35	1T

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
415	297 19:03:29	31				B- PLATPOB			30707:04:001F	02-297/07:00:35	1TB
416	297 19:03:29	31			AC7SPK	(1 12 2 173 176) EL SLEW R=LOW	AACS		30707:04:003F	02-297/07:00:36	1ECa
417	297 19:03:29	31			AC7SPK	(2 12 1 098 211) AZ SLEW R=LOW	AACS		30707:04:005F	02-297/07:00:36	1ECa
418	297 19:03:35	31				B- SLEND			30707:04:101F	02-297/07:00:41	1TB
419	297 19:03:35	31			SLEWEND	AZ=124.998 EL=25.034 CO=21.844			30707:04:101F	02-297/07:00:41	1T
420	297 20:10:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9205					1DP
421	297 20:27:04	31	60 SET			14.6 DEGREE SET DSC-60					1V
422	297 20:57:05	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		30709:25:785F	02-297/08:54:11	1ECd
423	297 20:57:05	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:0550	DTR		30709:25:785F	02-297/08:54:11	1ESd
424	297 21:29:54	31				FWD/TRK 1			30710:07:001F	02-297/09:26:59	1T
425	297 21:29:54	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		30710:07:001F	02-297/09:26:59	1ECd
426	297 21:29:54	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:0550	DTR		30710:07:001F	02-297/09:26:59	1ESd
427	297 21:29:55	31				END DAIN31			30710:07:018F	02-297/09:27:00	1T
428	297 23:30:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9206 (D/L ONLY)					1DP
429	297 23:30:00	31				CFG CODES					1DP
430	298 00:00:00	31				VGR-31 OWLT IS 12H 02M 55S					1L
431	298 00:16:45	31	40RISE			10.2 DEGREE RISE DSC-40					1V
432	298 02:55:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-9206 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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	298 02:55:00	31				CFG CODES					1DP
434	298 03:15:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9206					1DP
435	298 04:16:30	31	10 SET			10.2 DEGREE SET DSC-10					1V
436	298 05:00:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-9206					1DP
437	298 09:14:35	31	60RISE			10.2 DEGREE RISE DSC-60					1V
438	298 09:21:47	31	40 SET			10.2 DEGREE SET DSC-40					1V
439	298 12:00:00	31				VGR-31 OWLT IS 12H 03M 00S					1L
440	298 16:20:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9206 (D/L ONLY)					1DP
441	298 16:20:00	31				CFG CODES					1DP
442	298 16:47:08	31	10RISE			10.2 DEGREE RISE DSC-10					1V
443	298 19:03:38	31				B- UVSLEW			30737:04:001F	02-298/07:00:35	1TB
444	298 19:03:38	31				SLEW TO HELIO-19A			30737:04:001F	02-298/07:00:35	1T
445	298 19:03:38	31				B- PLATPOA			30737:04:001F	02-298/07:00:35	1TB
446	298 19:03:38	31			AC7SPK	(1 12 1 157 028) EL SLEW R=LOW	AACS		30737:04:003F	02-298/07:00:36	1ECa
447	298 19:08:27	31				B- SLEND			30737:10:018F	02-298/07:05:24	1TB
448	298 19:08:27	31			SLEWEND	AZ=124.998 EL=47.993 CO=44.559			30737:10:018F	02-298/07:05:24	1T
449	298 19:27:39	31				B- GYONBC.31			30737:34:001F	02-298/07:24:35	1TB
450	298 19:27:39	31				BEGIN GYONBC31			30737:34:001F	02-298/07:24:35	1T
451	298 19:27:39	31			AC7GYP	(111) DRIRU PATTERN CONTROL GYRO/AXIS=B/PITCH C/YAW & ROLL	AACS		30737:34:003F	02-298/07:24:36	1ECa
452	298 19:27:39	31			CC7GARP	GYRO A OFF	PWR		30737:34:004F	02-298/07:24:36	1ECp

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
453	298 19:27:39	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS		30737:34:004F	02-298/07:24:36	1ESa
454	298 19:27:39	31			CC7GARP	GYRO A OFF	PWR		30737:34:006F	02-298/07:24:36	1ECp
455	298 19:27:39	31			CC7PC	(352) GYRO A OFF	AACS		30737:34:008F	02-298/07:24:36	1ECa
456	298 19:27:39	31			CC7GCP	GYRO C ON	PWR		30737:34:009F	02-298/07:24:36	1ECp
457	298 19:27:39	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: ON	AACS		30737:34:009F	02-298/07:24:36	1ESa
458	298 19:27:40	31			CC7GCP	GYRO C ON	PWR		30737:34:011F	02-298/07:24:36	1ECp
459	298 19:27:40	31			CC7PC	(373) GYRO C ON	AACS		30737:34:013F	02-298/07:24:36	1ECa
460	298 19:27:40	31			CC7GBP	GYRO B ON	PWR		30737:34:013F	02-298/07:24:36	1ECp
461	298 19:27:40	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		30737:34:013F	02-298/07:24:36	1ESa
462	298 19:27:40	31			CC7GBP	GYRO B ON	PWR		30737:34:016F	02-298/07:24:36	1ECp
463	298 19:27:40	31			CC7PC	(363) GYRO B ON	AACS		30737:34:018F	02-298/07:24:36	1ECa
464	298 19:28:08	31				DRIRU INITIALIZATION			30737:34:484F	02-298/07:25:04	1T
465	298 19:28:09	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		30737:34:502F	02-298/07:25:06	1ECa
466	298 19:28:38	31				SET CALIB			30737:35:184F	02-298/07:25:34	1T
467	298 19:28:39	31			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		30737:35:204F	02-298/07:25:36	1ECa
468	298 19:37:38	31				START GYRO FAULT TEST			30737:46:384F	02-298/07:34:34	1T

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
469	298 19:37:39	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		30737:46:402F	02-298/07:34:36	1ECa
470	298 19:37:40	31				END GYONBC31			30737:46:418F	02-298/07:34:36	1T
471	298 20:23:12	31	60 SET			14.6 DEGREE SET DSC-60					1V
472	298 20:27:39	31				B- CCSTIMB			30738:49:001F	02-298/08:24:35	1TB
473	298 20:27:39	31				EXECUTE CCSTIMB FINE			30738:49:001F	02-298/08:24:35	1T
474	298 20:50:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9206					1DP
475	298 23:30:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9207 (D/L ONLY)					1DP
476	298 23:30:00	31				CFG CODES					1DP
477	299 00:00:00	31				VGR-31 OWLT IS 12H 03M 04S					1L
478	299 00:12:50	31	40RISE			10.2 DEGREE RISE DSC-40					1V
479	299 03:15:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9207					1DP
480	299 04:12:36	31	10 SET			10.2 DEGREE SET DSC-10					1V
481	299 06:20:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-9207 (D/L ONLY)					1DP
482	299 06:20:00	31				CFG CODES					1DP
483	299 07:42:55	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		30752:53:002F	02-298/19:39:48	1ECd
484	299 07:42:55	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0550	DTR		30752:53:002F	02-298/19:39:48	1ESd
485	299 08:20:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-9207					1DP
486	299 09:10:43	31	60RISE			10.2 DEGREE RISE DSC-60					1V
487	299 09:17:54	31	40 SET			10.2 DEGREE SET DSC-40					1V
488	299 09:20:15	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		30754:54:525F	02-298/21:17:07	1ECd

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
489	299 09:20:15	31					DTR		30754:54:525F	02-298/21:17:07	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2653					
490	299 10:40:21	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
491	299 10:40:21	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
492	299 10:41:09	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
493	299 10:41:09	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
494	299 10:42:57	31			CC16C	(7017) DTR STATE SELECT: READY	DTR		30756:38:002F	02-298/22:39:48	1ECd
495	299 10:42:57	31					DTR		30756:38:002F	02-298/22:39:48	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2653					
496	299 10:43:45	31				AHELII PWSREC 18			30756:39:001F	02-298/22:40:35	1T
497	299 10:43:45	31				B- PWSREC.31			30756:39:001F	02-298/22:40:35	1TB
498	299 10:43:45	31				BEGIN PWSREC.31			30756:39:001F	02-298/22:40:35	1T
499	299 10:43:45	31			SC32AJ	(10) PLS CONFIG CMD	FDS		30756:39:009F	02-298/22:40:36	1ECf
500	299 10:44:33	31				B- DRGS4B			30756:40:001F	02-298/22:41:23	1TB
501	299 10:44:33	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		30756:40:009F	02-298/22:41:24	1ECf

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
502	299 10:45:17	31				BEGIN RECORDING PWS DATA			30756:40:734F	02-298/22:42:07	1T
503	299 10:45:17	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		30756:40:735F	02-298/22:42:08	1ECd
504	299 10:45:17	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:2653	DTR		30756:40:735F	02-298/22:42:08	1ESd
505	299 10:45:21	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	30756:41:001F	02-298/22:42:11	1ESf
506	299 10:45:21	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		30756:41:002F	02-298/22:42:12	1ECs
507	299 10:45:22	31				B- DRCRUS			30756:41:018F	02-298/22:42:12	1TB
508	299 10:45:22	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		30756:41:026F	02-298/22:42:13	1ECf
509	299 10:46:09	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	30756:42:001F	02-298/22:42:59	1ESF
510	299 10:46:09	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		30756:42:002F	02-298/22:43:00	1ECd
511	299 10:46:09	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2945	DTR		30756:42:002F	02-298/22:43:00	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
512	299 10:46:09	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		30756:42:002F	02-298/22:43:00	1ECs
513	299 10:46:57	31			SC32AJ	(11) PLS CONFIG CMD	FDS		30756:43:009F	02-298/22:43:48	1ECF
514	299 10:46:58	31				END PWSREC.31			30756:43:018F	02-298/22:43:48	1T
515	299 12:00:00	31				VGR-31 OWLT IS 12H 03M 09S					1L
516	299 12:52:33	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		30759:20:002F	02-299/00:49:24	1ECd
517	299 12:52:33	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2952	DTR		30759:20:002F	02-299/00:49:24	1ESd
518	299 14:43:44	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		30761:38:768F	02-299/02:40:33	1ECd
519	299 14:43:44	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:0550	DTR		30761:38:768F	02-299/02:40:33	1ESd
520	299 15:52:35	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		30763:05:002F	02-299/03:49:24	1ECd
521	299 15:52:35	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:0550	DTR		30763:05:002F	02-299/03:49:24	1ESd
522	299 16:15:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9207 (D/L ONLY)					1DP
523	299 16:15:00	31				CFG CODES					1DP
524	299 16:43:16	31	10RISE			10.2 DEGREE RISE DSC-10					1V
525	299 19:03:48	31				B- UVSLEW			30767:04:001F	02-299/07:00:35	1TB
526	299 19:03:48	31				SLEW TO HELIO-18A			30767:04:001F	02-299/07:00:35	1T

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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
527	299 19:03:48	31				B- PLATPOA			30767:04:001F	02-299/07:00:35	1TB
528	299 19:03:48	31			AC7SPK	(1 12 2 141 140) EL SLEW R=LOW	AACS		30767:04:003F	02-299/07:00:36	1ECa
529	299 19:08:32	31				B- SLEND			30767:09:734F	02-299/07:05:19	1TB
530	299 19:08:32	31			SLEWEND	AZ=124.998 EL=70.992 CO=67.447			30767:09:734F	02-299/07:05:19	1T
531	299 20:19:20	31	60	SET		14.6 DEGREE SET DSC-60					1V
532	299 20:45:00	31	63	LOS	OPCH ACE	LOS DSS-63 PASS-9207					1DP
533	299 23:50:00	31	25	AOS	OPCH ACE	AOS DSS-25 PASS-9208 (D/L ONLY)					1DP
534	299 23:50:00	31				CFG CODES					1DP
535	300 00:00:00	31				VGR-31 OWLT IS 12H 03M 14S					1L
536	300 00:08:56	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
537	300 02:50:00	31	45	AOS	OPCH ACE	AOS DSS-45 PASS-9208 (D/L ONLY)					1DP
538	300 02:50:00	31				CFG CODES					1DP
539	300 03:10:00	31	25	LOS	OPCH ACE	LOS DSS-25 PASS-9208					1DP
540	300 04:08:41	31	10	SET		10.2 DEGREE SET DSC-10					1V
541	300 06:30:00	31	43	AOS	OPCH ACE	AOS DSS-43 PASS-9208 (D/L ONLY)					1DP
542	300 06:30:00	31				CFG CODES					1DP
543	300 06:50:00	31	45	LOS	OPCH ACE	LOS DSS-45 PASS-9208					1DP
544	300 09:06:50	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
545	300 09:14:02	31	40	SET		10.2 DEGREE SET DSC-40					1V
546	300 09:15:00	31	43	LOS	OPCH ACE	LOS DSS-43 PASS-9208					1DP
547	300 12:00:00	31				VGR-31 OWLT IS 12H 03M 18S					1L
548	300 14:20:00	31	63	AOS	OPCH ACE	AOS DSS-63 PASS-9208 (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
549	300 14:20:00	31				CFG CODES					1DP
550	300 16:39:23	31	10RISE			10.2 DEGREE RISE DSC-10					1V
551	300 19:03:57	31				B- UVSLEW			30797:04:001F	02-300/07:00:35	1TB
552	300 19:03:57	31				SLEW TO HELIO-17A			30797:04:001F	02-300/07:00:35	1T
553	300 19:03:57	31				B- PLATPOA			30797:04:001F	02-300/07:00:35	1TB
554	300 19:03:57	31			AC7SPK	(1 12 1 127 095) EL SLEW R=LOW	AACS		30797:04:003F	02-300/07:00:36	1ECa
555	300 19:08:05	31				B- SLEND			30797:09:134F	02-300/07:04:43	1TB
556	300 19:08:05	31			SLEWEND	AZ=124.998 EL=91.003 CO=87.367			30797:09:134F	02-300/07:04:43	1T
557	300 20:15:28	31	60 SET			14.6 DEGREE SET DSC-60					1V
558	300 20:50:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9208					1DP
559	300 21:00:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9209 (D/L ONLY)					1DP
560	300 21:00:00	31				CFG CODES					1DP
561	301 00:00:00	31				VGR-31 OWLT IS 12H 03M 23S					1L
562	301 00:05:01	31	40RISE			10.2 DEGREE RISE DSC-40					1V
563	301 00:30:23	31			AC7SSB	(4 +151) SS BIAS CONTROL --- YAW	AACS		30803:52:003F	02-300/12:27:00	1ECa
564	301 03:00:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9209					1DP
565	301 04:04:47	31	10 SET			10.2 DEGREE SET DSC-10					1V
566	301 09:02:57	31	60RISE			10.2 DEGREE RISE DSC-60					1V
567	301 09:10:09	31	40 SET			10.2 DEGREE SET DSC-40					1V
568	301 12:00:00	31				VGR-31 OWLT IS 12H 03M 27S					1L
569	301 13:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9209 (D/L ONLY)					1DP
570	301 13:45:00	31				CFG CODES					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
571	301 16:10:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9209 (D/L ONLY)					1DP
572	301 16:10:00	31				CFG CODES					1DP
573	301 16:30:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9209					1DP
574	301 16:35:30	31	10RISE			10.2 DEGREE RISE DSC-10					1V
575	301 19:04:06	31				B- UVSLEW			30827:04:001F	02-301/07:00:35	1TB
576	301 19:04:06	31				SLEW TO HELIO-16A			30827:04:001F	02-301/07:00:35	1T
577	301 19:04:06	31				B- PLATPOA			30827:04:001F	02-301/07:00:35	1TB
578	301 19:04:06	31			AC7SPK	(1 12 1 111 076) EL SLEW R=LOW	AACS		30827:04:003F	02-301/07:00:36	1ECa
579	301 19:08:50	31				B- SLEND			30827:09:734F	02-301/07:05:19	1TB
580	301 19:08:50	31			SLEWEND	AZ=124.998 EL=114.022 CO=110.350			30827:09:734F	02-301/07:05:19	1T
581	301 20:11:36	31	60 SET			14.6 DEGREE SET DSC-60					1V
582	301 20:35:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9209					1DP
583	302 00:00:00	31				VGR-31 OWLT IS 12H 03M 32S					1L
584	302 00:01:07	31	40RISE			10.2 DEGREE RISE DSC-40					1V
585	302 00:30:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9210 (D/L ONLY)					1DP
586	302 00:30:00	31				CFG CODES					1DP
587	302 04:00:52	31	10 SET			10.2 DEGREE SET DSC-10					1V
588	302 04:10:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9210					1DP
589	302 06:15:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-9210 (D/L ONLY)					1DP
590	302 06:15:00	31				CFG CODES					1DP
591	302 08:20:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-9210					1DP
592	302 08:59:05	31	60RISE			10.2 DEGREE RISE DSC-60					1V

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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
593	302 09:06:16	31	40 SET			10.2 DEGREE SET DSC-40					1V
594	302 12:00:00	31				VGR-31 OWLT IS 12H 03M 37S					1L
595	302 16:10:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9210 (D/L ONLY)					1DP
596	302 16:10:00	31				CFG CODES					1DP
597	302 16:31:37	31	10RISE			10.2 DEGREE RISE DSC-10					1V
598	302 19:04:15	31				B- UVSLEW			30857:04:001F	02-302/07:00:35	1TB
599	302 19:04:15	31				SLEW TO HELIO-15A			30857:04:001F	02-302/07:00:35	1T
600	302 19:04:15	31				B- PLATPOA			30857:04:001F	02-302/07:00:35	1TB
601	302 19:04:15	31			AC7SPK	(1 12 1 096 128) EL SLEW R=LOW	AACS		30857:04:003F	02-302/07:00:36	1ECa
602	302 19:08:34	31				B- SLEND			30857:09:318F	02-302/07:04:54	1TB
603	302 19:08:34	31			SLEWEND	AZ=124.998 EL=134.977 CO=131.234			30857:09:318F	02-302/07:04:54	1T
604	302 19:55:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9210					1DP
605	302 20:07:44	31	60 SET			14.6 DEGREE SET DSC-60					1V
606	302 20:24:04	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
607	302 20:24:04	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=30 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
608	302 20:28:16	31				B- ASCAL			30858:49:001F	02-302/08:24:35	1TB
609	302 20:28:16	31				B- DREL40			30858:49:001F	02-302/08:24:35	1TB
610	302 20:28:16	31			SC06BB	(32 0 07 0) FDS MODE TO: EL-40 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		30858:49:009F	02-302/08:24:36	1ECF

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
611	302 20:29:04	31		ACE OPCH		FDS STATUS EL-40/X40/S40 MEM:PA/FDS11	FDS	CE-40	30858:50:001F	02-302/08:25:23	1ESf
612	302 20:29:04	31			CC3A	(30310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=30 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		30858:50:002F	02-302/08:25:23	1ECs
613	302 20:30:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9211 (D/L ONLY)					1DP
614	302 20:30:00	31				CFG CODES					1DP
615	302 20:44:16	31				.05 ALL AXES DEADBAND			30859:09:001F	02-302/08:40:35	1T
616	302 20:44:16	31			AC7DDB	(000480) CHG TO .05 DEG DEADBAND	AACS		30859:09:003F	02-302/08:40:36	1ECa
617	302 21:00:16	31			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		30859:29:002F	02-302/08:56:36	1ECa
618	302 21:00:16	31				AACS STATUS MODE : AAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		30859:29:002F	02-302/08:56:36	1ESa
619	302 21:00:16	31			CC7GARP	GYRO A OFF	PWR		30859:29:003F	02-302/08:56:36	1ECp
620	302 21:00:16	31			CC7GARP	GYRO A OFF	PWR		30859:29:005F	02-302/08:56:36	1ECp
621	302 21:00:16	31			CC7PC	(352) GYRO A OFF	AACS		30859:29:007F	02-302/08:56:36	1ECa
622	302 21:00:16	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		30859:29:007F	02-302/08:56:36	1ECp
623	302 21:00:16	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		30859:29:010F	02-302/08:56:36	1ECp
624	302 21:00:17	31			CC7PC	(312) DUMMY PWR CMD	AACS		30859:29:012F	02-302/08:56:36	1ECa
625	302 21:01:04	31				START FIRST YAW DRIFT TURN			30859:30:001F	02-302/08:57:23	1T
626	302 21:01:04	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		30859:30:004F	02-302/08:57:24	1ECa
627	302 21:05:04	31			AC7PAR	(7015 764220) PARAMETER LOAD	AACS		30859:35:003F	02-302/09:01:24	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
628	302 21:13:04	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		30859:45:003F	02-302/09:09:24	1ECa
629	302 21:17:04	31			AC7PAR	(7015 000000) PARAMETER LOAD	AACS		30859:50:004F	02-302/09:13:24	1ECa
630	302 21:17:05	31				END THIRD YAW DRIFT TURN			30859:50:018F	02-302/09:13:24	1T
631	302 21:17:52	31				START FIRST PITCH DRIFT TURN			30859:51:001F	02-302/09:14:11	1T
632	302 21:17:52	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		30859:51:003F	02-302/09:14:12	1ECa
633	302 21:21:52	31			AC7PAR	(7014 764220) PARAMETER LOAD	AACS		30859:56:004F	02-302/09:18:12	1ECa
634	302 21:29:52	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		30860:06:004F	02-302/09:26:12	1ECa
635	302 21:33:52	31			AC7PAR	(7014 000000) PARAMETER LOAD	AACS		30860:11:003F	02-302/09:30:12	1ECa
636	302 21:33:53	31				END THIRD PITCH DRIFT TURN			30860:11:018F	02-302/09:30:12	1T
637	302 21:35:28	31			CC7SS	(1) SS SEARCH ENABLE	AACS		30860:13:001F	02-302/09:31:47	1ECa
638	302 21:35:28	31				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS	30860:13:001F	02-302/09:31:47	1ESa	
639	302 21:35:28	31			CC7PC	(327) IDET ACQUIRED	AACS		30860:13:002F	02-302/09:31:48	1ECa
640	302 21:35:28	31			CC7GARP	GYRO A OFF	PWR		30860:13:003F	02-302/09:31:48	1ECp
641	302 21:35:28	31			CC7GARP	GYRO A OFF	PWR		30860:13:005F	02-302/09:31:48	1ECp
642	302 21:35:28	31			CC7PC	(352) GYRO A OFF	AACS		30860:13:007F	02-302/09:31:48	1ECa
643	302 21:35:28	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		30860:13:008F	02-302/09:31:48	1ECp
644	302 21:35:28	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		30860:13:010F	02-302/09:31:48	1ECp
645	302 21:35:29	31			CC7PC	(312) DUMMY PWR CMD	AACS		30860:13:012F	02-302/09:31:48	1ECa
646	302 21:36:04	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
647	302 21:36:04	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
648	302 21:37:04	31			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		30860:15:001F	02-302/09:33:23	1ECa
649	302 21:38:09	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		30860:16:285F	02-302/09:34:28	1ESa
650	302 21:38:09	31			CC7PC	(307) STAR ACQUIRED	AACS		30860:16:285F	02-302/09:34:28	1ECa
651	302 21:38:09	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		30860:16:286F	02-302/09:34:29	1ECp
652	302 21:38:09	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		30860:16:288F	02-302/09:34:29	1ECp
653	302 21:38:09	31			CC7PC	(312) DUMMY PWR CMD	AACS		30860:16:290F	02-302/09:34:29	1ECa
654	302 21:40:16	31				B- DRCRUS			30860:19:001F	02-302/09:36:35	1TB
655	302 21:40:16	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		30860:19:009F	02-302/09:36:36	1ECf
656	302 21:41:04	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	30860:20:001F	02-302/09:37:23	1ESf
657	302 21:41:04	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		30860:20:002F	02-302/09:37:23	1ECs
658	302 21:46:40	31				B- YAWDB			30860:27:001F	02-302/09:42:59	1TB
659	302 21:46:40	31				YAWDB - .10			30860:27:001F	02-302/09:42:59	1T
660	302 21:46:40	31				B- ROLLDB			30860:27:001F	02-302/09:42:59	1TB

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FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
661	302 21:46:40	31				ROLLDB - .25			30860:27:001F	02-302/09:42:59	1T
662	302 21:46:40	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		30860:27:003F	02-302/09:43:00	1ECa
663	302 21:46:40	31			AC7PAR	(6742 004540) +ROLL DB=.25 DEG	AACS		30860:27:005F	02-302/09:43:00	1ECa
664	302 21:46:41	31	FAILUR	OPCH FAI		END ASCAL					1TD
665	302 21:48:16	31				RESTART GYRO FAULT TEST			30860:29:001F	02-302/09:44:35	1T
666	302 21:48:16	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		30860:29:002F	02-302/09:44:35	1ECa
667	302 22:00:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9211					1DP
668	302 23:30:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9211 (D/L ONLY)					1DP
669	302 23:30:00	31				CFG CODES					1DP
670	302 23:57:12	31	40RISE			10.2 DEGREE RISE DSC-40					1V
671	303 00:00:00	31				VGR-31 OWLT IS 12H 03M 41S					1L
672	303 02:55:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-9211 (D/L ONLY)					1DP
673	303 02:55:00	31				CFG CODES					1DP
674	303 03:00:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9211					1DP
675	303 03:56:58	31	10 SET			10.2 DEGREE SET DSC-10					1V
676	303 04:16:55	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
677	303 04:16:55	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
678	303 04:17:43	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
679	303 04:17:43	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
680	303 04:20:19	31				BEGIN PWSREC.31			30868:39:001F	02-302/16:16:35	1T
681	303 04:20:19	31			SC32AJ	(10) PLS CONFIG CMD	FDS		30868:39:009F	02-302/16:16:36	1ECF
682	303 04:21:07	31				B- DRGS4B			30868:40:001F	02-302/16:17:23	1TB
683	303 04:21:07	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		30868:40:009F	02-302/16:17:24	1ECF
684	303 04:21:51	31				BEGIN RECORDING PWS DATA			30868:40:734F	02-302/16:18:07	1T
685	303 04:21:51	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		30868:40:735F	02-302/16:18:08	1Ecd
686	303 04:21:51	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:0550	DTR		30868:40:735F	02-302/16:18:08	1ESd
687	303 04:21:55	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	30868:41:001F	02-302/16:18:11	1ESf
688	303 04:21:55	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		30868:41:002F	02-302/16:18:12	1ECs
689	303 04:21:56	31				B- DRCRUS			30868:41:018F	02-302/16:18:12	1TB

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
690	303 04:21:56	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		30868:41:026F	02-302/16:18:13	1ECf
691	303 04:22:43	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	30868:42:001F	02-302/16:18:59	1ESf
692	303 04:22:43	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		30868:42:002F	02-302/16:18:59	1ECs
693	303 04:22:43	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		30868:42:002F	02-302/16:19:00	1ECd
694	303 04:22:43	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:0843	DTR		30868:42:002F	02-302/16:19:00	1ESd
695	303 04:23:31	31			SC32AJ	(11) PLS CONFIG CMD	FDS		30868:43:009F	02-302/16:19:48	1ECf
696	303 04:23:32	31				END PWSREC.31			30868:43:018F	02-302/16:19:48	1T
697	303 05:50:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-9211					1DP
698	303 08:55:12	31	60RISE			10.2 DEGREE RISE DSC-60					1V
699	303 09:02:24	31	40 SET			10.2 DEGREE SET DSC-40					1V
700	303 12:00:00	31				VGR-31 OWLT IS 12H 03M 46S					1L
701	303 15:45:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9211 (U/L PASS) PERFORM RFSTLC PER TELECOM MESSAGE					1DP
702	303 16:27:45	31	10RISE			10.2 DEGREE RISE DSC-10					1V
703	303 19:04:24	31				B- UVSLEW			30887:04:001F	02-303/07:00:35	1TB
704	303 19:04:24	31				SLEW TO HELIO-14A			30887:04:001F	02-303/07:00:35	1T

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
705	303 19:04:24	31				B- PLATPOA			30887:04:001F	02-303/07:00:35	1TB
706	303 19:04:24	31			AC7SPK	(1 12 2 089 171) EL SLEW R=LOW	AACS		30887:04:003F	02-303/07:00:36	1ECa
707	303 19:06:31	31				B- SLEND			30887:06:518F	02-303/07:02:42	1TB
708	303 19:06:31	31			SLEWEND	AZ=124.998 EL=144.997 CO=141.185			30887:06:518F	02-303/07:02:42	1T
709	303 20:03:52	31	60	SET		14.6 DEGREE SET DSC-60					1V
710	303 20:40:00	31	63	LOS	OPCH ACE	LOS DSS-63 PASS-9211					1DP
711	303 23:25:00	31	15	AOS	OPCH ACE	AOS DSS-15 PASS-9212 (D/L ONLY)					1DP
712	303 23:25:00	31				CFG CODES					1DP
713	303 23:53:18	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
714	304 00:00:00	31				VGR-31 OWLT IS 12H 03M 50S					1L
715	304 03:10:00	31	15	LOS	OPCH ACE	LOS DSS-15 PASS-9212					1DP
716	304 03:30:00	31	45	AOS	OPCH ACE	AOS DSS-45 PASS-9212 (D/L ONLY)					1DP
717	304 03:30:00	31				CFG CODES					1DP
718	304 03:53:04	31	10	SET		10.2 DEGREE SET DSC-10					1V
719	304 08:15:00	31	45	LOS	OPCH ACE	LOS DSS-45 PASS-9212					1DP
720	304 08:51:20	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
721	304 08:58:31	31	40	SET		10.2 DEGREE SET DSC-40					1V
722	304 12:00:00	31				VGR-31 OWLT IS 12H 03M 54S					1L
723	304 13:40:00	31	65	AOS	OPCH ACE	AOS DSS-65 PASS-9212 (D/L ONLY)					1DP
724	304 13:40:00	31				CFG CODES					1DP
725	304 16:23:52	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
726	304 19:04:33	31				B- UVSLEW			30917:04:001F	02-304/07:00:35	1TB

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
727	304 19:04:33	31				SLEW TO HELIO-13A			30917:04:001F	02-304/07:00:35	1T
728	304 19:04:33	31				B- PLATPOA			30917:04:001F	02-304/07:00:35	1TB
729	304 19:04:33	31			AC7SPK	(1 12 2 083 118) EL SLEW R=LOW	AACS		30917:04:003F	02-304/07:00:36	1ECa
730	304 19:06:28	31				B- SLEND			30917:06:318F	02-304/07:02:30	1TB
731	304 19:06:28	31			SLEWEND	AZ=124.998 EL=154.005 CO=150.089			30917:06:318F	02-304/07:02:30	1T
732	304 19:40:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9212					1DP
733	304 19:50:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9213 (D/L ONLY)					1DP
734	304 19:50:00	31				CFG CODES					1DP
735	304 19:59:57	31	60 SET			14.6 DEGREE SET DSC-60					1V
736	304 23:49:23	31	40RISE			10.2 DEGREE RISE DSC-40					1V
737	305 00:00:00	31				VGR-31 OWLT IS 12H 03M 59S					1L
738	305 02:15:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9213					1DP
739	305 02:20:00	31	34 AOS	OPCH ACE		AOS DSS-34 PASS-9213 (D/L ONLY)					1DP
740	305 02:20:00	31				CFG CODES					1DP
741	305 03:49:10	31	10 SET			10.2 DEGREE SET DSC-10					1V
742	305 05:35:00	31	34 LOS	OPCH ACE		LOS DSS-34 PASS-9213					1DP
743	305 08:47:27	31	60RISE			10.2 DEGREE RISE DSC-60					1V
744	305 08:54:39	31	40 SET			10.2 DEGREE SET DSC-40					1V
745	305 12:00:00	31				VGR-31 OWLT IS 12H 04M 03S					1L
746	305 13:08:40	31			AC7SSB	(4 +152) SS BIAS CONTROL --- YAW	AACS		30939:39:003F	02-305/01:04:36	1ECa
747	305 14:50:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9213 (D/L ONLY)					1DP
748	305 14:50:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
749	305 16:19:59	31	10RISE			10.2 DEGREE RISE DSC-10					1V
750	305 19:04:42	31				B- UVSLEW			30947:04:001F	02-305/07:00:35	1TB
751	305 19:04:42	31				SLEW TO HELIO-12A			30947:04:001F	02-305/07:00:35	1T
752	305 19:04:42	31				B- PLATPOA			30947:04:001F	02-305/07:00:35	1TB
753	305 19:04:42	31			AC7SPK	(1 12 1 075 108) EL SLEW R=LOW	AACS		30947:04:003F	02-305/07:00:36	1ECa
754	305 19:07:07	31				B- SLEND			30947:07:018F	02-305/07:03:00	1TB
755	305 19:07:07	31			SLEWEND	AZ=124.998 EL=165.528 CO=161.393			30947:07:018F	02-305/07:03:00	1T
756	305 19:20:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9214 (D/L ONLY)					1DP
757	305 19:20:00	31				CFG CODES					1DP
758	305 19:35:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9213					1DP
759	305 19:56:05	31	60 SET			14.5 DEGREE SET DSC-60					1V
760	305 20:25:18	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
761	305 20:25:18	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
762	305 20:28:42	31				B- MAGROLBC.31			30948:49:001F	02-305/08:24:35	1TB
763	305 20:28:42	31				BEGIN MAGROLBC31			30948:49:001F	02-305/08:24:35	1T
764	305 20:28:42	31				B- YAW10			30948:49:001F	02-305/08:24:35	1TB
765	305 20:28:42	31				YAW10			30948:49:001F	02-305/08:24:35	1T
766	305 20:28:42	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		30948:49:004F	02-305/08:24:36	1ECa
767	305 20:29:31	31				B- DR5T			30948:50:018F	02-305/08:25:24	1TB

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
768	305 20:29:31	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		30948:50:026F	02-305/08:25:25	1ECf
769	305 20:30:18	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	30948:51:001F	02-305/08:26:11	1ESf
770	305 20:30:18	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		30948:51:002F	02-305/08:26:11	1ECs
771	305 20:36:43	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR COMMANDED TURN D/L AGC VARIATIONS EXPECTED					11EC
772	305 20:38:43	31			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		30949:01:419F	02-305/08:34:37	1ECa
773	305 20:38:43	31				AACS STATUS MODE : AAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		30949:01:419F	02-305/08:34:37	1ESa
774	305 20:38:43	31			CC7GARP	GYRO A OFF	PWR		30949:01:420F	02-305/08:34:37	1ECp
775	305 20:38:43	31			CC7GARP	GYRO A OFF	PWR		30949:01:422F	02-305/08:34:37	1ECp
776	305 20:38:43	31			CC7PC	(352) GYRO A OFF	AACS		30949:01:424F	02-305/08:34:37	1ECa
777	305 20:38:43	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		30949:01:425F	02-305/08:34:37	1ECp
778	305 20:38:43	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		30949:01:427F	02-305/08:34:37	1ECp
779	305 20:38:44	31			CC7PC	(312) DUMMY PWR CMD	AACS		30949:01:429F	02-305/08:34:37	1ECa
780	305 20:41:43	31			AC7TCD	(322 033478) TURN COMMAND AXIS=ROLL POL=NEG RNG SCALE=X10	AACS		30949:05:220F	02-305/08:37:37	1ECa
781	305 23:45:29	31	40RISE			10.2 DEGREE RISE DSC-40					1V

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
782	306 00:00:00	31				VGR-31 OWLT IS 12H 04M 07S					1L
783	306 01:09:57	31			SC32AJ	(10) PLS CONFIG CMD	FDS		30954:40:426F	02-305/13:05:49	1ECf
784	306 01:43:28	31			SC32AJ	(11) PLS CONFIG CMD	FDS		30955:22:342F	02-305/13:39:20	1ECf
785	306 02:18:32	31				ROLL TURN COMPLETE (NOMINAL)			30956:06:201F	02-305/14:14:23	1T
786	306 02:18:32	31			CC7PC	(345) CMDED TURN COMPLETE	AACS		30956:06:200F	02-305/14:14:23	1ECa
787	306 02:20:45	31			SC32AJ	(11) PLS CONFIG CMD	FDS		30956:09:026F	02-305/14:16:37	1ECf
788	306 02:29:45	31				RESET CALIB			30956:20:218F	02-305/14:25:36	1T
789	306 02:29:45	31			AC7PAR	(7530 000000) PARAMETER LOAD	AACS		30956:20:220F	02-305/14:25:37	1ECa
790	306 02:30:15	31			CC7SS	(1) SS SEARCH ENABLE	AACS		30956:20:719F	02-305/14:26:07	1ECa
791	306 02:30:15	31				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS	30956:20:719F	02-305/14:26:07	1ESa	
792	306 02:30:15	31			CC7PC	(327) IDET ACQUIRED	AACS		30956:20:719F	02-305/14:26:07	1ECa
793	306 02:30:15	31			CC7GARP	GYRO A OFF	PWR		30956:20:720F	02-305/14:26:07	1ECp
794	306 02:30:15	31			CC7GARP	GYRO A OFF	PWR		30956:20:722F	02-305/14:26:07	1ECp
795	306 02:30:15	31			CC7PC	(352) GYRO A OFF	AACS		30956:20:724F	02-305/14:26:07	1ECa
796	306 02:30:15	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		30956:20:725F	02-305/14:26:07	1ECp
797	306 02:30:15	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		30956:20:727F	02-305/14:26:07	1ECp
798	306 02:30:16	31			CC7PC	(312) DUMMY PWR CMD	AACS		30956:20:729F	02-305/14:26:07	1ECa
799	306 02:36:15	31			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		30956:28:319F	02-305/14:32:07	1ECa
800	306 02:37:20	31				GYROS OFF			30956:29:601F	02-305/14:33:11	1T

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
801	306 02:37:20	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		30956:29:602F	02-305/14:33:12	1ESa
802	306 02:37:20	31			CC7PC	(307) STAR ACQUIRED	AACS		30956:29:602F	02-305/14:33:12	1ECa
803	306 02:37:20	31			CC7GCRP	GYRO C OFF	PWR		30956:29:603F	02-305/14:33:12	1ECp
804	306 02:37:20	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		30956:29:603F	02-305/14:33:12	1ESa
805	306 02:37:20	31			CC7GCRP	GYRO C OFF	PWR		30956:29:605F	02-305/14:33:12	1ECp
806	306 02:37:20	31			CC7PC	(372) GYRO C OFF	AACS		30956:29:607F	02-305/14:33:12	1ECa
807	306 02:37:20	31			CC7GBRP	GYRO B OFF	PWR		30956:29:608F	02-305/14:33:12	1ECp
808	306 02:37:20	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS		30956:29:608F	02-305/14:33:12	1ESa
809	306 02:37:20	31			CC7GBRP	GYRO B OFF	PWR		30956:29:610F	02-305/14:33:12	1ECp
810	306 02:37:21	31			CC7PC	(362) GYRO B OFF	AACS		30956:29:612F	02-305/14:33:12	1ECa
811	306 02:37:21	31			CC7GARP	GYRO A OFF	PWR		30956:29:613F	02-305/14:33:12	1ECp
812	306 02:37:21	31			CC7GARP	GYRO A OFF	PWR		30956:29:615F	02-305/14:33:12	1ECp
813	306 02:37:21	31			CC7PC	(352) GYRO A OFF	AACS		30956:29:617F	02-305/14:33:12	1ECa
814	306 02:37:21	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		30956:29:617F	02-305/14:33:12	1ECp
815	306 02:37:21	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		30956:29:619F	02-305/14:33:13	1ECp
816	306 02:37:21	31			CC7PC	(312) DUMMY PWR CMD	AACS		30956:29:622F	02-305/14:33:13	1ECa

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
832	306 06:20:00	31	34 LOS	OPCH ACE		LOS DSS-34 PASS-9214					1DP
833	306 07:19:58	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		30962:23:002F	02-305/19:15:48	1ECd
834	306 07:19:58	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0849	DTR		30962:23:002F	02-305/19:15:48	1ESd
835	306 08:43:35	31	60RISE			10.2 DEGREE RISE DSC-60					1V
836	306 08:50:46	31	40 SET			10.2 DEGREE SET DSC-40					1V
837	306 08:57:18	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		30964:24:519F	02-305/20:53:07	1ECd
838	306 08:57:18	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2952	DTR		30964:24:519F	02-305/20:53:07	1ESd
839	306 10:17:23	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
840	306 10:17:23	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
841	306 10:18:11	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
842	306 10:18:11	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
843	306 10:19:59	31			CC16C	(7017) DTR STATE SELECT: READY	DTR		30966:08:002F	02-305/22:15:48	1ECd
844	306 10:19:59	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2952	DTR		30966:08:002F	02-305/22:15:48	1ESd

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
845	306 10:20:47	31				AHEL11 PWSREC 19			30966:09:001F	02-305/22:16:35	1T
846	306 10:20:47	31				B- PWSREC.31			30966:09:001F	02-305/22:16:35	1TB
847	306 10:20:47	31				BEGIN PWSREC.31			30966:09:001F	02-305/22:16:35	1T
848	306 10:20:47	31			SC32AJ	(10) PLS CONFIG CMD	FDS		30966:09:009F	02-305/22:16:36	1ECf
849	306 10:21:35	31				B- DRGS4B			30966:10:001F	02-305/22:17:23	1TB
850	306 10:21:35	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		30966:10:009F	02-305/22:17:24	1ECf
851	306 10:22:19	31				BEGIN RECORDING PWS DATA			30966:10:734F	02-305/22:18:07	1T
852	306 10:22:19	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		30966:10:735F	02-305/22:18:08	1ECd
853	306 10:22:19	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:2952	DTR		30966:10:735F	02-305/22:18:08	1ESd
854	306 10:22:23	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	30966:11:001F	02-305/22:18:11	1ESf
855	306 10:22:23	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		30966:11:002F	02-305/22:18:11	1ECs
856	306 10:22:24	31				B- DRCRUS			30966:11:018F	02-305/22:18:12	1TB
857	306 10:22:24	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		30966:11:026F	02-305/22:18:13	1ECf

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
858	306 10:23:11	31		ACE OPCH			FDS	CR-5T	30966:12:001F	02-305/22:18:59	1ESf
						FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11					
859	306 10:23:11	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		30966:12:002F	02-305/22:18:59	1ECs
860	306 10:23:11	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		30966:12:002F	02-305/22:19:00	1ECd
861	306 10:23:11	31					DTR		30966:12:002F	02-305/22:19:00	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:3244					
862	306 10:23:59	31			SC32AJ	(11) PLS CONFIG CMD	FDS		30966:13:009F	02-305/22:19:48	1ECf
863	306 10:24:00	31				END PWSREC.31			30966:13:018F	02-305/22:19:48	1T
864	306 12:00:00	31				VGR-31 OWLT IS 12H 04M 12S					1L
865	306 12:29:36	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		30968:50:002F	02-306/00:25:24	1ECd
866	306 12:29:36	31					DTR		30968:50:002F	02-306/00:25:24	1ESd
						DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3251					
867	306 14:20:47	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		30971:08:773F	02-306/02:16:34	1ECd
868	306 14:20:47	31					DTR		30971:08:773F	02-306/02:16:34	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:0849					
869	306 15:29:37	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		30972:35:002F	02-306/03:25:24	1ECd

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
870	306 15:29:37	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:0849	DTR		30972:35:002F	02-306/03:25:24	1ESd
871	306 15:50:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9214 (D/L ONLY)					1DP
872	306 15:50:00	31				CFG CODES					1DP
873	306 16:16:06	31	10RISE			10.2 DEGREE RISE DSC-10					1V
874	306 19:04:50	31				B- UVSLEW			30977:04:001F	02-306/07:00:35	1TB
875	306 19:04:50	31				SLEW TO HELIO-11A			30977:04:001F	02-306/07:00:35	1T
876	306 19:04:50	31				B- PLATPOA			30977:04:001F	02-306/07:00:35	1TB
877	306 19:04:50	31			AC7SPK	(1 12 2 068 132) EL SLEW R=LOW	AACS		30977:04:003F	02-306/07:00:36	1ECa
878	306 19:07:03	31				B- SLEND			30977:06:618F	02-306/07:02:48	1TB
879	306 19:07:03	31			SLEWEND	AZ=124.998 EL=176.039 CO=171.160			30977:06:618F	02-306/07:02:48	1T
880	306 19:35:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9214					1DP
881	306 19:52:13	31	60 SET			14.5 DEGREE SET DSC-60					1V
882	306 23:35:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9215 (D/L ONLY)					1DP
883	306 23:35:00	31				CFG CODES					1DP
884	306 23:41:35	31	40RISE			10.2 DEGREE RISE DSC-40					1V
885	307 00:00:00	31				VGR-31 OWLT IS 12H 04M 16S					1L
886	307 02:35:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-9215 (D/L ONLY)					1DP
887	307 02:35:00	31				CFG CODES					1DP
888	307 02:55:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9215					1DP
889	307 03:41:21	31	10 SET			10.2 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
890	307 06:35:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-9215					1DP
891	307 08:39:42	31	60RISE			10.2 DEGREE RISE DSC-60					1V
892	307 08:46:54	31	40 SET			10.2 DEGREE SET DSC-40					1V
893	307 12:00:00	31				VGR-31 OWLT IS 12H 04M 20S					1L
894	307 15:40:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9215 (D/L ONLY)					1DP
895	307 15:40:00	31				CFG CODES					1DP
896	307 16:12:14	31	10RISE			10.2 DEGREE RISE DSC-10					1V
897	307 19:04:59	31				B- UVSLEW			31007:04:001F	02-307/07:00:35	1TB
898	307 19:04:59	31				SLEW TO MIDPNT			31007:04:001F	02-307/07:00:35	1T
899	307 19:04:59	31				B- PLATPOB			31007:04:001F	02-307/07:00:35	1TB
900	307 19:04:59	31			AC7SPK	(1 12 2 093 082) EL SLEW R=LOW	AACS		31007:04:003F	02-307/07:00:36	1ECa
901	307 19:04:59	31			AC7SPK	(2 12 1 165 130) AZ SLEW R=LOW	AACS		31007:04:005F	02-307/07:00:36	1ECa
902	307 19:10:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9216 (D/L ONLY)					1DP
903	307 19:10:00	31				CFG CODES					1DP
904	307 19:30:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9215					1DP
905	307 19:31:42	31				B- SLEND			31007:37:318F	02-307/07:27:18	1TB
906	307 19:31:42	31			SLEWEND	AZ=220.011 EL=140.025 CO=135.509			31007:37:318F	02-307/07:27:18	1T
907	307 19:48:21	31	60 SET			14.5 DEGREE SET DSC-60					1V
908	307 21:25:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9216					1DP
909	307 23:37:40	31	40RISE			10.2 DEGREE RISE DSC-40					1V
910	308 00:00:00	31				VGR-31 OWLT IS 12H 04M 25S					1L
911	308 03:37:27	31	10 SET			10.2 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
912	308 08:35:50	31	60RISE			10.2 DEGREE RISE DSC-60					1V
913	308 08:43:01	31	40 SET			10.2 DEGREE SET DSC-40					1V
914	308 12:00:00	31				VGR-31 OWLT IS 12H 04M 29S					1L
915	308 13:35:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9216 (D/L ONLY)					1DP
916	308 13:35:00	31				CFG CODES					1DP
917	308 16:08:21	31	10RISE			10.2 DEGREE RISE DSC-10					1V
918	308 16:15:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9216 (U/L PASS) PERFORM RFSTLC PER TELECOM MESSAGE					1DP
919	308 16:35:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9216					1DP
920	308 19:05:07	31				B- UVSLEW			31037:04:001F	02-308/07:00:35	1TB
921	308 19:05:07	31				SLEW TO HELIO-10A			31037:04:001F	02-308/07:00:35	1T
922	308 19:05:07	31				B- PLATPOB			31037:04:001F	02-308/07:00:35	1TB
923	308 19:05:07	31			AC7SPK	(2 12 2 221 177) AZ SLEW R=LOW	AACS		31037:04:003F	02-308/07:00:36	1ECa
924	308 19:05:07	31			AC7SPK	(1 12 1 070 142) EL SLEW R=LOW	AACS		31037:04:005F	02-308/07:00:36	1ECa
925	308 19:27:54	31				B- SLEND			31037:32:384F	02-308/07:23:22	1TB
926	308 19:27:54	31			SLEWEND	AZ=299.986 EL=172.036 CO=173.016			31037:32:384F	02-308/07:23:22	1T
927	308 19:44:29	31	60 SET			14.5 DEGREE SET DSC-60					1V
928	308 20:15:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9216					1DP
929	308 23:33:46	31	40RISE			10.2 DEGREE RISE DSC-40					1V
930	309 00:00:00	31				VGR-31 OWLT IS 12H 04M 33S					1L
931	309 03:33:33	31	10 SET			10.2 DEGREE SET DSC-10					1V
932	309 08:31:57	31	60RISE			10.2 DEGREE RISE DSC-60					1V
933	309 08:39:09	31	40 SET			10.2 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
934	309 12:00:00	31				VGR-31 OWLT IS 12H 04M 37S					1L
935	309 13:40:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9217 (D/L ONLY)					1DP
936	309 13:40:00	31				CFG CODES					1DP
937	309 16:04:28	31	10RISE			10.2 DEGREE RISE DSC-10					1V
938	309 19:05:16	31				B- UVSLEW			31067:04:001F	02-309/07:00:35	1TB
939	309 19:05:16	31				SLEW TO HELIO-9A			31067:04:001F	02-309/07:00:35	1T
940	309 19:05:16	31				B- PLATPOB			31067:04:001F	02-309/07:00:35	1TB
941	309 19:05:16	31			AC7SPK	(1 12 2 079 159) EL SLEW R=LOW	AACS		31067:04:003F	02-309/07:00:36	1ECa
942	309 19:05:16	31			AC7SPL	(2 12 1 255 044) AZ SLEW R=LOW	AACS		31067:04:005F	02-309/07:00:36	1ECa
943	309 19:07:54	31				B- SLEND			31067:07:234F	02-309/07:03:13	1TB
944	309 19:07:54	31			SLEWEND	AZ=299.956 EL=160.336 CO=162.674			31067:07:234F	02-309/07:03:13	1T
945	309 19:20:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9217					1DP
946	309 19:40:37	31	60 SET			14.5 DEGREE SET DSC-60					1V
947	309 23:29:52	31	40RISE			10.2 DEGREE RISE DSC-40					1V
948	310 00:00:00	31				VGR-31 OWLT IS 12H 04M 41S					1L
949	310 01:46:54	31			AC7SSB	(4 +153) SS BIAS CONTROL --- YAW	AACS		31075:26:003F	02-309/13:42:12	1ECa
950	310 02:30:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-9218 (D/L ONLY)					1DP
951	310 02:30:00	31				CFG CODES					1DP
952	310 03:29:39	31	10 SET			10.2 DEGREE SET DSC-10					1V
953	310 03:53:55	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
954	310 03:53:55	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
955	310 03:54:43	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
956	310 03:54:43	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
957	310 03:57:19	31				BEGIN PWSREC.31			31078:09:001F	02-309/15:52:35	1T
958	310 03:57:19	31			SC32AJ	(10) PLS CONFIG CMD	FDS		31078:09:009F	02-309/15:52:36	1ECF
959	310 03:58:07	31				B- DRGS4B			31078:10:001F	02-309/15:53:23	1TB
960	310 03:58:07	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		31078:10:009F	02-309/15:53:24	1ECF
961	310 03:58:51	31				BEGIN RECORDING PWS DATA			31078:10:734F	02-309/15:54:07	1T
962	310 03:58:51	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		31078:10:735F	02-309/15:54:08	1ECd
963	310 03:58:51	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:0849	DTR		31078:10:735F	02-309/15:54:08	1ESd
964	310 03:58:55	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	31078:11:001F	02-309/15:54:11	1ESF

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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	310 03:58:55	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		31078:11:002F	02-309/15:54:12	1ECs
966	310 03:58:56	31				B- DRCRUS			31078:11:018F	02-309/15:54:12	1TB
967	310 03:58:56	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		31078:11:026F	02-309/15:54:13	1ECF
968	310 03:59:43	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	31078:12:001F	02-309/15:54:59	1ESF
969	310 03:59:43	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		31078:12:002F	02-309/15:54:59	1ECs
970	310 03:59:43	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		31078:12:002F	02-309/15:55:00	1ECd
971	310 03:59:43	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1142	DTR		31078:12:002F	02-309/15:55:00	1ESd
972	310 04:00:31	31			SC32AJ	(11) PLS CONFIG CMD	FDS		31078:13:009F	02-309/15:55:48	1ECf
973	310 04:00:32	31				END PWSREC.31			31078:13:018F	02-309/15:55:48	1T
974	310 07:35:00	31	45 LOS	OPCH	ACE	LOS DSS-45 PASS-9218					1DP
975	310 08:28:05	31	60RISE			10.2 DEGREE RISE DSC-60					1V
976	310 08:35:16	31	40 SET			10.2 DEGREE SET DSC-40					1V
977	310 12:00:00	31				VGR-31 OWLT IS 12H 04M 45S					1L
978	310 13:35:00	31	65 AOS	OPCH	ACE	AOS DSS-65 PASS-9218 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
979	310 13:35:00	31				CFG CODES					1DP
980	310 16:00:36	31	10RISE			10.2 DEGREE RISE DSC-10					1V
981	310 17:16:35	31			AC7SSB	(3 +015) SS BIAS CONTROL - PITCH	AACS		31094:48:002F	02-310/05:11:48	1ECa
982	310 18:35:48	31				B- DAIN.31			31096:27:001F	02-310/06:30:59	1TB
983	310 18:35:48	31				BEGIN DAIN31			31096:27:001F	02-310/06:30:59	1T
984	310 19:05:24	31				B- UVSLEW			31097:04:001F	02-310/07:00:35	1TB
985	310 19:05:24	31				SLEW TO HELIO-8A			31097:04:001F	02-310/07:00:35	1T
986	310 19:05:24	31				B- PLATPOA			31097:04:001F	02-310/07:00:35	1TB
987	310 19:05:24	31			AC7SPK	(1 12 1 086 126) EL SLEW R=LOW	AACS		31097:04:003F	02-310/07:00:36	1ECa
988	310 19:07:34	31				B- SLEND			31097:06:568F	02-310/07:02:45	1TB
989	310 19:07:34	31			SLEWEND	AZ=299.956 EL=150.031 CO=152.649			31097:06:568F	02-310/07:02:45	1T
990	310 19:20:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9218					1DP
991	310 19:36:45	31	60 SET			14.5 DEGREE SET DSC-60					1V
992	310 23:25:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9219 (D/L ONLY)					1DP
993	310 23:25:00	31				CFG CODES					1DP
994	310 23:25:58	31	40RISE			10.2 DEGREE RISE DSC-40					1V
995	311 00:00:00	31				VGR-31 OWLT IS 12H 04M 50S					1L
996	311 02:00:00	31	34 AOS	OPCH ACE		AOS DSS-34 PASS-9219 (D/L ONLY)					1DP
997	311 02:00:00	31				CFG CODES					1DP
998	311 02:25:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9219					1DP
999	311 03:06:51	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN D/L CARRIER SIG LEVEL					11EC

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1000	311 03:11:51	31				X BAND LOW POWER			31107:12:001F	02-310/15:06:59	1T
1001	311 03:11:51	31			DC2HR	X-BAND TWT LOW POWER	RFS		31107:12:002F	02-310/15:06:59	1ECr
1002	311 03:15:51	31			CC1T	BAY 1 HTR ON	PWR		31107:17:002F	02-310/15:10:59	1ECp
1003	311 03:15:52	31				END PWPBA31			31107:17:018F	02-310/15:11:00	1T
1004	311 03:15:52	31				END BASLIN			31107:17:018F	02-310/15:11:00	1T
1005	311 03:25:45	31	10 SET			10.2 DEGREE SET DSC-10					1V
1006	311 06:05:00	31	34 LOS	OPCH ACE		LOS DSS-34 PASS-9219					1DP
1007	311 08:24:12	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1008	311 08:31:24	31	40 SET			10.2 DEGREE SET DSC-40					1V
1009	311 12:00:00	31				VGR-31 OWLT IS 12H 04M 54S					1L
1010	311 13:40:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9219 (D/L ONLY)					1DP
1011	311 13:40:00	31				CFG CODES					1DP
1012	311 15:56:43	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1013	311 19:05:32	31				B- UVSLEW			31127:04:001F	02-311/07:00:35	1TB
1014	311 19:05:32	31				SLEW TO HELIO-7A			31127:04:001F	02-311/07:00:35	1T
1015	311 19:05:32	31				B- PLATPOA			31127:04:001F	02-311/07:00:35	1TB
1016	311 19:05:32	31			AC7SPK	(1 12 2 094 117) EL SLEW R=LOW	AACS		31127:04:003F	02-311/07:00:36	1ECa
1017	311 19:07:51	31				B- SLEND			31127:06:718F	02-311/07:02:54	1TB
1018	311 19:07:51	31			SLEWEND	AZ=299.956 EL=139.025 CO=141.797			31127:06:718F	02-311/07:02:54	1T
1019	311 19:15:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9219					1DP
1020	311 19:32:53	31	60 SET			14.5 DEGREE SET DSC-60					1V
1021	311 23:22:04	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1022	312 00:00:00	31				VGR-31 OWLT IS 12H 04M 58S					1L

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1023	312 00:15:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-9220 (D/L ONLY)					1DP
1024	312 00:15:00	31				CFG CODES					1DP
1025	312 03:21:51	31	10 SET			10.2 DEGREE SET DSC-10					1V
1026	312 07:25:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-9220					1DP
1027	312 08:20:20	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1028	312 08:27:31	31	40 SET			10.2 DEGREE SET DSC-40					1V
1029	312 12:00:00	31				VGR-31 OWLT IS 12H 05M 02S					1L
1030	312 13:35:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9220 (D/L ONLY)					1DP
1031	312 13:35:00	31				CFG CODES					1DP
1032	312 15:52:51	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1033	312 19:05:40	31				B- UVSLEW			31157:04:001F	02-312/07:00:35	1TB
1034	312 19:05:40	31				SLEW TO HELIO-6A			31157:04:001F	02-312/07:00:35	1T
1035	312 19:05:40	31				B- PLATPOA			31157:04:001F	02-312/07:00:35	1TB
1036	312 19:05:40	31			AC7SPK	(1 12 2 100 170) EL SLEW R=LOW	AACS		31157:04:003F	02-312/07:00:36	1ECa
1037	312 19:07:34	31				B- SLEND			31157:06:301F	02-312/07:02:29	1TB
1038	312 19:07:34	31			SLEWEND	AZ=299.956 EL=130.027 CO=132.869			31157:06:301F	02-312/07:02:29	1T
1039	312 19:20:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9220					1DP
1040	312 19:29:01	31	60 SET			14.5 DEGREE SET DSC-60					1V
1041	312 23:18:09	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1042	312 23:20:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9221 (D/L ONLY)					1DP
1043	312 23:20:00	31				CFG CODES					1DP
1044	313 00:00:00	31				VGR-31 OWLT IS 12H 05M 06S					1L

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1045	313 01:45:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-9221 (D/L ONLY)					1DP
1046	313 01:45:00	31				CFG CODES					1DP
1047	313 02:05:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9221					1DP
1048	313 03:17:57	31	10 SET			10.2 DEGREE SET DSC-10					1V
1049	313 06:56:56	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		31171:53:002F	02-312/18:51:48	1ECd
1050	313 06:56:56	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1148	DTR		31171:53:002F	02-312/18:51:48	1ESd
1051	313 07:25:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-9221					1DP
1052	313 08:16:27	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1053	313 08:23:39	31	40 SET			10.2 DEGREE SET DSC-40					1V
1054	313 08:34:15	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		31173:54:519F	02-312/20:29:07	1ECd
1055	313 08:34:15	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3251	DTR		31173:54:519F	02-312/20:29:07	1ESd
1056	313 09:54:21	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1057	313 09:54:21	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1058	313 09:55:09	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1059	313 09:55:09	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1060	313 09:56:57	31			CC16C	(7017) DTR STATE SELECT: READY	DTR		31175:38:002F	02-312/21:51:48	1ECd
1061	313 09:56:57	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:3251	DTR		31175:38:002F	02-312/21:51:48	1ESd
1062	313 09:57:45	31				AHEL11 PWSREC 20			31175:39:001F	02-312/21:52:35	1T
1063	313 09:57:45	31				B- PWSREC.31			31175:39:001F	02-312/21:52:35	1TB
1064	313 09:57:45	31				BEGIN PWSREC.31			31175:39:001F	02-312/21:52:35	1T
1065	313 09:57:45	31			SC32AJ	(10) PLS CONFIG CMD	FDS		31175:39:009F	02-312/21:52:36	1ECf
1066	313 09:58:33	31				B- DRGS4B			31175:40:001F	02-312/21:53:23	1TB
1067	313 09:58:33	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		31175:40:009F	02-312/21:53:24	1ECf
1068	313 09:59:17	31				BEGIN RECORDING PWS DATA			31175:40:734F	02-312/21:54:07	1T
1069	313 09:59:17	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		31175:40:735F	02-312/21:54:08	1ECd
1070	313 09:59:17	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:3251	DTR		31175:40:735F	02-312/21:54:08	1ESd
1071	313 09:59:21	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	31175:41:001F	02-312/21:54:11	1ESf
1072	313 09:59:21	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		31175:41:002F	02-312/21:54:11	1ECs

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1073	313 09:59:22	31				B- DRCRUS			31175:41:018F	02-312/21:54:12	1TB
1074	313 09:59:22	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		31175:41:026F	02-312/21:54:13	1ECf
1075	313 10:00:09	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	31175:42:001F	02-312/21:54:59	1ESf
1076	313 10:00:09	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		31175:42:002F	02-312/21:54:59	1ECs
1077	313 10:00:09	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		31175:42:002F	02-312/21:55:00	1ECd
1078	313 10:00:09	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:3543	DTR		31175:42:002F	02-312/21:55:00	1ESd
1079	313 10:00:57	31			SC32AJ	(11) PLS CONFIG CMD	FDS		31175:43:009F	02-312/21:55:48	1ECf
1080	313 10:00:58	31				END PWSREC.31			31175:43:018F	02-312/21:55:48	1T
1081	313 12:00:00	31				VGR-31 OWLT IS 12H 05M 09S					1L
1082	313 12:06:34	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		31178:20:002F	02-313/00:01:24	1ECd
1083	313 12:06:34	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3550	DTR		31178:20:002F	02-313/00:01:24	1ESd
1084	313 13:57:44	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		31180:38:773F	02-313/01:52:34	1ECd

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1085	313 13:57:44	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1148	DTR		31180:38:773F	02-313/01:52:34	1ESd
1086	313 15:06:35	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		31182:05:002F	02-313/03:01:24	1ECd
1087	313 15:06:35	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1148	DTR		31182:05:002F	02-313/03:01:24	1ESd
1088	313 15:48:58	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1089	313 16:50:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9222 (D/L ONLY)					1DP
1090	313 16:50:00	31				CFG CODES					1DP
1091	313 19:05:48	31				B- UVSLEW			31187:04:001F	02-313/07:00:35	1TB
1092	313 19:05:48	31				SLEW TO HELIO-5A			31187:04:001F	02-313/07:00:35	1T
1093	313 19:05:48	31				B- PLATPOA			31187:04:001F	02-313/07:00:35	1TB
1094	313 19:05:48	31			AC7SPK	(1 12 2 105 171) EL SLEW R=LOW	AACS		31187:04:003F	02-313/07:00:36	1ECa
1095	313 19:07:24	31				B- SLEND			31187:06:001F	02-313/07:02:11	1TB
1096	313 19:07:24	31			SLEWEND	AZ=299.956 EL=122.529 CO=125.408			31187:06:001F	02-313/07:02:11	1T
1097	313 19:25:09	31	60 SET			14.5 DEGREE SET DSC-60					1V
1098	313 23:14:15	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1099	314 00:00:00	31				VGR-31 OWLT IS 12H 05M 13S					1L
1100	314 02:20:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9222					1DP
1101	314 03:14:03	31	10 SET			10.2 DEGREE SET DSC-10					1V
1102	314 08:12:35	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1103	314 08:19:46	31	40 SET			10.2 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1104	314 12:00:00	31				VGR-31 OWLT IS 12H 05M 17S					1L
1105	314 13:35:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9222 (D/L ONLY)					1DP
1106	314 13:35:00	31				CFG CODES					1DP
1107	314 14:25:06	31			AC7SSB	(4 +154) SS BIAS CONTROL --- YAW	AACS		31211:13:003F	02-314/02:19:48	1ECa
1108	314 15:45:05	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1109	314 19:00:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9222					1DP
1110	314 19:05:56	31				B- UVSLEW			31217:04:001F	02-314/07:00:35	1TB
1111	314 19:05:56	31				SLEW TO HELIO-4A			31217:04:001F	02-314/07:00:35	1T
1112	314 19:05:56	31				B- PLATPOA			31217:04:001F	02-314/07:00:35	1TB
1113	314 19:05:56	31			AC7SPK	(1 12 2 114 083) EL SLEW R=LOW	AACS		31217:04:003F	02-314/07:00:36	1ECa
1114	314 19:08:33	31				B- SLEND			31217:07:218F	02-314/07:03:12	1TB
1115	314 19:08:33	31			SLEWEND	AZ=299.956 EL=110.062 CO=112.945			31217:07:218F	02-314/07:03:12	1T
1116	314 19:21:17	31	60 SET			14.5 DEGREE SET DSC-60					1V
1117	314 23:10:21	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1118	314 23:15:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9223 (D/L ONLY)					1DP
1119	314 23:15:00	31				CFG CODES					1DP
1120	315 00:00:00	31				VGR-31 OWLT IS 12H 05M 21S					1L
1121	315 02:25:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9223					1DP
1122	315 02:55:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-9223 (D/L ONLY)					1DP
1123	315 02:55:00	31				CFG CODES					1DP
1124	315 03:10:09	31	10 SET			10.2 DEGREE SET DSC-10					1V
1125	315 06:45:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-9223					1DP

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1126	315 08:08:42	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1127	315 08:15:54	31	40 SET			10.2 DEGREE SET DSC-40					1V
1128	315 12:00:00	31				VGR-31 OWLT IS 12H 05M 25S					1L
1129	315 13:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9223 (D/L ONLY)					1DP
1130	315 13:30:00	31				CFG CODES					1DP
1131	315 15:35:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9223 (D/L ONLY)					1DP
1132	315 15:35:00	31				CFG CODES					1DP
1133	315 15:41:13	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1134	315 15:55:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9223					1DP
1135	315 19:06:03	31				B- UVSLEW			31247:04:001F	02-315/07:00:35	1TB
1136	315 19:06:03	31				SLEW TO HELIO-3A			31247:04:001F	02-315/07:00:35	1T
1137	315 19:06:03	31				B- PLATPOA			31247:04:001F	02-315/07:00:35	1TB
1138	315 19:06:03	31			AC7SPK	(1 12 2 120 137) EL SLEW R=LOW	AACS		31247:04:003F	02-315/07:00:36	1ECa
1139	315 19:07:58	31				B- SLEND			31247:06:318F	02-315/07:02:30	1TB
1140	315 19:07:58	31			SLEWEND	AZ=299.956 EL=101.042 CO=103.961			31247:06:318F	02-315/07:02:30	1T
1141	315 19:17:25	31	60 SET			14.5 DEGREE SET DSC-60					1V
1142	315 19:55:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9223					1DP
1143	315 22:10:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9224 (D/L ONLY)					1DP
1144	315 22:10:00	31				CFG CODES					1DP
1145	315 23:06:27	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1146	316 00:00:00	31				VGR-31 OWLT IS 12H 05M 29S					1L
1147	316 02:00:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-9224 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1148	316 02:00:00	31				CFG CODES					1DP
1149	316 02:20:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9224					1DP
1150	316 03:06:16	31	10 SET			10.2 DEGREE SET DSC-10					1V
1151	316 07:15:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-9224					1DP
1152	316 08:04:50	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1153	316 08:12:01	31	40 SET			10.2 DEGREE SET DSC-40					1V
1154	316 12:00:00	31				VGR-31 OWLT IS 12H 05M 33S					1L
1155	316 15:37:20	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1156	316 15:50:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9224 (U/L PASS)					1DP
1157	316 19:06:11	31				B- UVSLEW			31277:04:001F	02-316/07:00:35	1TB
1158	316 19:06:11	31				SLEW TO HELIO-2A			31277:04:001F	02-316/07:00:35	1T
1159	316 19:06:11	31				B- PLATPOA			31277:04:001F	02-316/07:00:35	1TB
1160	316 19:06:11	31			AC7SPK	(1 12 1 128 128) EL SLEW R=LOW	AACS		31277:04:003F	02-316/07:00:36	1ECa
1161	316 19:08:30	31				B- SLEND			31277:06:718F	02-316/07:02:54	1TB
1162	316 19:08:30	31			SLEWEND	AZ=299.956 EL=90.056 CO=93.023			31277:06:718F	02-316/07:02:54	1T
1163	316 19:13:33	31	60 SET			14.5 DEGREE SET DSC-60					1V
1164	316 19:30:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9225 (D/L ONLY)					1DP
1165	316 19:30:00	31				CFG CODES					1DP
1166	316 19:50:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9224					1DP
1167	316 21:47:48	31			AC7SSB	(3 +014) SS BIAS CONTROL - PITCH	AACS		31280:26:003F	02-316/09:42:12	1ECa
1168	316 23:02:34	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1169	317 00:00:00	31				VGR-31 OWLT IS 12H 05M 36S					1L

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1170	317 02:20:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9225					1DP
1171	317 03:02:22	31	10 SET			10.2 DEGREE SET DSC-10					1V
1172	317 03:30:49	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1173	317 03:30:49	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1174	317 03:31:37	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1175	317 03:31:37	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1176	317 03:34:13	31				BEGIN PWSREC.31			31287:39:001F	02-316/15:28:35	1T
1177	317 03:34:13	31			SC32AJ	(10) PLS CONFIG CMD	FDS		31287:39:010F	02-316/15:28:36	1ECf
1178	317 03:35:01	31				B- DRGS4B			31287:40:001F	02-316/15:29:23	1TB
1179	317 03:35:01	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		31287:40:009F	02-316/15:29:24	1ECf
1180	317 03:35:45	31				BEGIN RECORDING PWS DATA			31287:40:734F	02-316/15:30:07	1T
1181	317 03:35:45	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		31287:40:735F	02-316/15:30:08	1ECd
1182	317 03:35:45	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:1148	DTR		31287:40:735F	02-316/15:30:08	1ESd

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1183	317 03:35:49	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	31287:41:001F	02-316/15:30:11	1ESf
1184	317 03:35:49	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		31287:41:002F	02-316/15:30:11	1ECs
1185	317 03:35:50	31				B- DRCRUS			31287:41:018F	02-316/15:30:12	1TB
1186	317 03:35:50	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		31287:41:026F	02-316/15:30:13	1ECf
1187	317 03:36:37	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	31287:42:001F	02-316/15:30:59	1ESf
1188	317 03:36:37	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		31287:42:002F	02-316/15:30:59	1ECs
1189	317 03:36:37	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		31287:42:002F	02-316/15:31:00	1ECd
1190	317 03:36:37	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1441	DTR		31287:42:002F	02-316/15:31:00	1ESd
1191	317 03:37:25	31			SC32AJ	(11) PLS CONFIG CMD	FDS		31287:43:009F	02-316/15:31:48	1ECf
1192	317 03:37:26	31				END PWSREC.31			31287:43:018F	02-316/15:31:48	1T
1193	317 08:00:57	31	60RISE			10.2 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1194	317 08:08:09	31	40 SET			10.2 DEGREE SET DSC-40					1V
1195	317 12:00:00	31				VGR-31 OWLT IS 12H 05M 40S					1L
1196	317 15:25:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9225 (D/L ONLY)					1DP
1197	317 15:25:00	31				CFG CODES					1DP
1198	317 15:33:28	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1199	317 18:30:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9226 (D/L ONLY)					1DP
1200	317 18:30:00	31				CFG CODES					1DP
1201	317 18:50:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9225					1DP
1202	317 19:06:18	31				B- UVSLEW			31307:04:001F	02-317/07:00:35	1TB
1203	317 19:06:18	31				SLEW TO HELIO-1A			31307:04:001F	02-317/07:00:35	1T
1204	317 19:06:18	31				B- PLATPOA			31307:04:001F	02-317/07:00:35	1TB
1205	317 19:06:18	31			AC7SPK	(1 12 1 135 217) EL SLEW R=LOW	AACS		31307:04:003F	02-317/07:00:36	1ECa
1206	317 19:08:25	31				B- SLEND			31307:06:518F	02-317/07:02:42	1TB
1207	317 19:08:25	31			SLEWEND	AZ=299.956 EL=80.031 CO=83.074			31307:06:518F	02-317/07:02:42	1T
1208	317 19:09:41	31	60 SET			14.5 DEGREE SET DSC-60					1V
1209	317 19:38:54	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1210	317 19:38:54	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1211	317 19:39:06	31				BEGIN PMPCALLR			31307:45:001F	02-317/07:33:23	1T
1212	317 19:39:06	31				INITIATE PMPCAL CYCLIC			31307:45:001F	02-317/07:33:23	1T
1213	317 19:39:06	31				PMPCAL LOOPS=27D22H24M 13 TIMES			31307:45:001F	02-317/07:33:23	1T

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1227	317 23:11:07	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		31312:10:010F	02-317/11:05:24	1ECf
1228	317 23:11:55	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	31312:11:001F	02-317/11:06:11	1ESf
1229	317 23:11:55	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		31312:11:002F	02-317/11:06:11	1ECs
1230	317 23:11:56	31				END PMPCALLR			31312:11:018F	02-317/11:06:12	1T
1231	318 00:00:00	31				VGR-31 OWLT IS 12H 05M 44S					1L
1232	318 02:15:00	31	25 LOS	OPCH	ACE	LOS DSS-25 PASS-9226					1DP
1233	318 02:58:28	31	10 SET			10.2 DEGREE SET DSC-10					1V
1234	318 07:57:05	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1235	318 08:04:16	31	40 SET			10.2 DEGREE SET DSC-40					1V
1236	318 12:00:00	31				VGR-31 OWLT IS 12H 05M 47S					1L
1237	318 15:29:35	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1238	318 15:30:00	31	63 AOS	OPCH	ACE	AOS DSS-63 PASS-9226 (D/L ONLY)					1DP
1239	318 15:30:00	31				CFG CODES					1DP
1240	318 19:05:49	31	60 SET			14.5 DEGREE SET DSC-60					1V
1241	318 19:30:00	31	63 LOS	OPCH	ACE	LOS DSS-63 PASS-9226					1DP
1242	318 22:54:46	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1243	319 00:00:00	31				VGR-31 OWLT IS 12H 05M 51S					1L

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1244	319 00:10:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9227 (D/L ONLY)					1DP
1245	319 00:10:00	31				CFG CODES					1DP
1246	319 02:54:34	31	10 SET			10.2 DEGREE SET DSC-10					1V
1247	319 03:03:16	31			AC7SSB	(4 +155) SS BIAS CONTROL --- YAW	AACS		31347:00:003F	02-318/14:57:24	1ECa
1248	319 03:05:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9227					1DP
1249	319 07:53:12	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1250	319 08:00:24	31	40 SET			10.2 DEGREE SET DSC-40					1V
1251	319 12:00:00	31				VGR-31 OWLT IS 12H 05M 55S					1L
1252	319 13:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9227 (D/L ONLY)					1DP
1253	319 13:30:00	31				CFG CODES					1DP
1254	319 15:25:42	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1255	319 18:45:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9227					1DP
1256	319 19:01:57	31	60 SET			14.5 DEGREE SET DSC-60					1V
1257	319 19:10:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9228 (D/L ONLY)					1DP
1258	319 19:10:00	31				CFG CODES					1DP
1259	319 22:50:52	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1260	320 00:00:00	31				VGR-31 OWLT IS 12H 05M 58S					1L
1261	320 02:10:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9228					1DP
1262	320 02:50:41	31	10 SET			10.2 DEGREE SET DSC-10					1V
1263	320 06:33:48	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		31381:23:002F	02-319/18:27:48	1ECd

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1264	320 06:33:48	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1447	DTR		31381:23:002F	02-319/18:27:48	1ESd
1265	320 07:49:20	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1266	320 07:56:32	31	40 SET			10.2 DEGREE SET DSC-40					1V
1267	320 08:11:08	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		31383:24:520F	02-319/20:05:07	1ECd
1268	320 08:11:08	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3550	DTR		31383:24:520F	02-319/20:05:07	1ESd
1269	320 09:31:13	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1270	320 09:31:13	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1271	320 09:32:01	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1272	320 09:32:01	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1273	320 09:33:49	31			CC16C	(7028) DTR STATE SELECT: READY	DTR		31385:08:002F	02-319/21:27:48	1ECd
1274	320 09:33:49	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:3550	DTR		31385:08:002F	02-319/21:27:48	1ESd
1275	320 09:34:37	31				AHEL11 PWSREC 21			31385:09:001F	02-319/21:28:35	1T
1276	320 09:34:37	31				B- PWSREC.31			31385:09:001F	02-319/21:28:35	1TB

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1277	320 09:34:37	31				BEGIN PWSREC.31			31385:09:001F	02-319/21:28:35	1T
1278	320 09:34:37	31			SC32AJ	(10) PLS CONFIG CMD	FDS		31385:09:009F	02-319/21:28:36	1ECf
1279	320 09:35:25	31				B- DRGS4B			31385:10:001F	02-319/21:29:23	1TB
1280	320 09:35:25	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		31385:10:009F	02-319/21:29:24	1ECf
1281	320 09:36:09	31				BEGIN RECORDING PWS DATA			31385:10:734F	02-319/21:30:07	1T
1282	320 09:36:09	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		31385:10:735F	02-319/21:30:08	1ECd
1283	320 09:36:09	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:3550	DTR		31385:10:735F	02-319/21:30:08	1ESd
1284	320 09:36:13	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	31385:11:001F	02-319/21:30:11	1ESf
1285	320 09:36:13	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		31385:11:002F	02-319/21:30:12	1ECs
1286	320 09:36:14	31				B- DRCRUS			31385:11:018F	02-319/21:30:12	1TB
1287	320 09:36:14	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		31385:11:026F	02-319/21:30:13	1ECf

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1288	320 09:37:01	31		ACE OPCH			FDS	CR-5T	31385:12:001F	02-319/21:30:59	1ESf
						FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11					
1289	320 09:37:01	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		31385:12:002F	02-319/21:31:00	1ECs
1290	320 09:37:01	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		31385:12:002F	02-319/21:31:00	1ECd
1291	320 09:37:01	31					DTR		31385:12:002F	02-319/21:31:00	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:3257					
1292	320 09:37:49	31			SC32AJ	(11) PLS CONFIG CMD	FDS		31385:13:009F	02-319/21:31:48	1ECf
1293	320 09:37:50	31				END PWSREC.31			31385:13:018F	02-319/21:31:48	1T
1294	320 11:43:26	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		31387:50:002F	02-319/23:37:24	1ECd
1295	320 11:43:26	31					DTR		31387:50:002F	02-319/23:37:24	1ESd
						DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3251					
1296	320 12:00:00	31				VGR-31 OWLT IS 12H 06M 02S					1L
1297	320 13:06:54	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		31389:34:276F	02-320/01:00:52	1ECd
1298	320 13:06:54	31					DTR		31389:34:276F	02-320/01:00:52	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1447					
1299	320 13:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9228 (D/L ONLY)					1DP
1300	320 13:30:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1301	320 14:43:27	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		31391:35:002F	02-320/02:37:24	1ECd
1302	320 14:43:27	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1447	DTR	31391:35:002F	02-320/02:37:24	1ESd	
1303	320 15:21:50	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1304	320 18:40:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9228					1DP
1305	320 18:58:05	31	60 SET			14.5 DEGREE SET DSC-60					1V
1306	320 22:00:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9229 (D/L ONLY)					1DP
1307	320 22:00:00	31				CFG CODES					1DP
1308	320 22:46:58	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1309	321 00:00:00	31				VGR-31 OWLT IS 12H 06M 05S					1L
1310	321 02:00:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9229					1DP
1311	321 02:46:47	31	10 SET			10.2 DEGREE SET DSC-10					1V
1312	321 07:45:27	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1313	321 07:52:39	31	40 SET			10.2 DEGREE SET DSC-40					1V
1314	321 12:00:00	31				VGR-31 OWLT IS 12H 06M 09S					1L
1315	321 15:15:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9229 (D/L ONLY)					1DP
1316	321 15:15:00	31				CFG CODES					1DP
1317	321 15:17:57	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1318	321 18:35:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9229					1DP
1319	321 18:54:13	31	60 SET			14.4 DEGREE SET DSC-60					1V
1320	321 22:43:05	31	40RISE			10.2 DEGREE RISE DSC-40					1V

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1321	321 23:00:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9230 (D/L ONLY)					1DP
1322	321 23:00:00	31				CFG CODES					1DP
1323	322 00:00:00	31				VGR-31 OWLT IS 12H 06M 12S					1L
1324	322 02:00:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9230					1DP
1325	322 02:42:53	31	10 SET			10.2 DEGREE SET DSC-10					1V
1326	322 04:50:50	31			AC7SSB	(3 +013) SS BIAS CONTROL - PITCH	AACS		31439:14:003F	02-321/16:44:36	1ECa
1327	322 07:41:35	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1328	322 07:48:47	31	40 SET			10.2 DEGREE SET DSC-40					1V
1329	322 12:00:00	31				VGR-31 OWLT IS 12H 06M 16S					1L
1330	322 15:14:05	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1331	322 15:30:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9230 (U/L PASS)					1DP
1332	322 18:50:21	31	60 SET			14.4 DEGREE SET DSC-60					1V
1333	322 19:15:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9230					1DP
1334	322 21:40:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9231 (D/L ONLY)					1DP
1335	322 21:40:00	31				CFG CODES					1DP
1336	322 22:39:11	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1337	323 00:00:00	31				VGR-31 OWLT IS 12H 06M 19S					1L
1338	323 01:40:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9231					1DP
1339	323 02:39:00	31	10 SET			10.2 DEGREE SET DSC-10					1V
1340	323 07:37:42	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1341	323 07:44:54	31	40 SET			10.2 DEGREE SET DSC-40					1V
1342	323 12:00:00	31				VGR-31 OWLT IS 12H 06M 22S					1L

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1361	324 03:11:51	31				B- DRGS4B			31497:10:001F	02-323/15:05:23	1TB
1362	324 03:11:51	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		31497:10:009F	02-323/15:05:24	1ECf
1363	324 03:12:35	31				BEGIN RECORDING PWS DATA			31497:10:734F	02-323/15:06:07	1T
1364	324 03:12:35	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		31497:10:735F	02-323/15:06:08	1ECd
1365	324 03:12:35	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:1447	DTR		31497:10:735F	02-323/15:06:08	1ESd
1366	324 03:12:39	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	31497:11:001F	02-323/15:06:11	1ESf
1367	324 03:12:39	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		31497:11:002F	02-323/15:06:11	1ECs
1368	324 03:12:40	31				B- DRCRUS			31497:11:018F	02-323/15:06:12	1TB
1369	324 03:12:40	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		31497:11:026F	02-323/15:06:13	1ECf
1370	324 03:13:27	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	31497:12:001F	02-323/15:06:59	1ESf

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1371	324 03:13:27	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		31497:12:002F	02-323/15:06:59	1ECs
1372	324 03:13:27	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		31497:12:002F	02-323/15:07:00	1ECd
1373	324 03:13:27	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1740	DTR		31497:12:002F	02-323/15:07:00	1ESd
1374	324 03:14:15	31			SC32AJ	(11) PLS CONFIG CMD	FDS		31497:13:009F	02-323/15:07:48	1ECf
1375	324 03:14:16	31				END PWSREC.31			31497:13:018F	02-323/15:07:48	1T
1376	324 07:33:50	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1377	324 07:41:02	31	40 SET			10.2 DEGREE SET DSC-40					1V
1378	324 12:00:00	31				VGR-31 OWLT IS 12H 06M 29S					1L
1379	324 15:06:20	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1380	324 16:07:06	31				B- UVSLEW			31513:19:001F	02-324/04:00:35	1TB
1381	324 16:07:06	31				SLEW TO HELIO-1B			31513:19:001F	02-324/04:00:35	1T
1382	324 16:07:06	31				B- PLATPOB			31513:19:001F	02-324/04:00:35	1TB
1383	324 16:07:06	31			AC7SPK	(2 12 1 228 134) AZ SLEW R=LOW	AACS		31513:19:003F	02-324/04:00:36	1ECa
1384	324 16:07:06	31			AC7SPK	(1 12 1 131 042) EL SLEW R=LOW	AACS		31513:19:005F	02-324/04:00:36	1ECa
1385	324 16:10:24	31				B- SLEND			31513:23:101F	02-324/04:03:53	1TB
1386	324 16:10:24	31			SLEWEND	AZ=309.982 EL=85.008 CO=88.845			31513:23:101F	02-324/04:03:53	1T
1387	324 18:42:37	31	60 SET			14.4 DEGREE SET DSC-60					1V
1388	324 19:45:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9233 (D/L ONLY)					1DP
1389	324 19:45:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1390	324 22:31:24	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1391	325 00:00:00	31				VGR-31 OWLT IS 12H 06M 32S					1L
1392	325 01:35:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9233					1DP
1393	325 02:31:13	31	10 SET			10.2 DEGREE SET DSC-10					1V
1394	325 07:29:57	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1395	325 07:37:09	31	40 SET			10.2 DEGREE SET DSC-40					1V
1396	325 12:00:00	31				VGR-31 OWLT IS 12H 06M 36S					1L
1397	325 15:02:27	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1398	325 15:05:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9233 (D/L ONLY)					1DP
1399	325 15:05:00	31				CFG CODES					1DP
1400	325 16:07:13	31				B- UVSLEW			31543:19:001F	02-325/04:00:35	1TB
1401	325 16:07:13	31				SLEW TO HELIO-2B			31543:19:001F	02-325/04:00:35	1T
1402	325 16:07:13	31				B- PLATPOB			31543:19:001F	02-325/04:00:35	1TB
1403	325 16:07:13	31			AC7SPK	(1 12 2 124 085) EL SLEW R=LOW	AACS		31543:19:003F	02-325/04:00:36	1ECa
1404	325 16:07:13	31			AC7SPK	(2 12 2 232 178) AZ SLEW R=LOW	AACS		31543:19:005F	02-325/04:00:36	1ECa
1405	325 16:10:20	31				B- SLEND			31543:22:718F	02-325/04:03:42	1TB
1406	325 16:10:20	31			SLEWEND	AZ=314.972 EL=95.018 CO=99.196			31543:22:718F	02-325/04:03:42	1T
1407	325 18:20:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9233					1DP
1408	325 18:38:45	31	60 SET			14.4 DEGREE SET DSC-60					1V
1409	325 19:45:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9234 (D/L ONLY)					1DP
1410	325 19:45:00	31				CFG CODES					1DP
1411	325 22:27:30	31	40RISE			10.2 DEGREE RISE DSC-40					1V

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1412	326 00:00:00	31				VGR-31 OWLT IS 12H 06M 39S					1L
1413	326 01:30:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9234					1DP
1414	326 02:27:19	31	10 SET			10.2 DEGREE SET DSC-10					1V
1415	326 07:26:05	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1416	326 07:33:17	31	40 SET			10.2 DEGREE SET DSC-40					1V
1417	326 12:00:00	31				VGR-31 OWLT IS 12H 06M 42S					1L
1418	326 14:35:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9234 (D/L ONLY)					1DP
1419	326 14:35:00	31				CFG CODES					1DP
1420	326 14:58:34	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1421	326 16:07:19	31				B- UVSLEW			31573:19:001F	02-326/04:00:35	1TB
1422	326 16:07:19	31				SLEW TO HELIO-3B			31573:19:001F	02-326/04:00:35	1T
1423	326 16:07:19	31				B- PLATPOB			31573:19:001F	02-326/04:00:35	1TB
1424	326 16:07:19	31			AC7SPK	(1 12 1 117 129) EL SLEW R=LOW	AACS		31573:19:003F	02-326/04:00:36	1ECa
1425	326 16:07:19	31			AC7SPK	(2 12 2 235 091) AZ SLEW R=LOW	AACS		31573:19:005F	02-326/04:00:36	1ECa
1426	326 16:10:26	31				B- SLEND			31573:22:718F	02-326/04:03:42	1TB
1427	326 16:10:26	31			SLEWEND	AZ=319.986 EL=105.033 CO=109.539			31573:22:718F	02-326/04:03:42	1T
1428	326 18:15:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9234					1DP
1429	326 18:34:53	31	60 SET			14.4 DEGREE SET DSC-60					1V
1430	326 19:45:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9235 (D/L ONLY)					1DP
1431	326 19:45:00	31				CFG CODES					1DP
1432	326 22:23:36	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1433	327 00:00:00	31				VGR-31 OWLT IS 12H 06M 45S					1L

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1434	327 01:40:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9235					1DP
1435	327 02:23:26	31	10 SET			10.2 DEGREE SET DSC-10					1V
1436	327 06:10:35	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		31590:53:002F	02-326/18:03:48	1ECd
1437	327 06:10:35	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1746	DTR		31590:53:002F	02-326/18:03:48	1ESd
1438	327 07:20:13	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		31592:20:034F	02-326/19:13:25	1ECd
1439	327 07:20:13	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3251	DTR		31592:20:034F	02-326/19:13:25	1ESd
1440	327 07:22:12	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1441	327 07:29:24	31	40 SET			10.2 DEGREE SET DSC-40					1V
1442	327 09:08:00	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1443	327 09:08:00	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1444	327 09:08:48	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1445	327 09:08:48	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1446	327 09:10:36	31			CC16C	(7028) DTR STATE SELECT: READY	DTR		31594:38:002F	02-326/21:03:48	1ECd

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1447	327 09:10:36	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:3251	DTR		31594:38:002F	02-326/21:03:48	1ESd
1448	327 09:11:24	31				AHELII PWSREC 22			31594:39:001F	02-326/21:04:35	1T
1449	327 09:11:24	31				B- PWSREC.31			31594:39:001F	02-326/21:04:35	1TB
1450	327 09:11:24	31				BEGIN PWSREC.31			31594:39:001F	02-326/21:04:35	1T
1451	327 09:11:24	31			SC32AJ	(10) PLS CONFIG CMD	FDS		31594:39:009F	02-326/21:04:36	1ECf
1452	327 09:12:12	31				B- DRGS4B			31594:40:001F	02-326/21:05:23	1TB
1453	327 09:12:12	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		31594:40:009F	02-326/21:05:24	1ECf
1454	327 09:12:56	31				BEGIN RECORDING PWS DATA			31594:40:734F	02-326/21:06:07	1T
1455	327 09:12:56	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		31594:40:735F	02-326/21:06:08	1ECd
1456	327 09:12:56	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:3251	DTR		31594:40:735F	02-326/21:06:08	1ESd
1457	327 09:13:00	31		ACE	OPCH	FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	31594:41:001F	02-326/21:06:11	1ESf
1458	327 09:13:00	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		31594:41:002F	02-326/21:06:11	1ECs
1459	327 09:13:01	31				B- DRCRUS			31594:41:018F	02-326/21:06:12	1TB

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1460	327 09:13:01	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		31594:41:026F	02-326/21:06:13	1ECf
1461	327 09:13:48	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	31594:42:001F	02-326/21:06:59	1ESf
1462	327 09:13:48	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		31594:42:002F	02-326/21:06:59	1ECs
1463	327 09:13:48	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		31594:42:002F	02-326/21:07:00	1ECd
1464	327 09:13:48	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:2958	DTR		31594:42:002F	02-326/21:07:00	1ESd
1465	327 09:14:36	31			SC32AJ	(11) PLS CONFIG CMD	FDS		31594:43:009F	02-326/21:07:48	1ECf
1466	327 09:14:37	31				END PWSREC.31			31594:43:018F	02-326/21:07:48	1T
1467	327 11:20:12	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		31597:20:002F	02-326/23:13:24	1ECd
1468	327 11:20:12	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2952	DTR		31597:20:002F	02-326/23:13:24	1ESd
1469	327 11:53:48	31			AC7SSB	(3 +012) SS BIAS CONTROL - PITCH	AACS		31598:02:003F	02-326/23:47:00	1ECa
1470	327 12:00:00	31				VGR-31 OWLT IS 12H 06M 48S					1L
1471	327 12:15:59	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		31598:29:591F	02-327/00:09:11	1ECd

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1472	327 12:15:59	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1746	DTR		31598:29:591F	02-327/00:09:11	1ESd
1473	327 13:25:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9235 (D/L ONLY)					1DP
1474	327 13:25:00	31				CFG CODES					1DP
1475	327 14:20:13	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		31601:05:002F	02-327/02:13:24	1ECd
1476	327 14:20:13	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1746	DTR		31601:05:002F	02-327/02:13:24	1ESd
1477	327 14:54:42	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1478	327 16:07:25	31				B- UVSLEW			31603:19:001F	02-327/04:00:35	1TB
1479	327 16:07:25	31				SLEW TO HELIO-4B			31603:19:001F	02-327/04:00:35	1T
1480	327 16:07:25	31				B- PLATPOB			31603:19:001F	02-327/04:00:35	1TB
1481	327 16:07:25	31			AC7SPK	(1 12 1 110 041) EL SLEW R=LOW	AACS		31603:19:003F	02-327/04:00:36	1ECa
1482	327 16:07:25	31			AC7SPL	(2 12 1 255 222) AZ SLEW R=LOW	AACS		31603:19:005F	02-327/04:00:36	1ECa
1483	327 16:09:37	31				B- SLEND			31603:21:601F	02-327/04:02:47	1TB
1484	327 16:09:37	31			SLEWEND	AZ=319.958 EL=115.006 CO=119.533			31603:21:601F	02-327/04:02:47	1T
1485	327 18:10:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9235					1DP
1486	327 18:30:58	31	60 SET			14.4 DEGREE SET DSC-60					1V
1487	327 18:55:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9236 (D/L ONLY)					1DP
1488	327 18:55:00	31				CFG CODES					1DP
1489	327 22:19:43	31	40RISE			10.2 DEGREE RISE DSC-40					1V

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1490	328 00:00:00	31				VGR-31 OWLT IS 12H 06M 51S					1L
1491	328 01:35:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9236					1DP
1492	328 02:19:32	31	10 SET			10.2 DEGREE SET DSC-10					1V
1493	328 04:19:28	31			AC7SSB	(4 +157) SS BIAS CONTROL --- YAW	AACS		31618:34:003F	02-327/16:12:36	1ECa
1494	328 07:18:20	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1495	328 07:25:32	31	40 SET			10.2 DEGREE SET DSC-40					1V
1496	328 12:00:00	31				VGR-31 OWLT IS 12H 06M 54S					1L
1497	328 14:50:49	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1498	328 16:05:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9237 (D/L ONLY)					1DP
1499	328 16:05:00	31				CFG CODES					1DP
1500	328 16:07:31	31				B- UVSLEW			31633:19:001F	02-328/04:00:35	1TB
1501	328 16:07:31	31				SLEW TO HELIO-5B			31633:19:001F	02-328/04:00:35	1T
1502	328 16:07:31	31				B- PLATPOA			31633:19:001F	02-328/04:00:35	1TB
1503	328 16:07:31	31			AC7SPK	(1 12 2 103 083) EL SLEW R=LOW	AACS		31633:19:003F	02-328/04:00:36	1ECa
1504	328 16:09:39	31				B- SLEND			31633:21:518F	02-328/04:02:42	1TB
1505	328 16:09:39	31			SLEWEND	AZ=319.958 EL=125.014 CO=129.484			31633:21:518F	02-328/04:02:42	1T
1506	328 18:27:06	31	60 SET			14.4 DEGREE SET DSC-60					1V
1507	328 22:15:49	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1508	329 00:00:00	31				VGR-31 OWLT IS 12H 06M 57S					1L
1509	329 01:30:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9237					1DP
1510	329 02:15:39	31	10 SET			10.2 DEGREE SET DSC-10					1V
1511	329 07:14:27	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1512	329 07:21:39	31	40 SET			10.2 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1513	329 12:00:00	31				VGR-31 OWLT IS 12H 07M 01S					1L
1514	329 14:46:57	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1515	329 15:05:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9237 (U/L PASS)					1DP
1516	329 15:59:37	31				B- GYONAB.31			31663:09:001F	02-329/03:52:35	1TB
1517	329 15:59:37	31				BEGIN GYONAB31			31663:09:001F	02-329/03:52:35	1T
1518	329 15:59:37	31			AC7GYP	(000) DRIRU PATTERN CONTROL GYRO/AXIS=A/PITCH & YAW B/ROLL	AACS		31663:09:004F	02-329/03:52:36	1ECa
1519	329 15:59:37	31			CC7GCRP	GYRO C OFF	PWR		31663:09:004F	02-329/03:52:36	1ECp
1520	329 15:59:37	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS		31663:09:004F	02-329/03:52:36	1ESa
1521	329 15:59:37	31			CC7GCRP	GYRO C OFF	PWR		31663:09:006F	02-329/03:52:36	1ECp
1522	329 15:59:37	31			CC7PC	(372) GYRO C OFF	AACS		31663:09:008F	02-329/03:52:36	1ECa
1523	329 15:59:37	31			CC7GBP	GYRO B ON	PWR		31663:09:009F	02-329/03:52:36	1ECp
1524	329 15:59:37	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		31663:09:009F	02-329/03:52:36	1ESa
1525	329 15:59:38	31			CC7GBP	GYRO B ON	PWR		31663:09:011F	02-329/03:52:36	1ECp
1526	329 15:59:38	31			CC7PC	(363) GYRO B ON	AACS		31663:09:013F	02-329/03:52:36	1ECa
1527	329 15:59:38	31			CC7GAP	GYRO A ON	PWR		31663:09:014F	02-329/03:52:36	1ECp

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1528	329 15:59:38	31				AACS STATUS MODE : CRU GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		31663:09:014F	02-329/03:52:36	1ESa
1529	329 15:59:38	31			CC7GAP	GYRO A ON	PWR		31663:09:016F	02-329/03:52:36	1ECp
1530	329 15:59:38	31			CC7PC	(353) GYRO A ON	AACS		31663:09:018F	02-329/03:52:36	1ECa
1531	329 16:00:06	31				DRIRU INITIALIZATION			31663:09:484F	02-329/03:53:04	1T
1532	329 16:00:07	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		31663:09:502F	02-329/03:53:06	1ECa
1533	329 16:00:36	31				SET CALIB			31663:10:184F	02-329/03:53:34	1T
1534	329 16:00:37	31			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		31663:10:204F	02-329/03:53:36	1ECa
1535	329 16:09:37	31				START GYRO FAULT TEST			31663:21:384F	02-329/04:02:34	1T
1536	329 16:09:38	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		31663:21:402F	02-329/04:02:36	1ECa
1537	329 16:09:39	31				END GYONAB31			31663:21:418F	02-329/04:02:36	1T
1538	329 17:07:38	31				B- UVSLEW			31664:34:001F	02-329/05:00:35	1TB
1539	329 17:07:38	31				SLEW TO HELIO-6B			31664:34:001F	02-329/05:00:35	1T
1540	329 17:07:38	31				B- PLATPOA			31664:34:001F	02-329/05:00:35	1TB
1541	329 17:07:38	31			AC7SPK	(1 12 1 097 163) EL SLEW R=LOW	AACS		31664:34:003F	02-329/05:00:36	1ECa
1542	329 17:09:32	31				B- SLEND			31664:36:301F	02-329/05:02:29	1TB
1543	329 17:09:32	31			SLEWEND	AZ=319.958 EL=133.985 CO=138.425			31664:36:301F	02-329/05:02:29	1T
1544	329 18:23:14	31	60 SET			14.4 DEGREE SET DSC-60					1V
1545	329 18:30:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9238 (D/L ONLY)					1DP
1546	329 18:30:00	31				CFG CODES					1DP
1547	329 18:50:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9237					1DP

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1548	329 22:11:56	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1549	330 00:00:00	31				VGR-31 OWLT IS 12H 07M 03S					1L
1550	330 01:15:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9238					1DP
1551	330 01:15:00	31	34 AOS	OPCH ACE		AOS DSS-34 PASS-9238 (D/L ONLY)					1DP
1552	330 01:15:00	31				CFG CODES					1DP
1553	330 02:11:46	31	10 SET			10.2 DEGREE SET DSC-10					1V
1554	330 03:20:00	31	34 LOS	OPCH ACE		LOS DSS-34 PASS-9238					1DP
1555	330 07:10:35	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1556	330 07:17:47	31	40 SET			10.2 DEGREE SET DSC-40					1V
1557	330 12:00:00	31				VGR-31 OWLT IS 12H 07M 06S					1L
1558	330 13:25:00	31	54 AOS	OPCH ACE		AOS DSS-54 PASS-9238 (D/L ONLY)					1DP
1559	330 13:25:00	31				CFG CODES					1DP
1560	330 14:43:04	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1561	330 15:30:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9239 (D/L ONLY)					1DP
1562	330 15:30:00	31				CFG CODES					1DP
1563	330 15:50:00	31	54 LOS	OPCH ACE		LOS DSS-54 PASS-9238					1DP
1564	330 16:07:43	31				B- UVSLEW			31693:19:001F	02-330/04:00:35	1TB
1565	330 16:07:43	31				SLEW TO HELIO-7B			31693:19:001F	02-330/04:00:35	1T
1566	330 16:07:43	31				B- PLATPOA			31693:19:001F	02-330/04:00:35	1TB
1567	330 16:07:43	31			AC7SPK	(1 12 2 088 101) EL SLEW R=LOW	AACS		31693:19:003F	02-330/04:00:36	1ECa
1568	330 16:10:26	31				B- SLEND			31693:22:318F	02-330/04:03:18	1TB
1569	330 16:10:26	31			SLEWEND	AZ=319.958 EL=146.980 CO=151.325			31693:22:318F	02-330/04:03:18	1T

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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	330 18:19:22	31	60 SET			14.4 DEGREE SET DSC-60					1V
1571	330 22:08:03	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1572	331 00:00:00	31				VGR-31 OWLT IS 12H 07M 09S					1L
1573	331 01:25:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9239					1DP
1574	331 02:07:52	31	10 SET			10.2 DEGREE SET DSC-10					1V
1575	331 02:44:22	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1576	331 02:44:22	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1577	331 02:45:10	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1578	331 02:45:10	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1579	331 02:47:46	31				BEGIN PWSREC.31			31706:39:001F	02-330/14:40:35	1T
1580	331 02:47:46	31			SC32AJ	(10) PLS CONFIG CMD	FDS		31706:39:010F	02-330/14:40:36	1ECf
1581	331 02:48:34	31				B- DRGS4B			31706:40:001F	02-330/14:41:23	1TB
1582	331 02:48:34	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		31706:40:009F	02-330/14:41:24	1ECf
1583	331 02:49:18	31				BEGIN RECORDING PWS DATA			31706:40:734F	02-330/14:42:07	1T
1584	331 02:49:18	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		31706:40:735F	02-330/14:42:08	1ECd

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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	331 02:49:18	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:1746	DTR		31706:40:735F	02-330/14:42:08	1ESd
1586	331 02:49:22	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	31706:41:001F	02-330/14:42:11	1ESf
1587	331 02:49:22	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		31706:41:002F	02-330/14:42:12	1ECs
1588	331 02:49:23	31				B- DRCRUS			31706:41:018F	02-330/14:42:12	1TB
1589	331 02:49:23	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		31706:41:026F	02-330/14:42:13	1ECf
1590	331 02:50:10	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	31706:42:001F	02-330/14:42:59	1ESf
1591	331 02:50:10	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		31706:42:002F	02-330/14:42:59	1ECs
1592	331 02:50:10	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		31706:42:002F	02-330/14:43:00	1ECd
1593	331 02:50:10	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2039	DTR		31706:42:002F	02-330/14:43:00	1ESd

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1594	331 02:50:58	31			SC32AJ	(11) PLS CONFIG CMD	FDS		31706:43:009F	02-330/14:43:48	1ECf
1595	331 02:50:59	31				END PWSREC.31			31706:43:018F	02-330/14:43:48	1T
1596	331 07:06:42	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1597	331 07:13:54	31	40 SET			10.2 DEGREE SET DSC-40					1V
1598	331 12:00:00	31				VGR-31 OWLT IS 12H 07M 12S					1L
1599	331 13:25:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9239 (D/L ONLY)					1DP
1600	331 13:25:00	31				CFG CODES					1DP
1601	331 14:39:11	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1602	331 16:07:49	31				B- UVSLEW			31723:19:001F	02-331/04:00:35	1TB
1603	331 16:07:49	31				SLEW TO HELIO-8B			31723:19:001F	02-331/04:00:35	1T
1604	331 16:07:49	31				B- PLATPOA			31723:19:001F	02-331/04:00:35	1TB
1605	331 16:07:49	31			AC7SPK	(1 12 2 082 047) EL SLEW R=LOW	AACS		31723:19:003F	02-331/04:00:36	1ECa
1606	331 16:09:44	31				B- SLEND			31723:21:318F	02-331/04:02:30	1TB
1607	331 16:09:44	31			SLEWEND	AZ=319.958 EL=156.010 CO=160.214			31723:21:318F	02-331/04:02:30	1T
1608	331 17:55:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9239					1DP
1609	331 18:15:30	31	60 SET			14.4 DEGREE SET DSC-60					1V
1610	331 19:15:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9240 (D/L ONLY)					1DP
1611	331 19:15:00	31				CFG CODES					1DP
1612	331 22:04:09	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1613	332 00:00:00	31				VGR-31 OWLT IS 12H 07M 15S					1L
1614	332 01:50:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9240					1DP
1615	332 02:03:59	31	10 SET			10.2 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1616	332 07:02:50	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1617	332 07:10:02	31	40 SET			10.2 DEGREE SET DSC-40					1V
1618	332 12:00:00	31				VGR-31 OWLT IS 12H 07M 18S					1L
1619	332 14:35:19	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1620	332 14:50:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9240 (D/L ONLY)					1DP
1621	332 14:50:00	31				CFG CODES					1DP
1622	332 16:07:55	31				B- UVSLEW			31753:19:001F	02-332/04:00:35	1TB
1623	332 16:07:55	31				SLEW TO HELIO-9B			31753:19:001F	02-332/04:00:35	1T
1624	332 16:07:55	31				B- PLATPOA			31753:19:001F	02-332/04:00:35	1TB
1625	332 16:07:55	31			AC7SPK	(1 12 1 075 126) EL SLEW R=LOW	AACS		31753:19:003F	02-332/04:00:36	1ECa
1626	332 16:09:50	31				B- SLEND			31753:21:318F	02-332/04:02:30	1TB
1627	332 16:09:50	31			SLEWEND	AZ=319.958 EL=165.013 CO=168.877			31753:21:318F	02-332/04:02:30	1T
1628	332 16:57:31	31			AC7SSB	(4 +158) SS BIAS CONTROL --- YAW	AACS		31754:21:003F	02-332/04:50:12	1ECa
1629	332 17:40:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9241 (D/L ONLY)					1DP
1630	332 17:40:00	31				CFG CODES					1DP
1631	332 17:50:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9240					1DP
1632	332 18:11:38	31	60 SET			14.4 DEGREE SET DSC-60					1V
1633	332 18:56:44	31			AC7SSB	(3 +011) SS BIAS CONTROL - PITCH	AACS		31756:50:003F	02-332/06:49:24	1ECa
1634	332 22:00:16	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1635	332 22:35:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9241 (D/L ONLY)					1DP
1636	332 22:35:00	31				CFG CODES					1DP
1637	332 22:55:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9241					1DP

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1638	333 00:00:00	31				VGR-31 OWLT IS 12H 07M 21S					1L
1639	333 02:00:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9241					1DP
1640	333 02:00:06	31	10 SET			10.2 DEGREE SET DSC-10					1V
1641	333 06:58:57	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1642	333 07:06:09	31	40 SET			10.2 DEGREE SET DSC-40					1V
1643	333 12:00:00	31				VGR-31 OWLT IS 12H 07M 23S					1L
1644	333 13:20:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9241 (D/L ONLY)					1DP
1645	333 13:20:00	31				CFG CODES					1DP
1646	333 14:31:26	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1647	333 16:08:00	31				B- UVSLEW			31783:19:001F	02-333/04:00:35	1TB
1648	333 16:08:00	31				SLEW TO HELIO-10B			31783:19:001F	02-333/04:00:35	1T
1649	333 16:08:00	31				B- PLATPOA			31783:19:001F	02-333/04:00:35	1TB
1650	333 16:08:00	31			AC7SPK	(1 12 1 068 036) EL SLEW R=LOW	AACS		31783:19:003F	02-333/04:00:36	1ECa
1651	333 16:10:07	31				B- SLEND			31783:21:518F	02-333/04:02:42	1TB
1652	333 16:10:07	31			SLEWEND	AZ=319.958 EL=175.037 CO=176.026			31783:21:518F	02-333/04:02:42	1T
1653	333 17:00:01	31				B- MISCMD			31784:24:001F	02-333/04:52:35	1TB
1654	333 17:00:01	31				MISCMD - GYRO INIT			31784:24:001F	02-333/04:52:35	1T
1655	333 17:00:01	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		31784:24:002F	02-333/04:52:36	1ECa
1656	333 17:45:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9241					1DP
1657	333 18:07:46	31	60 SET			14.4 DEGREE SET DSC-60					1V
1658	333 21:56:23	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1659	333 22:00:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9242 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1660	333 22:00:00	31				CFG CODES					1DP
1661	334 00:00:00	31				VGR-31 OWLT IS 12H 07M 26S					1L
1662	334 01:56:12	31	10 SET			10.2 DEGREE SET DSC-10					1V
1663	334 02:00:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9242					1DP
1664	334 05:47:16	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		31800:23:002F	02-333/17:39:48	1ECd
1665	334 05:47:16	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:2045	DTR		31800:23:002F	02-333/17:39:48	1ESd
1666	334 06:29:13	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		31801:15:349F	02-333/18:21:44	1ECd
1667	334 06:29:13	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2952	DTR		31801:15:349F	02-333/18:21:44	1ESd
1668	334 06:55:05	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1669	334 07:02:16	31	40 SET			10.2 DEGREE SET DSC-40					1V
1670	334 08:44:40	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1671	334 08:44:40	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1672	334 08:45:28	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1673	334 08:45:28	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1674	334 08:47:16	31			CC16C	(7028) DTR STATE SELECT: READY	DTR		31804:08:002F	02-333/20:39:48	1ECd

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1675	334 08:47:16	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:2952	DTR		31804:08:002F	02-333/20:39:48	1ESd
1676	334 08:48:04	31				AHEL11 PWSREC 23			31804:09:001F	02-333/20:40:35	1T
1677	334 08:48:04	31				B- PWSREC.31			31804:09:001F	02-333/20:40:35	1TB
1678	334 08:48:04	31				BEGIN PWSREC.31			31804:09:001F	02-333/20:40:35	1T
1679	334 08:48:04	31			SC32AJ	(10) PLS CONFIG CMD	FDS		31804:09:009F	02-333/20:40:36	1ECf
1680	334 08:48:52	31				B- DRGS4B			31804:10:001F	02-333/20:41:23	1TB
1681	334 08:48:52	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		31804:10:009F	02-333/20:41:24	1ECf
1682	334 08:49:36	31				BEGIN RECORDING PWS DATA			31804:10:734F	02-333/20:42:07	1T
1683	334 08:49:36	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		31804:10:735F	02-333/20:42:08	1ECd
1684	334 08:49:36	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:2952	DTR		31804:10:735F	02-333/20:42:08	1ESd
1685	334 08:49:40	31		ACE	OPCH	FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	31804:11:001F	02-333/20:42:11	1ESf
1686	334 08:49:40	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		31804:11:002F	02-333/20:42:12	1ECs
1687	334 08:49:41	31				B- DRCRUS			31804:11:018F	02-333/20:42:12	1TB

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1688	334 08:49:41	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		31804:11:026F	02-333/20:42:13	1ECf
1689	334 08:50:28	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	31804:12:001F	02-333/20:42:59	1ESf
1690	334 08:50:28	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		31804:12:002F	02-333/20:43:00	1ECd
1691	334 08:50:28	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:2659	DTR		31804:12:002F	02-333/20:43:00	1ESd
1692	334 08:50:28	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		31804:12:002F	02-333/20:43:00	1ECs
1693	334 08:51:16	31			SC32AJ	(11) PLS CONFIG CMD	FDS		31804:13:009F	02-333/20:43:48	1ECf
1694	334 08:51:17	31				END PWSREC.31			31804:13:018F	02-333/20:43:48	1T
1695	334 10:56:53	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		31806:50:002F	02-333/22:49:24	1ECd
1696	334 10:56:53	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2653	DTR		31806:50:002F	02-333/22:49:24	1ESd
1697	334 11:25:00	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		31807:25:112F	02-333/23:17:30	1ECd
1698	334 11:25:00	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2045	DTR		31807:25:112F	02-333/23:17:30	1ESd
1699	334 12:00:00	31				VGR-31 OWLT IS 12H 07M 29S					1L

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1700	334 13:56:53	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		31810:35:002F	02-334/01:49:24	1ECd
1701	334 13:56:53	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2045	DTR	31810:35:002F	02-334/01:49:24	1ESd	
1702	334 14:27:33	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1703	334 14:35:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9242 (D/L ONLY)					1DP
1704	334 14:35:00	31				CFG CODES					1DP
1705	334 16:08:06	31				B- UVSLEW		31813:19:001F	02-334/04:00:35		1TB
1706	334 16:08:06	31				SLEW TO MIDPNT		31813:19:001F	02-334/04:00:35		1T
1707	334 16:08:06	31				B- PLATPOB		31813:19:001F	02-334/04:00:35		1TB
1708	334 16:08:06	31			AC7SPK	(1 12 2 093 082) EL SLEW R=LOW	AACS	31813:19:003F	02-334/04:00:36		1ECa
1709	334 16:08:06	31			AC7SPK	(2 12 1 165 129) AZ SLEW R=LOW	AACS	31813:19:005F	02-334/04:00:36		1ECa
1710	334 16:35:37	31				B- SLEND		31813:53:318F	02-334/04:28:06		1TB
1711	334 16:35:37	31			SLEWEND	AZ=219.982 EL=140.025 CO=135.180		31813:53:318F	02-334/04:28:06		1T
1712	334 18:03:54	31	60 SET			14.4 DEGREE SET DSC-60					1V
1713	334 18:35:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9242					1DP
1714	334 21:52:29	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1715	334 22:30:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9243 (D/L ONLY)					1DP
1716	334 22:30:00	31				CFG CODES					1DP
1717	335 00:00:00	31				VGR-31 OWLT IS 12H 07M 32S					1L
1718	335 01:45:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-9243 (D/L ONLY)					1DP
1719	335 01:45:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1720	335 01:52:19	31	10	SET		10.2 DEGREE SET DSC-10					1V
1721	335 02:00:00	31	14	LOS	OPCH ACE	LOS DSS-14 PASS-9243					1DP
1722	335 05:55:00	31	45	LOS	OPCH ACE	LOS DSS-45 PASS-9243					1DP
1723	335 06:51:12	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
1724	335 06:58:24	31	40	SET		10.2 DEGREE SET DSC-40					1V
1725	335 12:00:00	31				VGR-31 OWLT IS 12H 07M 34S					1L
1726	335 14:23:41	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
1727	335 14:50:00	31	63	AOS	OPCH ACE	AOS DSS-63 PASS-9243 (D/L ONLY)					1DP
1728	335 14:50:00	31				CFG CODES					1DP
1729	335 16:08:11	31				B- UVSLEW			31843:19:001F	02-335/04:00:35	1TB
1730	335 16:08:11	31				SLEW TO HELIO-11B			31843:19:001F	02-335/04:00:35	1T
1731	335 16:08:11	31				B- PLATPOB			31843:19:001F	02-335/04:00:35	1TB
1732	335 16:08:11	31			AC7SPK	(2 12 1 098 211) AZ SLEW R=LOW	AACS		31843:19:003F	02-335/04:00:36	1ECa
1733	335 16:08:11	31			AC7SPK	(1 12 2 068 132) EL SLEW R=LOW	AACS		31843:19:005F	02-335/04:00:36	1ECa
1734	335 16:34:48	31				B- SLEND			31843:52:218F	02-335/04:27:12	1TB
1735	335 16:34:48	31			SLEWEND	AZ=124.998 EL=176.039 CO=171.061			31843:52:218F	02-335/04:27:12	1T
1736	335 18:00:00	31	60	SET		14.4 DEGREE SET DSC-60					1V
1737	335 18:25:00	31	63	LOS	OPCH ACE	LOS DSS-63 PASS-9243					1DP
1738	335 19:45:00	31	25	AOS	OPCH ACE	AOS DSS-25 PASS-9244 (D/L ONLY)					1DP
1739	335 19:45:00	31				CFG CODES					1DP
1740	335 21:48:36	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
1741	336 00:00:00	31				VGR-31 OWLT IS 12H 07M 37S					1L

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1742	336 00:55:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9244					1DP
1743	336 01:48:26	31	10 SET			10.2 DEGREE SET DSC-10					1V
1744	336 06:47:19	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1745	336 06:54:31	31	40 SET			10.2 DEGREE SET DSC-40					1V
1746	336 12:00:00	31				VGR-31 OWLT IS 12H 07M 39S					1L
1747	336 14:19:48	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1748	336 14:45:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9244 (D/L ONLY)					1DP
1749	336 14:45:00	31				CFG CODES					1DP
1750	336 15:14:04	31	63	TRK DSS		ASCAL PREP ===== ANTENNA DRIVE TO PRECISION ONE (70 METER STATION ONLY) PRIME DATA SOURCE=X BAND AGC ===== TURN CONSCAN -----> OFF (IF ON)					1TD
1751	336 15:24:52	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
1752	336 15:24:52	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=30 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1753	336 15:29:04	31				B- ASCAL			31872:30:001F	02-336/03:21:23	1TB
1754	336 15:29:04	31				B- DREL40			31872:30:001F	02-336/03:21:23	1TB
1755	336 15:29:04	31			SC06BB	(32 0 07 0) FDS MODE TO: EL-40 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		31872:30:009F	02-336/03:21:24	1ECF

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1756	336 15:29:04	31	63	OPCH 63		START ASCAL =====					1TD
						DSS-63: MONITOR X-BD AGC VARIATIONS DURING ASCAL IF X-BD RCVR DROPS LOCK INITIATE AUTO ACQUIRE					
1757	336 15:29:52	31		ACE OPCH		FDS STATUS EL-40/X40/S40 MEM:PA/FDS11	FDS	CE-40	31872:31:001F	02-336/03:22:11	1ESF
1758	336 15:29:52	31			CC3A	(30310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=30 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		31872:31:002F	02-336/03:22:11	1ECs
1759	336 15:45:04	31				.05 ALL AXES DEADBAND			31872:50:001F	02-336/03:37:23	1T
1760	336 15:45:04	31			AC7DDB	(000480) CHG TO .05 DEG DEADBAND	AACS		31872:50:003F	02-336/03:37:24	1ECa
1761	336 16:01:04	31			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		31873:10:002F	02-336/03:53:24	1ECa
1762	336 16:01:04	31				AACS STATUS MODE : AAI GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		31873:10:002F	02-336/03:53:24	1ESa
1763	336 16:01:04	31			CC7GCRP	GYRO C OFF	PWR		31873:10:003F	02-336/03:53:24	1ECp
1764	336 16:01:04	31			CC7GCRP	GYRO C OFF	PWR		31873:10:005F	02-336/03:53:24	1ECp
1765	336 16:01:04	31			CC7PC	(372) GYRO C OFF	AACS		31873:10:007F	02-336/03:53:24	1ECa
1766	336 16:01:04	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		31873:10:007F	02-336/03:53:24	1ECp
1767	336 16:01:04	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		31873:10:010F	02-336/03:53:24	1ECp
1768	336 16:01:05	31			CC7PC	(312) DUMMY PWR CMD	AACS		31873:10:012F	02-336/03:53:24	1ECa

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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	336 16:01:51	31	63	OPCH 63		ASCAL =====					1TD
						START YAW DRIFT TURNS					
1770	336 16:01:52	31				START FIRST YAW DRIFT TURN			31873:11:001F	02-336/03:54:11	1T
1771	336 16:01:52	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		31873:11:003F	02-336/03:54:12	1ECa
1772	336 16:05:52	31			AC7PAR	(7015 764220) PARAMETER LOAD	AACS		31873:16:003F	02-336/03:58:12	1ECa
1773	336 16:13:52	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		31873:26:003F	02-336/04:06:12	1ECa
1774	336 16:17:52	31			AC7PAR	(7015 000000) PARAMETER LOAD	AACS		31873:31:003F	02-336/04:10:12	1ECa
1775	336 16:17:52	31	63	OPCH 63		ASCAL =====					1TD
						END YAW DRIFT TURNS					
1776	336 16:17:53	31				END THIRD YAW DRIFT TURN			31873:31:018F	02-336/04:10:12	1T
1777	336 16:18:39	31	63	OPCH 63		ASCAL =====					1TD
						START PITCH DRIFT TURNS					
1778	336 16:18:40	31				START FIRST PITCH DRIFT TURN			31873:32:001F	02-336/04:10:59	1T
1779	336 16:18:40	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		31873:32:003F	02-336/04:11:00	1ECa
1780	336 16:22:40	31			AC7PAR	(7014 764220) PARAMETER LOAD	AACS		31873:37:003F	02-336/04:15:00	1ECa
1781	336 16:30:40	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		31873:47:003F	02-336/04:23:00	1ECa
1782	336 16:34:40	31			AC7PAR	(7014 000000) PARAMETER LOAD	AACS		31873:52:003F	02-336/04:27:00	1ECa
1783	336 16:34:40	31	63	OPCH 63		ASCAL =====					1TD
						END PITCH DRIFT TURNS					

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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							
1784	336 16:34:41	31				END THIRD PITCH DRIFT TURN			31873:52:018F	02-336/04:27:00	1T							
1785	336 16:35:46	31				B- MISCMD			31873:53:301F	02-336/04:28:05	1TB							
1786	336 16:35:46	31				MISCMD - GYROS OFF			31873:53:301F	02-336/04:28:05	1T							
1787	336 16:35:46	31			AC7PAR	(7530 000000) PARAMETER LOAD	AACS		31873:53:304F	02-336/04:28:06	1ECa							
1788	336 16:36:16	31			CC7SS	(1) SS SEARCH ENABLE	AACS		31873:54:001F	02-336/04:28:35	1ECa							
1789	336 16:36:16	31				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">AACS STATUS</td> </tr> <tr> <td>MODE : RAI</td> <td>GYRO A: ON</td> </tr> <tr> <td>HYBIC: 1</td> <td>GYRO B: ON</td> </tr> <tr> <td>CST : ON</td> <td>GRYO C: OFF</td> </tr> </table>	AACS STATUS		MODE : RAI	GYRO A: ON	HYBIC: 1	GYRO B: ON	CST : ON	GRYO C: OFF	AACS	31873:54:001F	02-336/04:28:35	1ESa
AACS STATUS																		
MODE : RAI	GYRO A: ON																	
HYBIC: 1	GYRO B: ON																	
CST : ON	GRYO C: OFF																	
1790	336 16:36:16	31			CC7PC	(327) IDET ACQUIRED	AACS		31873:54:002F	02-336/04:28:36	1ECa							
1791	336 16:36:16	31			CC7GCRP	GYRO C OFF	PWR		31873:54:003F	02-336/04:28:36	1ECp							
1792	336 16:36:16	31			CC7GCRP	GYRO C OFF	PWR		31873:54:005F	02-336/04:28:36	1ECp							
1793	336 16:36:16	31			CC7PC	(372) GYRO C OFF	AACS		31873:54:007F	02-336/04:28:36	1ECa							
1794	336 16:36:16	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		31873:54:008F	02-336/04:28:36	1ECp							
1795	336 16:36:16	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		31873:54:010F	02-336/04:28:36	1ECp							
1796	336 16:36:17	31			CC7PC	(312) DUMMY PWR CMD	AACS		31873:54:012F	02-336/04:28:36	1ECa							
1797	336 16:36:52	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf							
1798	336 16:36:52	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC							
1799	336 16:37:52	31			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		31873:56:001F	02-336/04:30:11	1ECa							

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1800	336 16:38:57	31					AACS		31873:57:285F	02-336/04:31:16	1ESa
						AACS STATUS MODE : CRU GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF					
1801	336 16:38:57	31			CC7PC	(307) STAR ACQUIRED	AACS		31873:57:285F	02-336/04:31:16	1ECa
1802	336 16:38:57	31			CC7GCRP	GYRO C OFF	PWR		31873:57:286F	02-336/04:31:17	1ECp
1803	336 16:38:57	31			CC7GCRP	GYRO C OFF	PWR		31873:57:288F	02-336/04:31:17	1ECp
1804	336 16:38:57	31			CC7PC	(372) GYRO C OFF	AACS		31873:57:290F	02-336/04:31:17	1ECa
1805	336 16:38:57	31			CC7GBRP	GYRO B OFF	PWR		31873:57:290F	02-336/04:31:17	1ECp
1806	336 16:38:57	31					AACS		31873:57:290F	02-336/04:31:17	1ESa
						AACS STATUS MODE : CRU GYRO A: ON HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF					
1807	336 16:38:57	31			CC7GBRP	GYRO B OFF	PWR		31873:57:293F	02-336/04:31:17	1ECp
1808	336 16:38:58	31			CC7PC	(362) GYRO B OFF	AACS		31873:57:295F	02-336/04:31:17	1ECa
1809	336 16:38:58	31			CC7GARP	GYRO A OFF	PWR		31873:57:295F	02-336/04:31:17	1ECp
1810	336 16:38:58	31					AACS		31873:57:295F	02-336/04:31:17	1ESa
						AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF					
1811	336 16:38:58	31			CC7GARP	GYRO A OFF	PWR		31873:57:297F	02-336/04:31:17	1ECp
1812	336 16:38:58	31			CC7PC	(352) GYRO A OFF	AACS		31873:57:299F	02-336/04:31:17	1ECa
1813	336 16:38:58	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		31873:57:300F	02-336/04:31:17	1ECp
1814	336 16:38:58	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		31873:57:302F	02-336/04:31:18	1ECp
1815	336 16:38:58	31			CC7PC	(312) DUMMY PWR CMD	AACS		31873:57:304F	02-336/04:31:18	1ECa

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1816	336 16:41:04	31				B- DRCRUS			31874:00:001F	02-336/04:33:23	1TB
1817	336 16:41:04	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		31874:00:009F	02-336/04:33:24	1ECf
1818	336 16:41:52	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	31874:01:001F	02-336/04:34:11	1ESf
1819	336 16:41:52	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		31874:01:002F	02-336/04:34:11	1ECs
1820	336 16:47:28	31				B- YAWDB			31874:08:001F	02-336/04:39:47	1TB
1821	336 16:47:28	31				YAWDB - .10			31874:08:001F	02-336/04:39:47	1T
1822	336 16:47:28	31				B- ROLLDB			31874:08:001F	02-336/04:39:47	1TB
1823	336 16:47:28	31				ROLLDB - .25			31874:08:001F	02-336/04:39:47	1T
1824	336 16:47:28	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		31874:08:003F	02-336/04:39:48	1ECa
1825	336 16:47:28	31			AC7PAR	(6742 004540) +ROLL DB=.25 DEG	AACS		31874:08:005F	02-336/04:39:48	1ECa
1826	336 16:47:29	31	63	OPCH 63		END ASCAL					1TD
1827	336 17:08:17	31				B- UVSLEW			31874:34:001F	02-336/05:00:35	1TB
1828	336 17:08:17	31				SLEW TO HELIO-12B			31874:34:001F	02-336/05:00:35	1T
1829	336 17:08:17	31				B- PLATPOA			31874:34:001F	02-336/05:00:35	1TB
1830	336 17:08:17	31			AC7SPK	(1 12 1 075 107) EL SLEW R=LOW	AACS		31874:34:003F	02-336/05:00:36	1ECa
1831	336 17:10:35	31				B- SLEND			31874:36:701F	02-336/05:02:53	1TB
1832	336 17:10:35	31			SLEWEND	AZ=124.998 EL=165.557 CO=161.403			31874:36:701F	02-336/05:02:53	1T

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1833	336 17:56:08	31	60 SET			14.4 DEGREE SET DSC-60					1V
1834	336 18:10:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9245 (D/L ONLY)					1DP
1835	336 18:10:00	31				CFG CODES					1DP
1836	336 18:30:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9244					1DP
1837	336 21:44:43	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1838	337 00:00:00	31				VGR-31 OWLT IS 12H 07M 42S					1L
1839	337 01:00:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9245					1DP
1840	337 01:44:33	31	10 SET			10.2 DEGREE SET DSC-10					1V
1841	337 05:35:31	31			AC7SSB	(4 +159) SS BIAS CONTROL --- YAW	AACS		31890:08:003F	02-336/17:27:48	1ECa
1842	337 06:43:27	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1843	337 06:50:38	31	40 SET			10.2 DEGREE SET DSC-40					1V
1844	337 12:00:00	31				VGR-31 OWLT IS 12H 07M 45S					1L
1845	337 14:15:55	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1846	337 15:00:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9245 (U/L PASS)					1DP
1847	337 16:08:21	31				B- UVSLEW			31903:19:001F	02-337/04:00:35	1TB
1848	337 16:08:21	31				SLEW TO HELIO-13B			31903:19:001F	02-337/04:00:35	1T
1849	337 16:08:21	31				B- PLATPOA			31903:19:001F	02-337/04:00:35	1TB
1850	337 16:08:21	31			AC7SPK	(1 12 2 083 117) EL SLEW R=LOW	AACS		31903:19:003F	02-337/04:00:36	1ECa
1851	337 16:10:46	31				B- SLEND			31903:22:018F	02-337/04:03:00	1TB
1852	337 16:10:46	31			SLEWEND	AZ=124.998 EL=154.034 CO=150.210			31903:22:018F	02-337/04:03:00	1T
1853	337 17:52:16	31	60 SET			14.4 DEGREE SET DSC-60					1V
1854	337 17:55:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9246 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1855	337 17:55:00	31				CFG CODES					1DP
1856	337 18:15:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9245					1DP
1857	337 21:40:49	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1858	338 00:00:00	31				VGR-31 OWLT IS 12H 07M 47S					1L
1859	338 00:45:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9246					1DP
1860	338 01:40:40	31	10 SET			10.2 DEGREE SET DSC-10					1V
1861	338 01:59:35	31			AC7SSB	(3 +010) SS BIAS CONTROL - PITCH	AACS		31915:38:003F	02-337/13:51:48	1ECa
1862	338 02:20:59	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
1863	338 02:20:59	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1864	338 02:21:47	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
1865	338 02:21:47	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1866	338 02:24:23	31				BEGIN PWSREC.31			31916:09:001F	02-337/14:16:35	1T
1867	338 02:24:23	31			SC32AJ	(10) PLS CONFIG CMD	FDS		31916:09:009F	02-337/14:16:36	1ECf
1868	338 02:25:11	31				B- DRGS4B			31916:10:001F	02-337/14:17:23	1TB
1869	338 02:25:11	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		31916:10:009F	02-337/14:17:24	1ECf
1870	338 02:25:55	31				BEGIN RECORDING PWS DATA			31916:10:734F	02-337/14:18:07	1T
1871	338 02:25:55	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		31916:10:735F	02-337/14:18:08	1ECd

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1872	338 02:25:55	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:2045	DTR		31916:10:735F	02-337/14:18:08	1ESd
1873	338 02:25:59	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	31916:11:001F	02-337/14:18:11	1ESf
1874	338 02:25:59	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		31916:11:002F	02-337/14:18:11	1ECs
1875	338 02:26:00	31				B- DRCRUS			31916:11:018F	02-337/14:18:12	1TB
1876	338 02:26:00	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		31916:11:026F	02-337/14:18:13	1ECf
1877	338 02:26:47	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	31916:12:001F	02-337/14:18:59	1ESf
1878	338 02:26:47	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		31916:12:002F	02-337/14:18:59	1ECs
1879	338 02:26:47	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		31916:12:002F	02-337/14:19:00	1ECd
1880	338 02:26:47	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2338	DTR		31916:12:002F	02-337/14:19:00	1ESd

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1881	338 02:27:35	31			SC32AJ	(11) PLS CONFIG CMD	FDS		31916:13:009F	02-337/14:19:48	1ECf
1882	338 02:27:36	31				END PWSREC.31			31916:13:018F	02-337/14:19:48	1T
1883	338 06:39:34	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1884	338 06:46:46	31	40 SET			10.2 DEGREE SET DSC-40					1V
1885	338 12:00:00	31				VGR-31 OWLT IS 12H 07M 49S					1L
1886	338 14:12:03	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1887	338 15:30:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9246 (D/L ONLY)					1DP
1888	338 15:30:00	31				CFG CODES					1DP
1889	338 16:08:26	31				B- UVSLEW			31933:19:001F	02-338/04:00:35	1TB
1890	338 16:08:26	31				SLEW TO HELIO-14B			31933:19:001F	02-338/04:00:35	1T
1891	338 16:08:26	31				B- PLATPOA			31933:19:001F	02-338/04:00:35	1TB
1892	338 16:08:26	31			AC7SPK	(1 12 2 090 170) EL SLEW R=LOW	AACS		31933:19:003F	02-338/04:00:36	1ECa
1893	338 16:10:21	31				B- SLEND			31933:21:318F	02-338/04:02:30	1TB
1894	338 16:10:21	31			SLEWEND	AZ=124.998 EL=145.026 CO=141.285			31933:21:318F	02-338/04:02:30	1T
1895	338 17:48:24	31	60 SET			14.4 DEGREE SET DSC-60					1V
1896	338 17:55:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9247 (D/L ONLY)					1DP
1897	338 17:55:00	31				CFG CODES					1DP
1898	338 18:15:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9246					1DP
1899	338 21:36:56	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1900	339 00:00:00	31				VGR-31 OWLT IS 12H 07M 52S					1L
1901	339 00:45:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9247					1DP
1902	339 01:36:46	31	10 SET			10.2 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1903	339 06:35:41	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1904	339 06:42:53	31	40 SET			10.2 DEGREE SET DSC-40					1V
1905	339 12:00:00	31				VGR-31 OWLT IS 12H 07M 54S					1L
1906	339 14:08:10	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1907	339 14:40:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9247 (D/L ONLY)					1DP
1908	339 14:40:00	31				CFG CODES					1DP
1909	339 16:08:31	31				B- UVSLEW			31963:19:001F	02-339/04:00:35	1TB
1910	339 16:08:31	31				SLEW TO HELIO-15B			31963:19:001F	02-339/04:00:35	1T
1911	339 16:08:31	31				B- PLATPOA			31963:19:001F	02-339/04:00:35	1TB
1912	339 16:08:31	31			AC7SPK	(1 12 1 096 119) EL SLEW R=LOW	AACS		31963:19:003F	02-339/04:00:36	1ECa
1913	339 16:10:35	31				B- SLEND			31963:21:468F	02-339/04:02:39	1TB
1914	339 16:10:35	31			SLEWEND	AZ=124.998 EL=135.230 CO=131.569			31963:21:468F	02-339/04:02:39	1T
1915	339 17:44:32	31	60 SET			14.4 DEGREE SET DSC-60					1V
1916	339 17:50:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9248 (D/L ONLY)					1DP
1917	339 17:50:00	31				CFG CODES					1DP
1918	339 18:10:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9247					1DP
1919	339 21:33:03	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1920	339 22:20:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9248 (D/L ONLY)					1DP
1921	339 22:20:00	31				CFG CODES					1DP
1922	339 22:40:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9248					1DP
1923	340 00:00:00	31				VGR-31 OWLT IS 12H 07M 57S					1L
1924	340 01:32:53	31	10 SET			10.2 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1925	340 01:35:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9248					1DP
1926	340 06:31:49	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1927	340 06:39:00	31	40 SET			10.2 DEGREE SET DSC-40					1V
1928	340 12:00:00	31				VGR-31 OWLT IS 12H 07M 59S					1L
1929	340 14:04:17	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1930	340 14:40:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9248 (D/L ONLY)					1DP
1931	340 14:40:00	31				CFG CODES					1DP
1932	340 16:08:36	31				B- UVSLEW			31993:19:001F	02-340/04:00:35	1TB
1933	340 16:08:36	31				SLEW TO HELIO-16B			31993:19:001F	02-340/04:00:35	1T
1934	340 16:08:36	31				B- PLATPOA			31993:19:001F	02-340/04:00:35	1TB
1935	340 16:08:36	31			AC7SPK	(1 12 2 111 207) EL SLEW R=LOW	AACS		31993:19:003F	02-340/04:00:36	1ECa
1936	340 16:12:58	31				B- SLEND			31993:24:368F	02-340/04:04:57	1TB
1937	340 16:12:58	31			SLEWEND	AZ=124.998 EL=114.035 CO=110.461			31993:24:368F	02-340/04:04:57	1T
1938	340 17:40:37	31	60 SET			14.4 DEGREE SET DSC-60					1V
1939	340 18:15:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9248					1DP
1940	340 21:29:10	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1941	340 23:55:00	31	34 AOS	OPCH ACE		AOS DSS-34 PASS-9249 (D/L ONLY)					1DP
1942	340 23:55:00	31				CFG CODES					1DP
1943	341 00:00:00	31				VGR-31 OWLT IS 12H 08M 01S					1L
1944	341 01:29:00	31	10 SET			10.2 DEGREE SET DSC-10					1V
1945	341 04:10:00	31	34 LOS	OPCH ACE		LOS DSS-34 PASS-9249					1DP
1946	341 05:23:50	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		32009:53:002F	02-340/17:15:48	1ECd

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1947	341 05:23:50	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:2344	DTR		32009:53:002F	02-340/17:15:48	1ESd
1948	341 05:38:06	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		32010:10:664F	02-340/17:30:03	1ECd
1949	341 05:38:06	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2653	DTR		32010:10:664F	02-340/17:30:03	1ESd
1950	341 06:27:56	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1951	341 06:35:08	31	40 SET			10.2 DEGREE SET DSC-40					1V
1952	341 08:21:15	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1953	341 08:21:15	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1954	341 08:22:03	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1955	341 08:22:03	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1956	341 08:23:51	31			CC16C	(7028) DTR STATE SELECT: READY	DTR		32013:38:002F	02-340/20:15:48	1ECd
1957	341 08:23:51	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:2653	DTR		32013:38:002F	02-340/20:15:48	1ESd
1958	341 08:24:39	31				AHEL11 PWSREC 24			32013:39:001F	02-340/20:16:35	1T
1959	341 08:24:39	31				B- PWSREC.31			32013:39:001F	02-340/20:16:35	1TB

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1960	341 08:24:39	31				BEGIN PWSREC.31			32013:39:001F	02-340/20:16:35	1T
1961	341 08:24:39	31			SC32AJ	(10) PLS CONFIG CMD	FDS		32013:39:009F	02-340/20:16:36	1ECf
1962	341 08:25:27	31				B- DRGS4B			32013:40:001F	02-340/20:17:23	1TB
1963	341 08:25:27	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		32013:40:009F	02-340/20:17:24	1ECf
1964	341 08:26:11	31				BEGIN RECORDING PWS DATA			32013:40:734F	02-340/20:18:07	1T
1965	341 08:26:11	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		32013:40:735F	02-340/20:18:08	1ECd
1966	341 08:26:11	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:2653	DTR		32013:40:735F	02-340/20:18:08	1ESd
1967	341 08:26:15	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	32013:41:001F	02-340/20:18:11	1ESf
1968	341 08:26:15	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		32013:41:002F	02-340/20:18:11	1ECs
1969	341 08:26:16	31				B- DRCRUS			32013:41:018F	02-340/20:18:12	1TB
1970	341 08:26:16	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		32013:41:026F	02-340/20:18:13	1ECf

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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
1971	341 08:27:03	31		ACE OPCH			FDS	CR-5T	32013:42:001F	02-340/20:18:59	1ESf
						FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11					
1972	341 08:27:03	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		32013:42:002F	02-340/20:18:59	1ECs
1973	341 08:27:03	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		32013:42:002F	02-340/20:19:00	1ECd
1974	341 08:27:03	31					DTR		32013:42:002F	02-340/20:19:00	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:2360					
1975	341 08:27:51	31			SC32AJ	(11) PLS CONFIG CMD	FDS		32013:43:009F	02-340/20:19:48	1ECf
1976	341 08:27:52	31				END PWSREC.31			32013:43:018F	02-340/20:19:48	1T
1977	341 10:33:27	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		32016:20:002F	02-340/22:25:24	1ECd
1978	341 10:33:27	31					DTR		32016:20:002F	02-340/22:25:24	1ESd
						DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2354					
1979	341 10:33:52	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		32016:20:421F	02-340/22:25:49	1ECd
1980	341 10:33:52	31					DTR		32016:20:421F	02-340/22:25:49	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2344					
1981	341 12:00:00	31				VGR-31 OWLT IS 12H 08M 04S					1L
1982	341 13:33:28	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		32020:05:002F	02-341/01:25:24	1ECd

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
1983	341 13:33:28	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2344	DTR		32020:05:002F	02-341/01:25:24	1ESd
1984	341 14:00:24	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1985	341 14:35:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9249 (D/L ONLY)					1DP
1986	341 14:35:00	31				CFG CODES					1DP
1987	341 16:08:40	31				B- UVSLEW			32023:19:001F	02-341/04:00:35	1TB
1988	341 16:08:40	31				SLEW TO HELIO-17B			32023:19:001F	02-341/04:00:35	1T
1989	341 16:08:40	31				B- PLATPOA			32023:19:001F	02-341/04:00:35	1TB
1990	341 16:08:40	31			AC7SPK	(1 12 2 127 225) EL SLEW R=LOW	AACS		32023:19:003F	02-341/04:00:36	1ECa
1991	341 16:13:24	31				B- SLEND			32023:24:734F	02-341/04:05:19	1TB
1992	341 16:13:24	31			SLEWEND	AZ=124.998 EL=91.041 CO=87.556			32023:24:734F	02-341/04:05:19	1T
1993	341 17:36:45	31	60 SET			14.4 DEGREE SET DSC-60					1V
1994	341 17:50:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9250 (D/L ONLY)					1DP
1995	341 17:50:00	31				CFG CODES					1DP
1996	341 18:10:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9249					1DP
1997	341 18:13:29	31			AC7SSB	(4 +160) SS BIAS CONTROL --- YAW	AACS		32025:55:003F	02-341/06:05:24	1ECa
1998	341 21:25:17	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1999	342 00:00:00	31				VGR-31 OWLT IS 12H 08M 06S					1L
2000	342 00:40:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9250					1DP
2001	342 01:25:07	31	10 SET			10.2 DEGREE SET DSC-10					1V
2002	342 06:24:03	31	60RISE			10.2 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2003	342 06:31:15	31	40 SET			10.2 DEGREE SET DSC-40					1V
2004	342 12:00:00	31				VGR-31 OWLT IS 12H 08M 08S					1L
2005	342 13:56:32	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2006	342 14:05:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9250 (D/L ONLY)					1DP
2007	342 14:05:00	31				CFG CODES					1DP
2008	342 16:08:45	31				B- UVSLEW			32053:19:001F	02-342/04:00:35	1TB
2009	342 16:08:45	31				SLEW TO HELIO-18B			32053:19:001F	02-342/04:00:35	1T
2010	342 16:08:45	31				B- PLATPOA			32053:19:001F	02-342/04:00:35	1TB
2011	342 16:08:45	31			AC7SPK	(1 12 2 141 139) EL SLEW R=LOW	AACS		32053:19:003F	02-342/04:00:36	1ECa
2012	342 16:12:53	31				B- SLEND			32053:24:134F	02-342/04:04:43	1TB
2013	342 16:12:53	31			SLEWEND	AZ=124.998 EL=71.021 CO=67.679			32053:24:134F	02-342/04:04:43	1T
2014	342 16:50:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9251 (D/L ONLY)					1DP
2015	342 16:50:00	31				CFG CODES					1DP
2016	342 17:10:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9250					1DP
2017	342 17:32:53	31	60 SET			14.4 DEGREE SET DSC-60					1V
2018	342 21:21:24	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2019	343 00:00:00	31				VGR-31 OWLT IS 12H 08M 10S					1L
2020	343 00:40:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9251					1DP
2021	343 01:21:14	31	10 SET			10.2 DEGREE SET DSC-10					1V
2022	343 06:20:11	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2023	343 06:27:22	31	40 SET			10.2 DEGREE SET DSC-40					1V
2024	343 09:02:24	31			AC7SSB	(3 +009) SS BIAS CONTROL - PITCH	AACS		32074:26:003F	02-342/20:54:12	1ECa

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2025	343 12:00:00	31				VGR-31 OWLT IS 12H 08M 12S					1L
2026	343 13:52:39	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2027	343 14:45:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9251 (U/L PASS)					1DP
2028	343 16:08:49	31				B- UVSLEW			32083:19:001F	02-343/04:00:35	1TB
2029	343 16:08:49	31				SLEW TO HELIO-19B			32083:19:001F	02-343/04:00:35	1T
2030	343 16:08:49	31				B- PLATPOA			32083:19:001F	02-343/04:00:35	1TB
2031	343 16:08:49	31			AC7SPK	(1 12 2 157 158) EL SLEW R=LOW	AACS		32083:19:003F	02-343/04:00:36	1ECa
2032	343 16:13:33	31				B- SLEND			32083:24:734F	02-343/04:05:19	1TB
2033	343 16:13:33	31			SLEWEND	AZ=124.998 EL=48.039 CO=44.803			32083:24:734F	02-343/04:05:19	1T
2034	343 17:28:59	31	60 SET			14.4 DEGREE SET DSC-60					1V
2035	343 17:40:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9252 (D/L ONLY)					1DP
2036	343 17:40:00	31				CFG CODES					1DP
2037	343 18:00:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9251					1DP
2038	343 21:17:31	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2039	344 00:00:00	31				VGR-31 OWLT IS 12H 08M 14S					1L
2040	344 00:25:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9252					1DP
2041	344 01:17:21	31	10 SET			10.2 DEGREE SET DSC-10					1V
2042	344 01:20:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-9252 (D/L ONLY)					1DP
2043	344 01:20:00	31				CFG CODES					1DP
2044	344 05:20:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-9252					1DP
2045	344 06:16:18	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2046	344 06:23:29	31	40 SET			10.2 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2047	344 12:00:00	31				VGR-31 OWLT IS 12H 08M 16S					1L
2048	344 13:48:46	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2049	344 14:30:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9252 (D/L ONLY)					1DP
2050	344 14:30:00	31				CFG CODES					1DP
2051	344 16:08:53	31				B- UVSLEW			32113:19:001F	02-344/04:00:35	1TB
2052	344 16:08:53	31				SLEW TO HELIO-20B			32113:19:001F	02-344/04:00:35	1T
2053	344 16:08:53	31				B- PLATPOA			32113:19:001F	02-344/04:00:35	1TB
2054	344 16:08:53	31			AC7SPK	(1 12 2 173 176) EL SLEW R=LOW	AACS		32113:19:003F	02-344/04:00:36	1ECa
2055	344 16:13:37	31				B- SLEND			32113:24:734F	02-344/04:05:19	1TB
2056	344 16:13:37	31			SLEWEND	AZ=124.998 EL=25.034 CO=22.140			32113:24:734F	02-344/04:05:19	1T
2057	344 17:25:07	31	60 SET			14.4 DEGREE SET DSC-60					1V
2058	344 17:45:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9253 (D/L ONLY)					1DP
2059	344 17:45:00	31				CFG CODES					1DP
2060	344 17:50:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9252					1DP
2061	344 20:30:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9253					1DP
2062	344 20:40:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9253 (D/L ONLY)					1DP
2063	344 20:40:00	31				CFG CODES					1DP
2064	344 21:13:38	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2065	345 00:00:00	31				VGR-31 OWLT IS 12H 08M 19S					1L
2066	345 00:30:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9253					1DP
2067	345 01:13:28	31	10 SET			10.2 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2068	345 01:57:31	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2069	345 01:57:31	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2070	345 01:58:19	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2071	345 01:58:19	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2072	345 02:00:55	31				BEGIN PWSREC.31			32125:39:001F	02-344/13:52:35	1T
2073	345 02:00:55	31			SC32AJ	(10) PLS CONFIG CMD	FDS		32125:39:010F	02-344/13:52:36	1ECf
2074	345 02:01:43	31				B- DRGS4B			32125:40:001F	02-344/13:53:23	1TB
2075	345 02:01:43	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		32125:40:009F	02-344/13:53:24	1ECf
2076	345 02:02:27	31				BEGIN RECORDING PWS DATA			32125:40:734F	02-344/13:54:07	1T
2077	345 02:02:27	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		32125:40:735F	02-344/13:54:08	1ECd
2078	345 02:02:27	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:2344	DTR		32125:40:735F	02-344/13:54:08	1ESd
2079	345 02:02:31	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	32125:41:001F	02-344/13:54:11	1ESf

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2080	345 02:02:31	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		32125:41:002F	02-344/13:54:12	1ECs
2081	345 02:02:32	31				B- DRCRUS			32125:41:018F	02-344/13:54:12	1TB
2082	345 02:02:32	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		32125:41:026F	02-344/13:54:13	1ECF
2083	345 02:03:19	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	32125:42:001F	02-344/13:54:59	1ESF
2084	345 02:03:19	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		32125:42:002F	02-344/13:54:59	1ECs
2085	345 02:03:19	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		32125:42:002F	02-344/13:55:00	1ECd
2086	345 02:03:19	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2637	DTR		32125:42:002F	02-344/13:55:00	1ESd
2087	345 02:04:07	31			SC32AJ	(11) PLS CONFIG CMD	FDS		32125:43:009F	02-344/13:55:48	1ECf
2088	345 02:04:08	31				END PWSREC.31			32125:43:018F	02-344/13:55:48	1T
2089	345 06:12:25	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2090	345 06:19:37	31	40 SET			10.2 DEGREE SET DSC-40					1V
2091	345 12:00:00	31				VGR-31 OWLT IS 12H 08M 21S					1L
2092	345 13:44:53	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2093	345 14:25:00	31	65 AOS	OPCH	ACE	AOS DSS-65 PASS-9253 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2094	345 14:25:00	31				CFG CODES					1DP
2095	345 17:05:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9253					1DP
2096	345 17:15:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9254 (D/L ONLY)					1DP
2097	345 17:15:00	31				CFG CODES					1DP
2098	345 17:21:15	31	60 SET			14.4 DEGREE SET DSC-60					1V
2099	345 18:05:34	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2100	345 18:05:34	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2101	345 18:05:46	31				BEGIN PMPCALLR			32145:45:001F	02-345/05:57:23	1T
2102	345 18:09:46	31				B- DRCR5T			32145:50:001F	02-345/06:01:23	1TB
2103	345 18:09:46	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		32145:50:009F	02-345/06:01:24	1ECf
2104	345 18:10:34	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	32145:51:001F	02-345/06:02:11	1ESf
2105	345 18:10:34	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		32145:51:001F	02-345/06:02:11	1ECs
2106	345 18:16:58	31			SC06BY	(7) FDS PLS/MAG/PESCAL FLAG PLSCAL ENABLED MAGCAL ENABLED PESCAL ENABLED	FDS		32145:59:009F	02-345/06:08:36	1ECf

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2107	345 18:17:46	31				BEGIN PLS/MAG/PESCAL			32146:00:001F	02-345/06:09:23	1T
2108	345 20:00:10	31				END PLSCAL			32148:08:001F	02-345/07:51:47	1T
2109	345 21:09:45	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2110	345 21:20:10	31				END MAGCAL			32149:48:001F	02-345/09:11:47	1T
2111	345 21:33:34	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2112	345 21:33:34	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2113	345 21:37:46	31				END PESCAL			32150:10:001F	02-345/09:29:23	1T
2114	345 21:37:46	31				B- DRCRUS			32150:10:001F	02-345/09:29:23	1TB
2115	345 21:37:46	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		32150:10:010F	02-345/09:29:24	1ECf
2116	345 21:38:34	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	32150:11:001F	02-345/09:30:11	1ESf
2117	345 21:38:34	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		32150:11:002F	02-345/09:30:11	1ECs
2118	345 21:38:35	31				END PMPCALLR			32150:11:018F	02-345/09:30:12	1T
2119	345 21:50:00	31	15 LOS	OPCH	ACE	LOS DSS-15 PASS-9254					1DP
2120	345 22:05:00	31	14 AOS	OPCH	ACE	AOS DSS-14 PASS-9254 (D/L ONLY)					1DP
2121	345 22:05:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2122	345 22:08:46	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2123	345 22:08:46	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=39 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2124	345 22:12:58	31				B- FULMRO			32150:54:001F	02-345/10:04:35	1TB
2125	345 22:12:58	31				BEGIN FULMRO			32150:54:001F	02-345/10:04:35	1T
2126	345 22:12:58	31			SC06BB	(16 0 14 0) FDS MODE TO: EH-12 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : MOD CRUISE AACS READOUT MODE : TELEMETRY	FDS		32150:54:009F	02-345/10:04:36	1ECf
2127	345 22:13:46	31		ACE OPCH		FDS STATUS EH-12/X1.2K/S(N/A) MEM:PA/FDS11	FDS	MC-12	32150:55:001F	02-345/10:05:23	1ESf
2128	345 22:13:46	31			CC3A	(39310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=39 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		32150:55:002F	02-345/10:05:23	1ECs
2129	345 22:23:10	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2130	345 22:27:22	31			SC06BB	(16 0 14 1) FDS MODE TO: EH-12 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : MOD CRUISE AACS READOUT MODE : MEMORY	FDS		32151:12:009F	02-345/10:19:00	1ECf
2131	345 22:28:09	31				START AACS MEM R/O			32151:12:784F	02-345/10:19:46	1T
2132	345 22:28:10	31		ACE OPCH		FDS STATUS EH-12/X1.2K/S(N/A) MEM:PA/FDS11	FDS	AA-12	32151:13:001F	02-345/10:19:47	1ESf

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2133	345 22:28:10	31			AC7MLD	(0000) MISC LOGIC CNTL MEM DUMP	AACS		32151:13:003F	02-345/10:19:48	1ECa
2134	345 22:43:10	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2135	345 22:47:22	31			SC06PV	(8004) FDS TREE SWITCH ID CCS MEMORY READ OUT	FDS		32151:37:009F	02-345/10:39:00	1ECf
2136	345 22:47:23	31			SC06BB	(16 0 02 0) FDS MODE TO: EH-12 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CCS MEM R/O AACS READOUT MODE : TELEMETRY	FDS		32151:37:019F	02-345/10:39:01	1ECf
2137	345 22:48:08	31				END AACS R/O			32151:37:768F	02-345/10:39:45	1T
2138	345 22:48:09	31				BEGIN CCS MEM R/O			32151:37:784F	02-345/10:39:46	1T
2139	345 22:48:10	31		ACE OPCH		FDS STATUS EH-12/X1.2K/S(N/A) MEM:PA/FDS11	FDS	CCS R/O	32151:38:001F	02-345/10:39:47	1ESf
2140	345 22:52:58	31			SC06PV	(8005) FDS TREE SWITCH ID CCS MEMORY READ OUT	FDS		32151:44:009F	02-345/10:44:36	1ECf
2141	345 22:54:22	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2142	345 22:57:46	31			SC06PU	(0000) FDS R/O START ADDRESS	FDS		32151:50:009F	02-345/10:49:24	1ECf
2143	345 22:58:34	31			SC06BB	(16 0 00 0) FDS MODE TO: EH-12 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : FDS MEM R/O AACS READOUT MODE : TELEMETRY	FDS		32151:51:009F	02-345/10:50:12	1ECf
2144	345 22:59:21	31				END CCS MEM R/O			32151:51:784F	02-345/10:50:58	1T
2145	345 22:59:22	31				BEGIN FDS MEM R/O			32151:52:001F	02-345/10:50:59	1T

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2146	345 22:59:22	31		ACE OPCH		FDS STATUS EH-12/X1.2K/S(N/A) MEM:PA/FDS11	FDS	FDS R/O	32151:52:001F	02-345/10:50:59	1ESf
2147	345 23:07:10	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2148	345 23:07:10	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2149	345 23:11:22	31				B- DRCRUS			32152:07:001F	02-345/11:02:59	1TB
2150	345 23:11:22	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		32152:07:010F	02-345/11:03:00	1ECf
2151	345 23:12:10	31				END FDS MEM R/O			32152:08:001F	02-345/11:03:47	1T
2152	345 23:12:10	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	32152:08:001F	02-345/11:03:47	1ESf
2153	345 23:12:10	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		32152:08:002F	02-345/11:03:47	1ECs
2154	345 23:12:11	31				END FULMRO			32152:08:018F	02-345/11:03:48	1T
2155	346 00:00:00	31				VGR-31 OWLT IS 12H 08M 23S					1L
2156	346 01:09:35	31	10 SET			10.2 DEGREE SET DSC-10					1V
2157	346 01:10:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9254					1DP
2158	346 06:08:32	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2159	346 06:15:44	31	40 SET			10.2 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2160	346 06:51:24	31			AC7SSB	(4 +161) SS BIAS CONTROL --- YAW	AACS		32161:42:003F	02-345/18:43:00	1ECa
2161	346 12:00:00	31				VGR-31 OWLT IS 12H 08M 25S					1L
2162	346 13:41:00	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2163	346 14:20:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9254 (D/L ONLY)					1DP
2164	346 14:20:00	31				CFG CODES					1DP
2165	346 15:09:01	31				B- UVSLEW			32172:04:001F	02-346/03:00:35	1TB
2166	346 15:09:01	31				SLEW TO HELIO-19A			32172:04:001F	02-346/03:00:35	1T
2167	346 15:09:01	31				B- PLATPOA			32172:04:001F	02-346/03:00:35	1TB
2168	346 15:09:01	31			AC7SPK	(1 12 1 157 028) EL SLEW R=LOW	AACS		32172:04:003F	02-346/03:00:36	1ECa
2169	346 15:13:50	31				B- SLEND			32172:10:018F	02-346/03:05:24	1TB
2170	346 15:13:50	31			SLEWEND	AZ=124.998 EL=47.993 CO=44.839			32172:10:018F	02-346/03:05:24	1T
2171	346 17:00:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9254					1DP
2172	346 17:17:23	31	60 SET			14.4 DEGREE SET DSC-60					1V
2173	346 19:45:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9255 (D/L ONLY)					1DP
2174	346 19:45:00	31				CFG CODES					1DP
2175	346 21:05:52	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2176	346 22:05:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9255 (D/L ONLY)					1DP
2177	346 22:05:00	31				CFG CODES					1DP
2178	346 22:25:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9255					1DP
2179	347 00:00:00	31				VGR-31 OWLT IS 12H 08M 26S					1L
2180	347 01:05:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9255					1DP
2181	347 01:05:42	31	10 SET			10.2 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2182	347 06:04:39	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2183	347 06:11:51	31	40 SET			10.2 DEGREE SET DSC-40					1V
2184	347 12:00:00	31				VGR-31 OWLT IS 12H 08M 28S					1L
2185	347 13:00:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9255 (D/L ONLY)					1DP
2186	347 13:00:00	31				CFG CODES					1DP
2187	347 13:37:08	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2188	347 15:09:05	31				B- UVSLEW			32202:04:001F	02-347/03:00:35	1TB
2189	347 15:09:05	31				SLEW TO HELIO-18A			32202:04:001F	02-347/03:00:35	1T
2190	347 15:09:05	31				B- PLATPOA			32202:04:001F	02-347/03:00:35	1TB
2191	347 15:09:05	31			AC7SPK	(1 12 2 141 140) EL SLEW R=LOW	AACS		32202:04:003F	02-347/03:00:36	1ECa
2192	347 15:13:49	31				B- SLEND			32202:09:734F	02-347/03:05:19	1TB
2193	347 15:13:49	31			SLEWEND	AZ=124.998 EL=70.992 CO=67.701			32202:09:734F	02-347/03:05:19	1T
2194	347 17:00:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9255					1DP
2195	347 17:13:28	31	60 SET			14.4 DEGREE SET DSC-60					1V
2196	347 21:01:59	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2197	347 22:05:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9256 (D/L ONLY)					1DP
2198	347 22:05:00	31				CFG CODES					1DP
2199	348 00:00:00	31				VGR-31 OWLT IS 12H 08M 30S					1L
2200	348 01:01:49	31	10 SET			10.2 DEGREE SET DSC-10					1V
2201	348 01:05:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9256					1DP
2202	348 05:00:19	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		32219:23:002F	02-347/16:51:48	1ECd

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2203	348 05:00:19	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2643	DTR		32219:23:002F	02-347/16:51:48	1ESd
2204	348 05:13:41	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		32219:39:576F	02-347/17:05:10	1ECd
2205	348 05:13:41	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2354	DTR		32219:39:576F	02-347/17:05:10	1ESd
2206	348 06:00:46	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2207	348 06:07:58	31	40 SET			10.2 DEGREE SET DSC-40					1V
2208	348 07:57:43	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2209	348 07:57:43	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2210	348 07:58:31	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2211	348 07:58:31	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2212	348 08:00:19	31			CC16C	(7028) DTR STATE SELECT: READY	DTR		32223:08:002F	02-347/19:51:48	1ECd
2213	348 08:00:19	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:2354	DTR		32223:08:002F	02-347/19:51:48	1ESd
2214	348 08:01:07	31				AHEL11 PWSREC 25			32223:09:001F	02-347/19:52:35	1T
2215	348 08:01:07	31				B- PWSREC.31			32223:09:001F	02-347/19:52:35	1TB

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2216	348 08:01:07	31				BEGIN PWSREC.31			32223:09:001F	02-347/19:52:35	1T
2217	348 08:01:07	31			SC32AJ	(10) PLS CONFIG CMD	FDS		32223:09:009F	02-347/19:52:36	1ECf
2218	348 08:01:55	31				B- DRGS4B			32223:10:001F	02-347/19:53:23	1TB
2219	348 08:01:55	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		32223:10:009F	02-347/19:53:24	1ECf
2220	348 08:02:39	31				BEGIN RECORDING PWS DATA			32223:10:734F	02-347/19:54:07	1T
2221	348 08:02:39	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		32223:10:735F	02-347/19:54:08	1ECd
2222	348 08:02:39	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:2354	DTR		32223:10:735F	02-347/19:54:08	1ESd
2223	348 08:02:43	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	32223:11:001F	02-347/19:54:11	1ESf
2224	348 08:02:43	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		32223:11:002F	02-347/19:54:12	1ECs
2225	348 08:02:44	31				B- DRCRUS			32223:11:018F	02-347/19:54:12	1TB
2226	348 08:02:44	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		32223:11:026F	02-347/19:54:13	1ECf

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2227	348 08:03:31	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	32223:12:001F	02-347/19:54:59	1ESf
2228	348 08:03:31	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		32223:12:002F	02-347/19:55:00	1ECd
2229	348 08:03:31	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:2062	DTR		32223:12:002F	02-347/19:55:00	1ESd
2230	348 08:03:31	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		32223:12:002F	02-347/19:55:00	1ECs
2231	348 08:04:19	31			SC32AJ	(11) PLS CONFIG CMD	FDS		32223:13:009F	02-347/19:55:48	1ECf
2232	348 08:04:20	31				END PWSREC.31			32223:13:018F	02-347/19:55:48	1T
2233	348 10:09:56	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		32225:50:002F	02-347/22:01:24	1ECd
2234	348 10:09:56	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:2055	DTR		32225:50:002F	02-347/22:01:24	1ESd
2235	348 10:37:07	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		32226:23:786F	02-347/22:28:35	1ECd
2236	348 10:37:07	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2643	DTR		32226:23:786F	02-347/22:28:35	1ESd
2237	348 12:00:00	31				VGR-31 OWLT IS 12H 08M 32S					1L
2238	348 13:09:56	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		32229:35:002F	02-348/01:01:24	1ECd
2239	348 13:33:15	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2240	348 13:40:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9256 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2241	348 13:40:00	31				CFG CODES					1DP
2242	348 15:09:09	31				B- UVSLEW			32232:04:001F	02-348/03:00:35	1TB
2243	348 15:09:09	31				SLEW TO HELIO-17A			32232:04:001F	02-348/03:00:35	1T
2244	348 15:09:09	31				B- PLATPOA			32232:04:001F	02-348/03:00:35	1TB
2245	348 15:09:09	31			AC7SPK	(1 12 1 127 095) EL SLEW R=LOW	AACS		32232:04:003F	02-348/03:00:36	1ECa
2246	348 15:13:17	31				B- SLEND			32232:09:134F	02-348/03:04:43	1TB
2247	348 15:13:17	31			SLEWEND	AZ=124.998 EL=91.003 CO=87.605			32232:09:134F	02-348/03:04:43	1T
2248	348 16:05:09	31			AC7SSB	(3 +008) SS BIAS CONTROL - PITCH	AACS		32233:14:002F	02-348/03:56:36	1ECa
2249	348 17:09:36	31	60 SET			14.4 DEGREE SET DSC-60					1V
2250	348 17:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9256					1DP
2251	348 20:55:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9257 (D/L ONLY)					1DP
2252	348 20:55:00	31				CFG CODES					1DP
2253	348 20:58:06	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2254	348 23:50:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-9257 (D/L ONLY)					1DP
2255	348 23:50:00	31				CFG CODES					1DP
2256	349 00:00:00	31				VGR-31 OWLT IS 12H 08M 34S					1L
2257	349 00:10:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9257					1DP
2258	349 00:57:56	31	10 SET			10.2 DEGREE SET DSC-10					1V
2259	349 02:15:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-9257					1DP
2260	349 05:56:53	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2261	349 06:04:05	31	40 SET			10.2 DEGREE SET DSC-40					1V
2262	349 12:00:00	31				VGR-31 OWLT IS 12H 08M 36S					1L

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2263	349 13:29:22	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2264	349 14:15:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9257 (D/L ONLY)					1DP
2265	349 14:15:00	31				CFG CODES					1DP
2266	349 15:09:12	31				B- UVSLEW			32262:04:001F	02-349/03:00:35	1TB
2267	349 15:09:12	31				SLEW TO HELIO-16A			32262:04:001F	02-349/03:00:35	1T
2268	349 15:09:12	31				B- PLATPOA			32262:04:001F	02-349/03:00:35	1TB
2269	349 15:09:12	31			AC7SPK	(1 12 1 111 076) EL SLEW R=LOW	AACS		32262:04:003F	02-349/03:00:36	1ECa
2270	349 15:13:56	31				B- SLEND			32262:09:734F	02-349/03:05:19	1TB
2271	349 15:13:56	31			SLEWEND	AZ=124.998 EL=114.022 CO=110.496			32262:09:734F	02-349/03:05:19	1T
2272	349 16:30:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9258 (D/L ONLY)					1DP
2273	349 16:30:00	31				CFG CODES					1DP
2274	349 16:50:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9257					1DP
2275	349 17:05:42	31	60 SET			14.4 DEGREE SET DSC-60					1V
2276	349 20:54:13	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2277	350 00:00:00	31				VGR-31 OWLT IS 12H 08M 37S					1L
2278	350 00:10:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9258					1DP
2279	350 00:54:03	31	10 SET			10.2 DEGREE SET DSC-10					1V
2280	350 05:53:01	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2281	350 06:00:12	31	40 SET			10.2 DEGREE SET DSC-40					1V
2282	350 12:00:00	31				VGR-31 OWLT IS 12H 08M 39S					1L
2283	350 13:25:29	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2284	350 14:20:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9258 (U/L PASS)					1DP

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2285	350 15:09:16	31				B- UVSLEW			32292:04:001F	02-350/03:00:35	1TB
2286	350 15:09:16	31				SLEW TO HELIO-15A			32292:04:001F	02-350/03:00:35	1T
2287	350 15:09:16	31				B- PLATPOA			32292:04:001F	02-350/03:00:35	1TB
2288	350 15:09:16	31			AC7SPK	(1 12 1 096 128) EL SLEW R=LOW	AACS		32292:04:003F	02-350/03:00:36	1ECa
2289	350 15:13:35	31				B- SLEND			32292:09:318F	02-350/03:04:54	1TB
2290	350 15:13:35	31			SLEWEND	AZ=124.998 EL=134.977 CO=131.357			32292:09:318F	02-350/03:04:54	1T
2291	350 17:01:50	31	60 SET			14.4 DEGREE SET DSC-60					1V
2292	350 17:10:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9259 (D/L ONLY)					1DP
2293	350 17:10:00	31				CFG CODES					1DP
2294	350 17:30:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9258					1DP
2295	350 19:29:16	31			AC7SSB	(4 +162) SS BIAS CONTROL --- YAW	AACS		32297:29:003F	02-350/07:20:36	1ECa
2296	350 20:50:20	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2297	350 23:50:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9259					1DP
2298	351 00:00:00	31				VGR-31 OWLT IS 12H 08M 41S					1L
2299	351 00:50:10	31	10 SET			10.2 DEGREE SET DSC-10					1V
2300	351 05:49:08	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2301	351 05:56:19	31	40 SET			10.2 DEGREE SET DSC-40					1V
2302	351 12:00:00	31				VGR-31 OWLT IS 12H 08M 42S					1L
2303	351 13:21:36	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2304	351 13:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9259 (D/L ONLY)					1DP
2305	351 13:30:00	31				CFG CODES					1DP
2306	351 15:09:19	31				B- UVSLEW			32322:04:001F	02-351/03:00:35	1TB

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2326	352 01:37:20	31			SC32AJ	(10) PLS CONFIG CMD	FDS		32335:09:009F	02-351/13:28:36	1ECf
2327	352 01:38:08	31				B- DRGS4B			32335:10:001F	02-351/13:29:23	1TB
2328	352 01:38:08	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		32335:10:009F	02-351/13:29:24	1ECf
2329	352 01:38:52	31				BEGIN RECORDING PWS DATA			32335:10:734F	02-351/13:30:07	1T
2330	352 01:38:52	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		32335:10:735F	02-351/13:30:08	1ECd
2331	352 01:38:52	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:2643	DTR		32335:10:735F	02-351/13:30:08	1ESd
2332	352 01:38:56	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	32335:11:001F	02-351/13:30:11	1ESf
2333	352 01:38:56	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		32335:11:002F	02-351/13:30:11	1ECs
2334	352 01:38:57	31				B- DRCRUS			32335:11:018F	02-351/13:30:12	1TB
2335	352 01:38:57	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		32335:11:026F	02-351/13:30:13	1ECf
2336	352 01:39:44	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	32335:12:001F	02-351/13:30:59	1ESf

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2337	352 01:39:44	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		32335:12:002F	02-351/13:30:59	1ECs
2338	352 01:39:44	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		32335:12:002F	02-351/13:31:00	1ECd
2339	352 01:39:44	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2935	DTR		32335:12:002F	02-351/13:31:00	1ESd
2340	352 01:40:32	31			SC32AJ	(11) PLS CONFIG CMD	FDS		32335:13:009F	02-351/13:31:48	1ECf
2341	352 01:40:33	31				END PWSREC.31			32335:13:018F	02-351/13:31:48	1T
2342	352 05:45:15	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2343	352 05:52:26	31	40 SET			10.2 DEGREE SET DSC-40					1V
2344	352 12:00:00	31				VGR-31 OWLT IS 12H 08M 46S					1L
2345	352 13:17:43	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2346	352 14:15:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9260 (D/L ONLY)					1DP
2347	352 14:15:00	31				CFG CODES					1DP
2348	352 15:09:22	31				B- UVSLEW			32352:04:001F	02-352/03:00:35	1TB
2349	352 15:09:22	31				SLEW TO HELIO-13A			32352:04:001F	02-352/03:00:35	1T
2350	352 15:09:22	31				B- PLATPOA			32352:04:001F	02-352/03:00:35	1TB
2351	352 15:09:22	31			AC7SPK	(1 12 2 083 118) EL SLEW R=LOW	AACS		32352:04:003F	02-352/03:00:36	1ECa
2352	352 15:11:17	31				B- SLEND			32352:06:318F	02-352/03:02:30	1TB
2353	352 15:11:17	31			SLEWEND	AZ=124.998 EL=154.005 CO=150.172			32352:06:318F	02-352/03:02:30	1T
2354	352 16:15:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9261 (D/L ONLY)					1DP
2355	352 16:15:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2356	352 16:35:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9260					1DP
2357	352 16:54:04	31	60 SET			14.4 DEGREE SET DSC-60					1V
2358	352 20:42:34	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2359	352 23:45:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9261					1DP
2360	353 00:00:00	31				VGR-31 OWLT IS 12H 08M 47S					1L
2361	353 00:42:24	31	10 SET			10.2 DEGREE SET DSC-10					1V
2362	353 05:41:21	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2363	353 05:48:33	31	40 SET			10.2 DEGREE SET DSC-40					1V
2364	353 12:00:00	31				VGR-31 OWLT IS 12H 08M 49S					1L
2365	353 13:13:50	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2366	353 14:10:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9261 (D/L ONLY)					1DP
2367	353 14:10:00	31				CFG CODES					1DP
2368	353 15:09:25	31				B- UVSLEW			32382:04:001F	02-353/03:00:35	1TB
2369	353 15:09:25	31				SLEW TO HELIO-12A			32382:04:001F	02-353/03:00:35	1T
2370	353 15:09:25	31				B- PLATPOA			32382:04:001F	02-353/03:00:35	1TB
2371	353 15:09:25	31			AC7SPK	(1 12 1 075 108) EL SLEW R=LOW	AACS		32382:04:003F	02-353/03:00:36	1ECa
2372	353 15:11:50	31				B- SLEND			32382:07:018F	02-353/03:03:00	1TB
2373	353 15:11:50	31			SLEWEND	AZ=124.998 EL=165.528 CO=161.374			32382:07:018F	02-353/03:03:00	1T
2374	353 16:30:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9261					1DP
2375	353 16:50:11	31	60 SET			14.4 DEGREE SET DSC-60					1V
2376	353 19:30:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9262 (D/L ONLY)					1DP
2377	353 19:30:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2378	353 20:38:41	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2379	353 23:55:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9262					1DP
2380	354 00:00:00	31				VGR-31 OWLT IS 12H 08M 50S					1L
2381	354 00:38:31	31	10 SET			10.2 DEGREE SET DSC-10					1V
2382	354 05:37:28	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2383	354 05:44:40	31	40 SET			10.2 DEGREE SET DSC-40					1V
2384	354 06:20:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9262 (D/L ONLY)					1DP
2385	354 06:20:00	31				CFG CODES					1DP
2386	354 11:55:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9262					1DP
2387	354 12:00:00	31				VGR-31 OWLT IS 12H 08M 52S					1L
2388	354 13:09:57	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2389	354 15:09:28	31				B- UVSLEW			32412:04:001F	02-354/03:00:35	1TB
2390	354 15:09:28	31				SLEW TO HELIO-11A			32412:04:001F	02-354/03:00:35	1T
2391	354 15:09:28	31				B- PLATPOA			32412:04:001F	02-354/03:00:35	1TB
2392	354 15:09:28	31			AC7SPK	(1 12 2 068 132) EL SLEW R=LOW	AACS		32412:04:003F	02-354/03:00:36	1ECa
2393	354 15:11:41	31				B- SLEND			32412:06:618F	02-354/03:02:48	1TB
2394	354 15:11:41	31			SLEWEND	AZ=124.998 EL=176.039 CO=170.955			32412:06:618F	02-354/03:02:48	1T
2395	354 16:46:17	31	60 SET			14.4 DEGREE SET DSC-60					1V
2396	354 20:34:48	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2397	355 00:00:00	31				VGR-31 OWLT IS 12H 08M 53S					1L
2398	355 00:34:38	31	10 SET			10.2 DEGREE SET DSC-10					1V
2399	355 04:36:42	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		32428:53:002F	02-354/16:27:48	1ECd

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2400	355 04:36:42	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2942	DTR		32428:53:002F	02-354/16:27:48	1ESd
2401	355 05:17:44	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		32429:44:234F	02-354/17:08:49	1ECd
2402	355 05:17:44	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2055	DTR		32429:44:234F	02-354/17:08:49	1ESd
2403	355 05:33:35	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2404	355 05:40:47	31	40 SET			10.2 DEGREE SET DSC-40					1V
2405	355 07:34:06	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2406	355 07:34:06	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2407	355 07:34:54	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2408	355 07:34:54	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2409	355 07:36:42	31			CC16C	(7028) DTR STATE SELECT: READY	DTR		32432:38:002F	02-354/19:27:48	1ECd
2410	355 07:36:42	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:2055	DTR		32432:38:002F	02-354/19:27:48	1ESd
2411	355 07:37:30	31				AHEL11 PWSREC 26			32432:39:001F	02-354/19:28:35	1T
2412	355 07:37:30	31				B- PWSREC.31			32432:39:001F	02-354/19:28:35	1TB

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2413	355 07:37:30	31				BEGIN PWSREC.31			32432:39:001F	02-354/19:28:35	1T
2414	355 07:37:30	31			SC32AJ	(10) PLS CONFIG CMD	FDS		32432:39:009F	02-354/19:28:36	1ECf
2415	355 07:38:18	31				B- DRGS4B			32432:40:001F	02-354/19:29:23	1TB
2416	355 07:38:18	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		32432:40:009F	02-354/19:29:24	1ECf
2417	355 07:39:02	31				BEGIN RECORDING PWS DATA			32432:40:734F	02-354/19:30:07	1T
2418	355 07:39:02	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		32432:40:735F	02-354/19:30:08	1ECd
2419	355 07:39:02	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:2055	DTR		32432:40:735F	02-354/19:30:08	1ESd
2420	355 07:39:06	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	32432:41:001F	02-354/19:30:11	1ESf
2421	355 07:39:06	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		32432:41:002F	02-354/19:30:11	1ECs
2422	355 07:39:07	31				B- DRCRUS			32432:41:018F	02-354/19:30:12	1TB
2423	355 07:39:07	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		32432:41:026F	02-354/19:30:13	1ECf

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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	355 07:39:54	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	32432:42:001F	02-354/19:30:59	1ESf
2425	355 07:39:54	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		32432:42:002F	02-354/19:30:59	1ECs
2426	355 07:39:54	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		32432:42:002F	02-354/19:31:00	1ECd
2427	355 07:39:54	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:1763	DTR		32432:42:002F	02-354/19:31:00	1ESd
2428	355 07:40:42	31			SC32AJ	(11) PLS CONFIG CMD	FDS		32432:43:009F	02-354/19:31:48	1ECf
2429	355 07:40:43	31				END PWSREC.31			32432:43:018F	02-354/19:31:48	1T
2430	355 09:46:18	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		32435:20:002F	02-354/21:37:24	1ECd
2431	355 09:46:18	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1756	DTR		32435:20:002F	02-354/21:37:24	1ESd
2432	355 10:41:11	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		32436:28:477F	02-354/22:32:16	1ECd
2433	355 10:41:11	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2942	DTR		32436:28:477F	02-354/22:32:16	1ESd
2434	355 12:00:00	31				VGR-31 OWLT IS 12H 08M 55S					1L
2435	355 12:46:19	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		32439:05:002F	02-355/00:37:24	1ECd
2436	355 13:06:04	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2437	355 13:50:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9263 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2438	355 13:50:00	31				CFG CODES					1DP
2439	355 15:09:31	31				B- UVSLEW			32442:04:001F	02-355/03:00:35	1TB
2440	355 15:09:31	31				SLEW TO MIDPNT			32442:04:001F	02-355/03:00:35	1T
2441	355 15:09:31	31				B- PLATPOB			32442:04:001F	02-355/03:00:35	1TB
2442	355 15:09:31	31			AC7SPK	(1 12 2 093 082) EL SLEW R=LOW	AACS		32442:04:003F	02-355/03:00:36	1ECa
2443	355 15:09:31	31			AC7SPK	(2 12 1 165 130) AZ SLEW R=LOW	AACS		32442:04:005F	02-355/03:00:36	1ECa
2444	355 15:36:14	31				B- SLEND			32442:37:318F	02-355/03:27:18	1TB
2445	355 15:36:14	31			SLEWEND	AZ=220.011 EL=140.025 CO=134.931			32442:37:318F	02-355/03:27:18	1T
2446	355 16:15:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9264 (D/L ONLY)					1DP
2447	355 16:15:00	31				CFG CODES					1DP
2448	355 16:35:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9263					1DP
2449	355 16:42:25	31	60 SET			14.4 DEGREE SET DSC-60					1V
2450	355 20:30:55	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2451	355 23:30:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9264					1DP
2452	356 00:00:00	31				VGR-31 OWLT IS 12H 08M 56S					1L
2453	356 00:30:46	31	10 SET			10.2 DEGREE SET DSC-10					1V
2454	356 02:33:32	31			AC7SSB	(3 +006) SS BIAS CONTROL - PITCH	AACS		32456:19:003F	02-355/14:24:36	1ECa
2455	356 05:29:42	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2456	356 05:36:54	31	40 SET			10.2 DEGREE SET DSC-40					1V
2457	356 12:00:00	31				VGR-31 OWLT IS 12H 08M 57S					1L
2458	356 13:02:10	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2459	356 14:05:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9264 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2460	356 14:05:00	31				CFG CODES					1DP
2461	356 15:09:34	31				B- UVSLEW			32472:04:001F	02-356/03:00:35	1TB
2462	356 15:09:34	31				SLEW TO HELIO-10A			32472:04:001F	02-356/03:00:35	1T
2463	356 15:09:34	31				B- PLATPOB			32472:04:001F	02-356/03:00:35	1TB
2464	356 15:09:34	31			AC7SPK	(2 12 2 221 177) AZ SLEW R=LOW	AACS		32472:04:003F	02-356/03:00:36	1ECa
2465	356 15:09:34	31			AC7SPK	(1 12 1 070 142) EL SLEW R=LOW	AACS		32472:04:005F	02-356/03:00:36	1ECa
2466	356 15:32:21	31				B- SLEND			32472:32:384F	02-356/03:23:22	1TB
2467	356 15:32:21	31			SLEWEND	AZ=299.986 EL=172.036 CO=172.467			32472:32:384F	02-356/03:23:22	1T
2468	356 16:05:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9265 (D/L ONLY)					1DP
2469	356 16:05:00	31				CFG CODES					1DP
2470	356 16:25:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9264					1DP
2471	356 16:38:31	31	60 SET			14.4 DEGREE SET DSC-60					1V
2472	356 19:26:22	31			AC7SSB	(4 +163) SS BIAS CONTROL --- YAW	AACS		32477:25:003F	02-356/07:17:24	1ECa
2473	356 20:27:02	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2474	356 23:35:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9265					1DP
2475	357 00:00:00	31				VGR-31 OWLT IS 12H 08M 59S					1L
2476	357 00:26:53	31	10 SET			10.2 DEGREE SET DSC-10					1V
2477	357 05:25:49	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2478	357 05:33:01	31	40 SET			10.2 DEGREE SET DSC-40					1V
2479	357 12:00:00	31				VGR-31 OWLT IS 12H 09M 00S					1L
2480	357 12:58:17	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2481	357 14:15:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9265 (U/L PASS)					1DP

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2482	357 15:09:36	31				B- UVSLEW			32502:04:001F	02-357/03:00:35	1TB
2483	357 15:09:36	31				SLEW TO HELIO-9A			32502:04:001F	02-357/03:00:35	1T
2484	357 15:09:36	31				B- PLATPOB			32502:04:001F	02-357/03:00:35	1TB
2485	357 15:09:36	31			AC7SPK	(1 12 2 079 159) EL SLEW R=LOW	AACS		32502:04:003F	02-357/03:00:36	1ECa
2486	357 15:09:36	31			AC7SPL	(2 12 1 255 044) AZ SLEW R=LOW	AACS		32502:04:005F	02-357/03:00:36	1ECa
2487	357 15:12:14	31				B- SLEND			32502:07:234F	02-357/03:03:13	1TB
2488	357 15:12:14	31			SLEWEND	AZ=299.956 EL=160.336 CO=162.302			32502:07:234F	02-357/03:03:13	1T
2489	357 16:34:39	31	60 SET			14.4 DEGREE SET DSC-60					1V
2490	357 16:50:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9266 (D/L ONLY)					1DP
2491	357 16:50:00	31				CFG CODES					1DP
2492	357 17:10:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9265					1DP
2493	357 20:23:09	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2494	358 00:00:00	31				VGR-31 OWLT IS 12H 09M 01S					1L
2495	358 00:10:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9266					1DP
2496	358 00:23:00	31	10 SET			10.2 DEGREE SET DSC-10					1V
2497	358 05:21:56	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2498	358 05:29:08	31	40 SET			10.2 DEGREE SET DSC-40					1V
2499	358 12:00:00	31				VGR-31 OWLT IS 12H 09M 03S					1L
2500	358 12:54:24	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2501	358 14:45:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9267 (D/L ONLY)					1DP
2502	358 14:45:00	31				CFG CODES					1DP
2503	358 15:09:39	31				B- UVSLEW			32532:04:001F	02-358/03:00:35	1TB

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2504	358 15:09:39	31				SLEW TO HELIO-8A			32532:04:001F	02-358/03:00:35	1T
2505	358 15:09:39	31				B- PLATPOA			32532:04:001F	02-358/03:00:35	1TB
2506	358 15:09:39	31			AC7SPK	(1 12 1 086 126) EL SLEW R=LOW	AACS		32532:04:003F	02-358/03:00:36	1ECa
2507	358 15:11:49	31				B- SLEND			32532:06:568F	02-358/03:02:45	1TB
2508	358 15:11:49	31			SLEWEND	AZ=299.956 EL=150.031 CO=152.365			32532:06:568F	02-358/03:02:45	1T
2509	358 16:30:44	31	60 SET			14.4 DEGREE SET DSC-60					1V
2510	358 20:19:17	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2511	358 23:35:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9267					1DP
2512	359 00:00:00	31				VGR-31 OWLT IS 12H 09M 04S					1L
2513	359 00:19:07	31	10 SET			10.2 DEGREE SET DSC-10					1V
2514	359 01:10:16	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2515	359 01:10:16	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2516	359 01:11:04	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2517	359 01:11:04	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2518	359 01:13:40	31				BEGIN PWSREC.31			32544:39:001F	02-358/13:04:35	1T
2519	359 01:13:40	31			SC32AJ	(10) PLS CONFIG CMD	FDS		32544:39:010F	02-358/13:04:36	1ECf
2520	359 01:14:28	31				B- DRGS4B			32544:40:001F	02-358/13:05:23	1TB

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2521	359 01:14:28	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		32544:40:009F	02-358/13:05:24	1ECf
2522	359 01:15:12	31				BEGIN RECORDING PWS DATA			32544:40:734F	02-358/13:06:07	1T
2523	359 01:15:12	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		32544:40:735F	02-358/13:06:08	1ECd
2524	359 01:15:12	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:2942	DTR		32544:40:735F	02-358/13:06:08	1ESd
2525	359 01:15:16	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	32544:41:001F	02-358/13:06:11	1ESf
2526	359 01:15:16	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		32544:41:002F	02-358/13:06:12	1ECs
2527	359 01:15:17	31				B- DRCRUS			32544:41:018F	02-358/13:06:12	1TB
2528	359 01:15:17	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		32544:41:026F	02-358/13:06:13	1ECf
2529	359 01:16:04	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	32544:42:001F	02-358/13:06:59	1ESf

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2530	359 01:16:04	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		32544:42:002F	02-358/13:06:59	1ECs
2531	359 01:16:04	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		32544:42:002F	02-358/13:07:00	1ECd
2532	359 01:16:04	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3234	DTR		32544:42:002F	02-358/13:07:00	1ESd
2533	359 01:16:52	31			SC32AJ	(11) PLS CONFIG CMD	FDS		32544:43:009F	02-358/13:07:48	1ECf
2534	359 01:16:53	31				END PWSREC.31			32544:43:018F	02-358/13:07:48	1T
2535	359 05:18:03	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2536	359 05:25:14	31	40 SET			10.2 DEGREE SET DSC-40					1V
2537	359 12:00:00	31				VGR-31 OWLT IS 12H 09M 05S					1L
2538	359 12:50:31	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2539	359 15:09:41	31				B- UVSLEW			32562:04:001F	02-359/03:00:35	1TB
2540	359 15:09:41	31				SLEW TO HELIO-7A			32562:04:001F	02-359/03:00:35	1T
2541	359 15:09:41	31				B- PLATPOA			32562:04:001F	02-359/03:00:35	1TB
2542	359 15:09:41	31			AC7SPK	(1 12 2 094 117) EL SLEW R=LOW	AACS		32562:04:003F	02-359/03:00:36	1ECa
2543	359 15:12:00	31				B- SLEND			32562:06:718F	02-359/03:02:54	1TB
2544	359 15:12:00	31			SLEWEND	AZ=299.956 EL=139.025 CO=141.547			32562:06:718F	02-359/03:02:54	1T
2545	359 16:26:52	31	60 SET			14.4 DEGREE SET DSC-60					1V
2546	359 19:20:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9268 (D/L ONLY)					1DP
2547	359 19:20:00	31				CFG CODES					1DP
2548	359 20:15:24	31	40RISE			10.2 DEGREE RISE DSC-40					1V

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2549	359 23:30:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9268					1DP
2550	360 00:00:00	31				VGR-31 OWLT IS 12H 09M 06S					1L
2551	360 00:15:14	31	10 SET			10.2 DEGREE SET DSC-10					1V
2552	360 05:14:09	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2553	360 05:21:21	31	40 SET			10.2 DEGREE SET DSC-40					1V
2554	360 11:10:31	31			AC7SSB	(3 +005) SS BIAS CONTROL - PITCH	AACS		32587:05:003F	02-359/23:01:24	1ECa
2555	360 12:00:00	31				VGR-31 OWLT IS 12H 09M 07S					1L
2556	360 12:46:38	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2557	360 13:50:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9268 (D/L ONLY)					1DP
2558	360 13:50:00	31				CFG CODES					1DP
2559	360 15:09:43	31				B- UVSLEW			32592:04:001F	02-360/03:00:35	1TB
2560	360 15:09:43	31				SLEW TO HELIO-6A			32592:04:001F	02-360/03:00:35	1T
2561	360 15:09:43	31				B- PLATPOA			32592:04:001F	02-360/03:00:35	1TB
2562	360 15:09:43	31			AC7SPK	(1 12 2 100 170) EL SLEW R=LOW	AACS		32592:04:003F	02-360/03:00:36	1ECa
2563	360 15:11:37	31				B- SLEND			32592:06:301F	02-360/03:02:29	1TB
2564	360 15:11:37	31			SLEWEND	AZ=299.956 EL=130.027 CO=132.658			32592:06:301F	02-360/03:02:29	1T
2565	360 16:10:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9268					1DP
2566	360 16:22:58	31	60 SET			14.4 DEGREE SET DSC-60					1V
2567	360 19:15:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9269 (D/L ONLY)					1DP
2568	360 19:15:00	31				CFG CODES					1DP
2569	360 20:11:31	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2570	360 23:15:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9269					1DP

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2571	361 00:00:00	31				VGR-31 OWLT IS 12H 09M 08S					1L
2572	361 00:11:21	31	10	SET		10.2 DEGREE SET DSC-10					1V
2573	361 05:10:16	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
2574	361 05:17:28	31	40	SET		10.2 DEGREE SET DSC-40					1V
2575	361 12:00:00	31				VGR-31 OWLT IS 12H 09M 09S					1L
2576	361 12:42:44	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
2577	361 13:00:00	31	63	AOS	OPCH ACE	AOS DSS-63 PASS-9269 (D/L ONLY)					1DP
2578	361 13:00:00	31				CFG CODES					1DP
2579	361 15:09:46	31				B- UVSLEW			32622:04:001F	02-361/03:00:35	1TB
2580	361 15:09:46	31				SLEW TO HELIO-5A			32622:04:001F	02-361/03:00:35	1T
2581	361 15:09:46	31				B- PLATPOA			32622:04:001F	02-361/03:00:35	1TB
2582	361 15:09:46	31			AC7SPK	(1 12 2 105 171) EL SLEW R=LOW	AACS		32622:04:003F	02-361/03:00:36	1ECa
2583	361 15:11:22	31				B- SLEND			32622:06:001F	02-361/03:02:11	1TB
2584	361 15:11:22	31			SLEWEND	AZ=299.956 EL=122.529 CO=125.210			32622:06:001F	02-361/03:02:11	1T
2585	361 16:19:04	31	60	SET		14.4 DEGREE SET DSC-60					1V
2586	361 16:50:00	31	63	LOS	OPCH ACE	LOS DSS-63 PASS-9269					1DP
2587	361 20:07:38	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
2588	361 20:10:00	31	14	AOS	OPCH ACE	AOS DSS-14 PASS-9270 (D/L ONLY)					1DP
2589	361 20:10:00	31				CFG CODES					1DP
2590	361 20:40:10	31				B- GYONBC.31			32628:57:001F	02-361/08:30:59	1TB
2591	361 20:40:10	31				BEGIN GYONBC31			32628:57:001F	02-361/08:30:59	1T
2592	361 20:40:10	31			AC7GYP	(111) DRIRU PATTERN CONTROL GYRO/AXIS=B/PITCH C/YAW & ROLL	AACS		32628:57:003F	02-361/08:31:00	1ECa

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2593	361 20:40:10	31			CC7GARP	GYRO A OFF	PWR		32628:57:004F	02-361/08:31:00	1ECp
2594	361 20:40:10	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS	32628:57:004F	02-361/08:31:00	1ESa	
2595	361 20:40:10	31			CC7GARP	GYRO A OFF	PWR		32628:57:006F	02-361/08:31:00	1ECp
2596	361 20:40:10	31			CC7PC	(352) GYRO A OFF	AACS		32628:57:008F	02-361/08:31:00	1ECa
2597	361 20:40:10	31			CC7GCP	GYRO C ON	PWR		32628:57:009F	02-361/08:31:00	1ECp
2598	361 20:40:10	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: ON	AACS	32628:57:009F	02-361/08:31:00	1ESa	
2599	361 20:40:11	31			CC7GCP	GYRO C ON	PWR		32628:57:011F	02-361/08:31:00	1ECp
2600	361 20:40:11	31			CC7PC	(373) GYRO C ON	AACS		32628:57:013F	02-361/08:31:00	1ECa
2601	361 20:40:11	31			CC7GBP	GYRO B ON	PWR		32628:57:013F	02-361/08:31:00	1ECp
2602	361 20:40:11	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS	32628:57:013F	02-361/08:31:00	1ESa	
2603	361 20:40:11	31			CC7GBP	GYRO B ON	PWR		32628:57:016F	02-361/08:31:00	1ECp
2604	361 20:40:11	31			CC7PC	(363) GYRO B ON	AACS		32628:57:018F	02-361/08:31:00	1ECa
2605	361 20:40:39	31				DRIRU INITIALIZATION			32628:57:484F	02-361/08:31:28	1T
2606	361 20:40:40	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		32628:57:502F	02-361/08:31:30	1ECa
2607	361 20:41:09	31				SET CALIB			32628:58:184F	02-361/08:31:58	1T
2608	361 20:41:10	31			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		32628:58:204F	02-361/08:32:00	1ECa

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FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2609	361 20:50:09	31				START GYRO FAULT TEST			32629:09:384F	02-361/08:40:58	1T
2610	361 20:50:10	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		32629:09:402F	02-361/08:41:00	1ECa
2611	361 20:50:11	31				END GYONBC31			32629:09:418F	02-361/08:41:00	1T
2612	362 00:00:00	31				VGR-31 OWLT IS 12H 09M 10S					1L
2613	362 00:07:28	31	10 SET			10.2 DEGREE SET DSC-10					1V
2614	362 00:10:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9270					1DP
2615	362 04:12:59	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		32638:23:002F	02-361/16:03:48	1ECd
2616	362 04:12:59	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3241	DTR		32638:23:002F	02-361/16:03:48	1ESd
2617	362 05:06:23	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2618	362 05:13:34	31	40 SET			10.2 DEGREE SET DSC-40					1V
2619	362 05:21:42	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		32639:48:720F	02-361/17:12:31	1ECd
2620	362 05:21:42	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1756	DTR		32639:48:720F	02-361/17:12:31	1ESd
2621	362 07:10:23	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2622	362 07:10:23	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2623	362 07:11:11	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2624	362 07:11:11	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2625	362 07:12:59	31			CC16C	(7028) DTR STATE SELECT: READY	DTR		32642:08:002F	02-361/19:03:48	1ECd
2626	362 07:12:59	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:1756	DTR		32642:08:002F	02-361/19:03:48	1ESd
2627	362 07:13:47	31				AHEL11 PWSREC 27			32642:09:001F	02-361/19:04:35	1T
2628	362 07:13:47	31				B- PWSREC.31			32642:09:001F	02-361/19:04:35	1TB
2629	362 07:13:47	31				BEGIN PWSREC.31			32642:09:001F	02-361/19:04:35	1T
2630	362 07:13:47	31			SC32AJ	(10) PLS CONFIG CMD	FDS		32642:09:009F	02-361/19:04:36	1ECF
2631	362 07:14:35	31				B- DRGS4B			32642:10:001F	02-361/19:05:23	1TB
2632	362 07:14:35	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		32642:10:009F	02-361/19:05:24	1ECF
2633	362 07:15:19	31				BEGIN RECORDING PWS DATA			32642:10:734F	02-361/19:06:07	1T
2634	362 07:15:19	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		32642:10:735F	02-361/19:06:08	1ECd
2635	362 07:15:19	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:1756	DTR		32642:10:735F	02-361/19:06:08	1ESd
2636	362 07:15:23	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE -----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	32642:11:001F	02-361/19:06:11	1ESF

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2637	362 07:15:23	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		32642:11:002F	02-361/19:06:12	1ECs
2638	362 07:15:24	31				B- DRCRUS			32642:11:018F	02-361/19:06:12	1TB
2639	362 07:15:24	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		32642:11:026F	02-361/19:06:13	1ECF
2640	362 07:16:11	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	32642:12:001F	02-361/19:06:59	1ESF
2641	362 07:16:11	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		32642:12:002F	02-361/19:07:00	1ECd
2642	362 07:16:11	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:1464	DTR		32642:12:002F	02-361/19:07:00	1ESd
2643	362 07:16:11	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		32642:12:002F	02-361/19:07:00	1ECs
2644	362 07:16:59	31			SC32AJ	(11) PLS CONFIG CMD	FDS		32642:13:009F	02-361/19:07:48	1ECf
2645	362 07:17:00	31				END PWSREC.31			32642:13:018F	02-361/19:07:48	1T
2646	362 09:22:35	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		32644:50:002F	02-361/21:13:24	1ECd
2647	362 09:22:35	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1457	DTR		32644:50:002F	02-361/21:13:24	1ESd
2648	362 10:45:08	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		32646:33:157F	02-361/22:35:57	1ECd

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2649	362 10:45:08	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3241	DTR		32646:33:157F	02-361/22:35:57	1ESd
2650	362 12:00:00	31				VGR-31 OWLT IS 12H 09M 11S					1L
2651	362 12:22:35	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		32648:35:002F	02-362/00:13:24	1ECd
2652	362 12:38:51	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2653	362 13:50:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9270 (D/L ONLY)					1DP
2654	362 13:50:00	31				CFG CODES					1DP
2655	362 15:09:48	31				B- UVSLEW			32652:04:001F	02-362/03:00:35	1TB
2656	362 15:09:48	31				SLEW TO HELIO-4A			32652:04:001F	02-362/03:00:35	1T
2657	362 15:09:48	31				B- PLATPOA			32652:04:001F	02-362/03:00:35	1TB
2658	362 15:09:48	31			AC7SPK	(1 12 2 114 083) EL SLEW R=LOW	AACS		32652:04:003F	02-362/03:00:36	1ECa
2659	362 15:12:25	31				B- SLEND			32652:07:218F	02-362/03:03:12	1TB
2660	362 15:12:25	31			SLEWEND	AZ=299.956 EL=110.062 CO=112.807			32652:07:218F	02-362/03:03:12	1T
2661	362 16:15:11	31	60 SET			14.4 DEGREE SET DSC-60					1V
2662	362 16:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9270					1DP
2663	362 16:45:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9271 (D/L ONLY)					1DP
2664	362 16:45:00	31				CFG CODES					1DP
2665	362 20:03:45	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2666	362 23:05:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9271					1DP
2667	363 00:00:00	31				VGR-31 OWLT IS 12H 09M 12S					1L
2668	363 00:03:35	31	10 SET			10.2 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2669	363 05:02:29	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2670	363 05:09:41	31	40 SET			10.2 DEGREE SET DSC-40					1V
2671	363 12:00:00	31				VGR-31 OWLT IS 12H 09M 13S					1L
2672	363 12:34:58	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2673	363 14:25:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9272 (D/L ONLY)					1DP
2674	363 14:25:00	31				CFG CODES					1DP
2675	363 15:09:50	31				B- UVSLEW			32682:04:001F	02-363/03:00:35	1TB
2676	363 15:09:50	31				SLEW TO HELIO-3A			32682:04:001F	02-363/03:00:35	1T
2677	363 15:09:50	31				B- PLATPOA			32682:04:001F	02-363/03:00:35	1TB
2678	363 15:09:50	31			AC7SPK	(1 12 2 120 137) EL SLEW R=LOW	AACS		32682:04:003F	02-363/03:00:36	1ECa
2679	363 15:11:45	31				B- SLEND			32682:06:318F	02-363/03:02:30	1TB
2680	363 15:11:45	31			SLEWEND	AZ=299.956 EL=101.042 CO=103.831			32682:06:318F	02-363/03:02:30	1T
2681	363 16:11:17	31	60 SET			14.4 DEGREE SET DSC-60					1V
2682	363 19:59:52	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2683	363 23:00:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9272					1DP
2684	363 23:59:43	31	10 SET			10.2 DEGREE SET DSC-10					1V
2685	364 00:00:00	31				VGR-31 OWLT IS 12H 09M 14S					1L
2686	364 04:58:36	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2687	364 05:05:48	31	40 SET			10.2 DEGREE SET DSC-40					1V
2688	364 12:00:00	31				VGR-31 OWLT IS 12H 09M 15S					1L
2689	364 12:31:04	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2690	364 12:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9272 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2691	364 12:45:00	31				CFG CODES					1DP
2692	364 15:09:51	31				B- UVSLEW			32712:04:001F	02-364/03:00:35	1TB
2693	364 15:09:51	31				SLEW TO HELIO-2A			32712:04:001F	02-364/03:00:35	1T
2694	364 15:09:51	31				B- PLATPOA			32712:04:001F	02-364/03:00:35	1TB
2695	364 15:09:51	31			AC7SPK	(1 12 1 128 128) EL SLEW R=LOW	AACS		32712:04:003F	02-364/03:00:36	1ECa
2696	364 15:12:10	31				B- SLEND			32712:06:718F	02-364/03:02:54	1TB
2697	364 15:12:10	31			SLEWEND	AZ=299.956 EL=90.056 CO=92.905			32712:06:718F	02-364/03:02:54	1T
2698	364 15:25:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9273 (D/L ONLY)					1DP
2699	364 15:25:00	31				CFG CODES					1DP
2700	364 15:45:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9272					1DP
2701	364 16:07:25	31	60 SET			14.4 DEGREE SET DSC-60					1V
2702	364 19:47:28	31			AC7SSB	(3 +004) SS BIAS CONTROL - PITCH	AACS		32717:51:003F	02-364/07:38:12	1ECa
2703	364 19:56:00	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2704	364 23:10:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9273					1DP
2705	364 23:55:50	31	10 SET			10.2 DEGREE SET DSC-10					1V
2706	365 00:00:00	31				VGR-31 OWLT IS 12H 09M 16S					1L
2707	365 04:54:42	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2708	365 05:01:54	31	40 SET			10.2 DEGREE SET DSC-40					1V
2709	365 12:00:00	31				VGR-31 OWLT IS 12H 09M 17S					1L
2710	365 12:27:11	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2711	365 13:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9273 (D/L ONLY)					1DP
2712	365 13:30:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2713	365 15:09:53	31				B- UVSLEW			32742:04:001F	02-365/03:00:35	1TB
2714	365 15:09:53	31				SLEW TO HELIO-1A			32742:04:001F	02-365/03:00:35	1T
2715	365 15:09:53	31				B- PLATPOA			32742:04:001F	02-365/03:00:35	1TB
2716	365 15:09:53	31			AC7SPK	(1 12 1 135 217) EL SLEW R=LOW	AACS		32742:04:003F	02-365/03:00:36	1ECa
2717	365 15:12:00	31				B- SLEND			32742:06:518F	02-365/03:02:42	1TB
2718	365 15:12:00	31			SLEWEND	AZ=299.956 EL=80.031 CO=82.965			32742:06:518F	02-365/03:02:42	1T
2719	365 15:25:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9274 (D/L ONLY)					1DP
2720	365 15:25:00	31				CFG CODES					1DP
2721	365 15:45:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9273					1DP
2722	365 16:03:31	31	60 SET			14.4 DEGREE SET DSC-60					1V
2723	365 19:52:07	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2724	365 21:40:18	31				B- MISCMD			32750:12:001F	02-365/09:30:59	1TB
2725	365 21:40:18	31				MISCMD - GYRO INIT			32750:12:001F	02-365/09:30:59	1T
2726	365 21:40:18	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		32750:12:002F	02-365/09:31:00	1ECa
2727	365 23:05:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9274					1DP
2728	365 23:05:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-9274 (D/L ONLY)					1DP
2729	365 23:05:00	31				CFG CODES					1DP
2730	365 23:51:57	31	10 SET			10.2 DEGREE SET DSC-10					1V
2731	001 00:00:00	31				VGR-31 OWLT IS 12H 09M 18S					1L
2732	001 00:46:30	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2733	001 00:46:30	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2734	001 00:47:18	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
2735	001 00:47:18	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2736	001 00:49:54	31				BEGIN PWSREC.31			32754:09:001F	02-365/12:40:35	1T
2737	001 00:49:54	31			SC32AJ	(10) PLS CONFIG CMD	FDS		32754:09:009F	02-365/12:40:36	1ECF
2738	001 00:50:42	31				B- DRGS4B			32754:10:001F	02-365/12:41:23	1TB
2739	001 00:50:42	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		32754:10:009F	02-365/12:41:24	1ECF
2740	001 00:51:26	31				BEGIN RECORDING PWS DATA			32754:10:734F	02-365/12:42:07	1T
2741	001 00:51:26	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		32754:10:735F	02-365/12:42:08	1ECd
2742	001 00:51:26	31					DTR		32754:10:735F	02-365/12:42:08	1ESd
						DTR STATUS					
						MODE:REC RATE:115.2K					
						DIR:F TRK:1 TIC:3241					
2743	001 00:51:30	31		ACE OPCH			FDS	GS-4B	32754:11:001F	02-365/12:42:11	1ESF
						FDS STATUS					
						GS-4B/X2.8K/S40					
						MEM:PA/FDS11					
						-----> GS-4B NOT RECOVERABLE					
						-----> RETAIN CR-5T CONFIGURATION					

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2744	001 00:51:30	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		32754:11:002F	02-365/12:42:11	1ECs
2745	001 00:51:31	31				B- DRCRUS			32754:11:018F	02-365/12:42:12	1TB
2746	001 00:51:31	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		32754:11:026F	02-365/12:42:13	1ECF
2747	001 00:52:18	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	32754:12:001F	02-365/12:42:59	1ESF
2748	001 00:52:18	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		32754:12:002F	02-365/12:42:59	1ECs
2749	001 00:52:18	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		32754:12:002F	02-365/12:43:00	1ECd
2750	001 00:52:18	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3533	DTR		32754:12:002F	02-365/12:43:00	1ESd
2751	001 00:53:06	31			SC32AJ	(11) PLS CONFIG CMD	FDS		32754:13:009F	02-365/12:43:48	1ECf
2752	001 00:53:07	31				END PWSREC.31			32754:13:018F	02-365/12:43:48	1T
2753	001 03:00:00	31	45 LOS	OPCH	ACE	LOS DSS-45 PASS-9274					1DP
2754	001 04:50:49	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2755	001 04:58:01	31	40 SET			10.2 DEGREE SET DSC-40					1V
2756	001 12:00:00	31				VGR-31 OWLT IS 12H 09M 18S					1L
2757	001 12:19:30	31			AC7SSB	(4 +164) SS BIAS CONTROL --- YAW	AACS		32768:31:003F	03-001/00:10:12	1ECa

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2758	001 12:23:17	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2759	001 15:59:36	31	60 SET			14.4 DEGREE SET DSC-60					1V
2760	001 19:48:14	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2761	001 21:20:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9275 (U/L PASS)					1DP
2762	001 23:48:04	31	10 SET			10.2 DEGREE SET DSC-10					1V
2763	001 23:50:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9275					1DP
2764	002 00:00:00	31				VGR-31 OWLT IS 12H 09M 19S					1L
2765	002 04:46:55	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2766	002 04:54:07	31	40 SET			10.2 DEGREE SET DSC-40					1V
2767	002 12:00:00	31				VGR-31 OWLT IS 12H 09M 20S					1L
2768	002 12:19:24	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2769	002 14:45:00	31	24 AOS	OPCH ACE		AOS DSS-24 PASS-9276 (D/L ONLY)					1DP
2770	002 14:45:00	31				CFG CODES					1DP
2771	002 15:55:42	31	60 SET			14.4 DEGREE SET DSC-60					1V
2772	002 19:35:00	31	24 LOS	OPCH ACE		LOS DSS-24 PASS-9276					1DP
2773	002 19:44:21	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2774	002 19:45:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9276 (D/L ONLY)					1DP
2775	002 19:45:00	31				CFG CODES					1DP
2776	002 22:15:00	31	34 AOS	OPCH ACE		AOS DSS-34 PASS-9276 (D/L ONLY)					1DP
2777	002 22:15:00	31				CFG CODES					1DP
2778	002 22:35:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9276					1DP
2779	002 23:44:11	31	10 SET			10.2 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2780	003 00:00:00	31				VGR-31 OWLT IS 12H 09M 21S					1L
2781	003 01:25:00	31	34 LOS	OPCH ACE		LOS DSS-34 PASS-9276					1DP
2782	003 04:43:02	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2783	003 04:50:13	31	40 SET			10.2 DEGREE SET DSC-40					1V
2784	003 12:00:00	31				VGR-31 OWLT IS 12H 09M 21S					1L
2785	003 12:15:30	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2786	003 13:35:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9276 (D/L ONLY)					1DP
2787	003 13:35:00	31				CFG CODES					1DP
2788	003 14:45:22	31	63	TRK DSS		ASCAL PREP ===== ANTENNA DRIVE TO PRECISION ONE (70 METER STATION ONLY) PRIME DATA SOURCE=X BAND AGC ===== TURN CONSCAN -----> OFF (IF ON)					1TD
2789	003 14:56:10	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
2790	003 14:56:10	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=30 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2791	003 15:00:22	31				B- ASCAL			32831:52:001F	03-003/02:50:59	1TB
2792	003 15:00:22	31				B- DREL40			32831:52:001F	03-003/02:50:59	1TB
2793	003 15:00:22	31			SC06BB	(32 0 07 0) FDS MODE TO: EL-40 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		32831:52:009F	03-003/02:51:00	1ECF

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2794	003 15:00:22	31	63	OPCH 63		START ASCAL =====					1TD
						DSS-63: MONITOR X-BD AGC VARIATIONS DURING ASCAL IF X-BD RCVR DROPS LOCK INITIATE AUTO ACQUIRE					
2795	003 15:01:10	31		ACE OPCH			FDS	CE-40	32831:53:001F	03-003/02:51:47	1ESF
						FDS STATUS EL-40/X40/S40 MEM:PA/FDS11					
2796	003 15:01:10	31			CC3A	(30310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=30 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		32831:53:002F	03-003/02:51:47	1ECs
2797	003 15:16:22	31				.05 ALL AXES DEADBAND			32832:12:001F	03-003/03:06:59	1T
2798	003 15:16:22	31			AC7DDB	(000480) CHG TO .05 DEG DEADBAND	AACS		32832:12:003F	03-003/03:07:00	1ECa
2799	003 15:32:22	31			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		32832:32:002F	03-003/03:23:00	1ECa
2800	003 15:32:22	31				AACS STATUS MODE : AAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		32832:32:002F	03-003/03:23:00	1ESa
2801	003 15:32:22	31			CC7GARP	GYRO A OFF	PWR		32832:32:003F	03-003/03:23:00	1ECp
2802	003 15:32:22	31			CC7GARP	GYRO A OFF	PWR		32832:32:005F	03-003/03:23:00	1ECp
2803	003 15:32:22	31			CC7PC	(352) GYRO A OFF	AACS		32832:32:007F	03-003/03:23:00	1ECa
2804	003 15:32:22	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		32832:32:007F	03-003/03:23:00	1ECp
2805	003 15:32:22	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		32832:32:010F	03-003/03:23:00	1ECp
2806	003 15:32:23	31			CC7PC	(312) DUMMY PWR CMD	AACS		32832:32:012F	03-003/03:23:00	1ECa

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2807	003 15:33:09	31	63	OPCH 63		ASCAL =====					1TD
						START YAW DRIFT TURNS					
2808	003 15:33:10	31				START FIRST YAW DRIFT TURN			32832:33:001F	03-003/03:23:47	1T
2809	003 15:33:10	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		32832:33:004F	03-003/03:23:48	1ECa
2810	003 15:37:10	31			AC7PAR	(7015 764220) PARAMETER LOAD	AACS		32832:38:003F	03-003/03:27:48	1ECa
2811	003 15:45:10	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		32832:48:003F	03-003/03:35:48	1ECa
2812	003 15:49:10	31			AC7PAR	(7015 000000) PARAMETER LOAD	AACS		32832:53:004F	03-003/03:39:48	1ECa
2813	003 15:49:10	31	63	OPCH 63		ASCAL =====					1TD
						END YAW DRIFT TURNS					
2814	003 15:49:11	31				END THIRD YAW DRIFT TURN			32832:53:018F	03-003/03:39:48	1T
2815	003 15:49:57	31	63	OPCH 63		ASCAL =====					1TD
						START PITCH DRIFT TURNS					
2816	003 15:49:58	31				START FIRST PITCH DRIFT TURN			32832:54:001F	03-003/03:40:35	1T
2817	003 15:49:58	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		32832:54:003F	03-003/03:40:36	1ECa
2818	003 15:51:50	31	60	SET		14.4 DEGREE SET DSC-60					1V
2819	003 15:53:58	31			AC7PAR	(7014 764220) PARAMETER LOAD	AACS		32832:59:004F	03-003/03:44:36	1ECa
2820	003 16:01:58	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		32833:09:004F	03-003/03:52:36	1ECa
2821	003 16:05:58	31			AC7PAR	(7014 000000) PARAMETER LOAD	AACS		32833:14:003F	03-003/03:56:36	1ECa

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2822	003 16:05:58	31	63	OPCH 63		ASCAL ===== END PITCH DRIFT TURNS					1TD
2823	003 16:05:59	31				END THIRD PITCH DRIFT TURN			32833:14:018F	03-003/03:56:36	1T
2824	003 16:07:04	31				B- MISCMD			32833:15:301F	03-003/03:57:41	1TB
2825	003 16:07:04	31				MISCMD - GYROS OFF			32833:15:301F	03-003/03:57:41	1T
2826	003 16:07:04	31			AC7PAR	(7530 000000) PARAMETER LOAD	AACS		32833:15:304F	03-003/03:57:42	1ECa
2827	003 16:07:34	31			CC7SS	(1) SS SEARCH ENABLE	AACS		32833:16:001F	03-003/03:58:11	1ECa
2828	003 16:07:34	31				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS	32833:16:001F	03-003/03:58:11	1ESa	
2829	003 16:07:34	31			CC7PC	(327) IDET ACQUIRED	AACS		32833:16:002F	03-003/03:58:12	1ECa
2830	003 16:07:34	31			CC7GARP	GYRO A OFF	PWR		32833:16:003F	03-003/03:58:12	1ECp
2831	003 16:07:34	31			CC7GARP	GYRO A OFF	PWR		32833:16:005F	03-003/03:58:12	1ECp
2832	003 16:07:34	31			CC7PC	(352) GYRO A OFF	AACS		32833:16:007F	03-003/03:58:12	1ECa
2833	003 16:07:34	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		32833:16:008F	03-003/03:58:12	1ECp
2834	003 16:07:34	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		32833:16:010F	03-003/03:58:12	1ECp
2835	003 16:07:35	31			CC7PC	(312) DUMMY PWR CMD	AACS		32833:16:012F	03-003/03:58:12	1ECa
2836	003 16:08:10	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2837	003 16:08:10	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2838	003 16:09:10	31			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		32833:18:002F	03-003/03:59:47	1ECa

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2839	003 16:10:15	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		32833:19:285F	03-003/04:00:52	1ESa
2840	003 16:10:15	31			CC7PC	(307) STAR ACQUIRED	AACS		32833:19:286F	03-003/04:00:53	1ECa
2841	003 16:10:15	31			CC7GCRP	GYRO C OFF	PWR		32833:19:286F	03-003/04:00:53	1ECp
2842	003 16:10:15	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		32833:19:286F	03-003/04:00:53	1ESa
2843	003 16:10:15	31			CC7GCRP	GYRO C OFF	PWR		32833:19:288F	03-003/04:00:53	1ECp
2844	003 16:10:15	31			CC7PC	(372) GYRO C OFF	AACS		32833:19:290F	03-003/04:00:53	1ECa
2845	003 16:10:15	31			CC7GBRP	GYRO B OFF	PWR		32833:19:291F	03-003/04:00:53	1ECp
2846	003 16:10:15	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS		32833:19:291F	03-003/04:00:53	1ESa
2847	003 16:10:15	31			CC7GBRP	GYRO B OFF	PWR		32833:19:293F	03-003/04:00:53	1ECp
2848	003 16:10:16	31			CC7PC	(362) GYRO B OFF	AACS		32833:19:295F	03-003/04:00:53	1ECa
2849	003 16:10:16	31			CC7GARP	GYRO A OFF	PWR		32833:19:296F	03-003/04:00:53	1ECp
2850	003 16:10:16	31			CC7GARP	GYRO A OFF	PWR		32833:19:298F	03-003/04:00:53	1ECp
2851	003 16:10:16	31			CC7PC	(352) GYRO A OFF	AACS		32833:19:300F	03-003/04:00:53	1ECa
2852	003 16:10:16	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		32833:19:301F	03-003/04:00:53	1ECp
2853	003 16:10:16	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		32833:19:303F	03-003/04:00:54	1ECp
2854	003 16:10:16	31			CC7PC	(312) DUMMY PWR CMD	AACS		32833:19:305F	03-003/04:00:54	1ECa

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2855	003 16:12:22	31				B- DRCRUS			32833:22:001F	03-003/04:02:59	1TB
2856	003 16:12:22	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		32833:22:009F	03-003/04:03:00	1ECf
2857	003 16:13:10	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	32833:23:001F	03-003/04:03:47	1ESf
2858	003 16:13:10	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		32833:23:002F	03-003/04:03:47	1ECs
2859	003 16:18:46	31				B- YAWDB			32833:30:001F	03-003/04:09:23	1TB
2860	003 16:18:46	31				YAWDB - .10			32833:30:001F	03-003/04:09:23	1T
2861	003 16:18:46	31				B- ROLLDB			32833:30:001F	03-003/04:09:23	1TB
2862	003 16:18:46	31				ROLLDB - .25			32833:30:001F	03-003/04:09:23	1T
2863	003 16:18:46	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		32833:30:004F	03-003/04:09:24	1ECa
2864	003 16:18:46	31			AC7PAR	(6742 004540) +ROLL DB=.25 DEG	AACS		32833:30:006F	03-003/04:09:24	1ECa
2865	003 16:18:47	31	63	OPCH	63	END ASCAL					1TD
2866	003 16:30:00	31	63 LOS	OPCH	ACE	LOS DSS-63 PASS-9276					1DP
2867	003 19:15:00	31	15 AOS	OPCH	ACE	AOS DSS-15 PASS-9277 (D/L ONLY)					1DP
2868	003 19:15:00	31				CFG CODES					1DP
2869	003 19:40:28	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2870	003 23:25:00	31	15 LOS	OPCH	ACE	LOS DSS-15 PASS-9277					1DP

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2871	003 23:40:18	31	10 SET			10.2 DEGREE SET DSC-10					1V
2872	004 00:00:00	31				VGR-31 OWLT IS 12H 09M 22S					1L
2873	004 03:49:10	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		32847:53:002F	03-003/15:39:48	1ECd
2874	004 03:49:10	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3540	DTR		32847:53:002F	03-003/15:39:48	1ESd
2875	004 04:24:22	31			AC7SSB	(3 +003) SS BIAS CONTROL - PITCH	AACS		32848:37:003F	03-003/16:15:00	1ECa
2876	004 04:39:08	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2877	004 04:46:20	31	40 SET			10.2 DEGREE SET DSC-40					1V
2878	004 05:25:34	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		32849:53:405F	03-003/17:16:12	1ECd
2879	004 05:25:34	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1457	DTR		32849:53:405F	03-003/17:16:12	1ESd
2880	004 06:46:34	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2881	004 06:46:34	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2882	004 06:47:22	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2883	004 06:47:22	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2884	004 06:49:10	31			CC16C	(7028) DTR STATE SELECT: READY	DTR		32851:38:002F	03-003/18:39:48	1ECd

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2885	004 06:49:10	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:1457	DTR		32851:38:002F	03-003/18:39:48	1ESd
2886	004 06:49:58	31				AHEL11 PWSREC 28			32851:39:001F	03-003/18:40:35	1T
2887	004 06:49:58	31				B- PWSREC.31			32851:39:001F	03-003/18:40:35	1TB
2888	004 06:49:58	31				BEGIN PWSREC.31			32851:39:001F	03-003/18:40:35	1T
2889	004 06:49:58	31			SC32AJ	(10) PLS CONFIG CMD	FDS		32851:39:009F	03-003/18:40:36	1ECf
2890	004 06:50:46	31				B- DRGS4B			32851:40:001F	03-003/18:41:23	1TB
2891	004 06:50:46	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		32851:40:009F	03-003/18:41:24	1ECf
2892	004 06:51:30	31				BEGIN RECORDING PWS DATA			32851:40:734F	03-003/18:42:07	1T
2893	004 06:51:30	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		32851:40:735F	03-003/18:42:08	1ECd
2894	004 06:51:30	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:1457	DTR		32851:40:735F	03-003/18:42:08	1ESd
2895	004 06:51:34	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	32851:41:001F	03-003/18:42:11	1ESf
2896	004 06:51:34	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		32851:41:002F	03-003/18:42:11	1ECs
2897	004 06:51:35	31				B- DRCRUS			32851:41:018F	03-003/18:42:12	1TB

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2898	004 06:51:35	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		32851:41:026F	03-003/18:42:13	1ECf
2899	004 06:52:22	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	32851:42:001F	03-003/18:42:59	1ESf
2900	004 06:52:22	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		32851:42:002F	03-003/18:43:00	1ECs
2901	004 06:52:22	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		32851:42:002F	03-003/18:43:00	1ECd
2902	004 06:52:22	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:1165	DTR		32851:42:002F	03-003/18:43:00	1ESd
2903	004 06:53:10	31			SC32AJ	(11) PLS CONFIG CMD	FDS		32851:43:009F	03-003/18:43:48	1ECf
2904	004 06:53:11	31				END PWSREC.31			32851:43:018F	03-003/18:43:48	1T
2905	004 08:58:46	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		32854:20:002F	03-003/20:49:24	1ECd
2906	004 08:58:46	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1158	DTR		32854:20:002F	03-003/20:49:24	1ESd
2907	004 10:49:02	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		32856:37:648F	03-003/22:39:38	1ECd
2908	004 10:49:02	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3540	DTR		32856:37:648F	03-003/22:39:38	1ESd
2909	004 11:58:47	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		32858:05:002F	03-003/23:49:24	1ECd

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2910	004 12:00:00	31				VGR-31 OWLT IS 12H 09M 23S					1L
2911	004 12:11:37	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2912	004 13:35:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9277 (D/L ONLY)					1DP
2913	004 13:35:00	31				CFG CODES					1DP
2914	004 15:47:56	31	60 SET			14.4 DEGREE SET DSC-60					1V
2915	004 16:00:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9278 (D/L ONLY)					1DP
2916	004 16:00:00	31				CFG CODES					1DP
2917	004 16:20:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9277					1DP
2918	004 19:36:36	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2919	004 22:45:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9278					1DP
2920	004 23:36:25	31	10 SET			10.2 DEGREE SET DSC-10					1V
2921	005 00:00:00	31				VGR-31 OWLT IS 12H 09M 23S					1L
2922	005 04:35:14	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2923	005 04:42:26	31	40 SET			10.2 DEGREE SET DSC-40					1V
2924	005 12:00:00	31				VGR-31 OWLT IS 12H 09M 24S					1L
2925	005 12:07:43	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2926	005 13:35:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9278 (D/L ONLY)					1DP
2927	005 13:35:00	31				CFG CODES					1DP
2928	005 13:35:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9278 (D/L ONLY)					1DP
2929	005 13:35:00	31				CFG CODES					1DP
2930	005 15:44:01	31	60 SET			14.4 DEGREE SET DSC-60					1V

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2931	005 16:00:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9279 (D/L ONLY)					1DP
2932	005 16:00:00	31				CFG CODES					1DP
2933	005 16:00:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9279 (D/L ONLY)					1DP
2934	005 16:00:00	31				CFG CODES					1DP
2935	005 16:20:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9278					1DP
2936	005 16:20:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9278					1DP
2937	005 19:32:43	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2938	005 20:05:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9279 (D/L ONLY)					1DP
2939	005 20:05:00	31				CFG CODES					1DP
2940	005 20:05:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9279 (D/L ONLY)					1DP
2941	005 20:05:00	31				CFG CODES					1DP
2942	005 20:25:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9279					1DP
2943	005 20:25:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9279					1DP
2944	005 23:32:32	31	10 SET			10.2 DEGREE SET DSC-10					1V
2945	005 23:45:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9279					1DP
2946	005 23:45:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9279					1DP
2947	006 00:00:00	31				VGR-31 OWLT IS 12H 09M 24S					1L
2948	006 04:31:21	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2949	006 04:38:32	31	40 SET			10.2 DEGREE SET DSC-40					1V
2950	006 08:10:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9279 (D/L ONLY)					1DP
2951	006 08:10:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2952	006 11:54:25	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2953	006 11:59:25	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3540	DTR		32918:05:602F	03-005/23:50:00	1ESd
2954	006 11:59:25	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	32918:05:602F	03-005/23:50:00	1ESf
2955	006 12:00:00	31				VGR-31 OWLT IS 12H 09M 25S					1L
2956	006 12:03:50	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2957	006 15:20:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9279					1DP
2958	006 15:40:07	31	60 SET			14.4 DEGREE SET DSC-60					1V
2959	006 18:25:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9280 (D/L ONLY)					1DP
2960	006 18:25:00	31				CFG CODES					1DP
2961	006 19:28:50	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2962	006 22:45:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9280					1DP
2963	006 23:28:40	31	10 SET			10.2 DEGREE SET DSC-10					1V
2964	007 00:00:00	31				VGR-31 OWLT IS 12H 09M 25S					1L
2965	007 00:45:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-9280 (D/L ONLY)					1DP
2966	007 00:45:00	31				CFG CODES					1DP
2967	007 03:40:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-9280					1DP
2968	007 04:27:27	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2969	007 04:34:39	31	40 SET			10.2 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2970	007 11:59:56	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2971	007 12:00:00	31				VGR-31 OWLT IS 12H 09M 26S					1L
2972	007 13:40:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9280 (U/L PASS)					1DP
2973	007 15:36:12	31	60 SET			14.4 DEGREE SET DSC-60					1V
2974	007 15:50:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9281 (D/L ONLY)					1DP
2975	007 15:50:00	31				CFG CODES					1DP
2976	007 16:10:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9280					1DP
2977	007 19:24:57	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2978	007 20:30:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-9281 (D/L ONLY)					1DP
2979	007 20:30:00	31				CFG CODES					1DP
2980	007 20:50:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9281					1DP
2981	007 23:24:47	31	10 SET			10.2 DEGREE SET DSC-10					1V
2982	008 00:00:00	31				VGR-31 OWLT IS 12H 09M 26S					1L
2983	008 00:22:38	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2984	008 00:22:38	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2985	008 00:23:26	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2986	008 00:23:26	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2987	008 00:26:02	31				BEGIN PWSREC.31			32963:39:001F	03-007/12:16:35	1T

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
2988	008 00:26:02	31			SC32AJ	(10) PLS CONFIG CMD	FDS		32963:39:010F	03-007/12:16:36	1ECf
2989	008 00:26:50	31				B- DRGS4B			32963:40:001F	03-007/12:17:23	1TB
2990	008 00:26:50	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		32963:40:009F	03-007/12:17:24	1ECf
2991	008 00:27:34	31				BEGIN RECORDING PWS DATA			32963:40:734F	03-007/12:18:07	1T
2992	008 00:27:34	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		32963:40:735F	03-007/12:18:08	1ECd
2993	008 00:27:34	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:3540	DTR		32963:40:735F	03-007/12:18:08	1ESd
2994	008 00:27:38	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	32963:41:001F	03-007/12:18:11	1ESf
2995	008 00:27:38	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		32963:41:002F	03-007/12:18:11	1ECs
2996	008 00:27:39	31				B- DRCRUS			32963:41:018F	03-007/12:18:12	1TB
2997	008 00:27:39	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		32963:41:026F	03-007/12:18:13	1ECf
2998	008 00:27:43	31			EOT	END OF TAPE			32963:41:088F	03-007/12:18:17	1Ed
2999	008 00:27:45	31			EOT	END OF TAPE			32963:41:126F	03-007/12:18:19	1Ed

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
3000	008 00:28:26	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	32963:42:001F	03-007/12:18:59	1ESf
3001	008 00:28:26	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		32963:42:002F	03-007/12:18:59	1ECs
3002	008 00:28:26	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		32963:42:002F	03-007/12:19:00	1ECd
3003	008 00:28:26	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:2 TIC:3357	DTR		32963:42:002F	03-007/12:19:00	1ESd
3004	008 00:29:14	31			SC32AJ	(11) PLS CONFIG CMD	FDS		32963:43:009F	03-007/12:19:48	1ECf
3005	008 00:29:15	31				END PWSREC.31			32963:43:018F	03-007/12:19:48	1T
3006	008 00:30:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-9281					1DP
3007	008 00:39:38	31				B- DTRMA-1.31			32963:56:001F	03-007/12:30:11	1TB
3008	008 00:39:38	31				BEGIN DTRMA131			32963:56:001F	03-007/12:30:11	1T
3009	008 00:39:38	31			CC16C	(2217) DTR STATE SELECT: SLEW	DTR		32963:56:002F	03-007/12:30:12	1ECd
3010	008 00:39:38	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:7 TIC:3350	DTR		32963:56:002F	03-007/12:30:12	1ESd
3011	008 00:50:30	31			EOT	END OF TAPE			32964:09:465F	03-007/12:41:03	1Ed
3012	008 03:23:38	31			CC16C	(2228) DTR STATE SELECT: SLEW	DTR		32967:21:001F	03-007/15:14:11	1ECd
3013	008 03:23:38	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:8 TIC:3585	DTR		32967:21:001F	03-007/15:14:11	1ESd

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
3014	008 03:23:38	31			EOT	END OF TAPE			32967:21:010F	03-007/15:14:12	1Ed
3015	008 04:23:33	31	60RISE			10.2 DEGREE RISE DSC-60					1V
3016	008 04:30:45	31	40 SET			10.2 DEGREE SET DSC-40					1V
3017	008 06:00:23	31			BOT	BEGIN OF TAPE			32970:36:749F	03-007/17:50:56	1Ed
3018	008 06:03:36	31				TAPE AT BOT			32970:40:768F	03-007/17:54:09	1T
3019	008 06:03:36	31				END DTRMA131			32970:40:768F	03-007/17:54:09	1T
3020	008 06:07:38	31				TAPPOS-3540			32970:46:001F	03-007/17:58:11	1T
3021	008 06:07:38	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		32970:46:002F	03-007/17:58:11	1ECd
3022	008 06:07:38	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0199	DTR		32970:46:002F	03-007/17:58:11	1ESd
3023	008 06:07:38	31			BOT	BEGIN OF TAPE			32970:46:010F	03-007/17:58:12	1Ed
3024	008 08:42:17	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		32973:59:239F	03-007/20:32:50	1ECd
3025	008 08:42:17	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3540	DTR		32973:59:239F	03-007/20:32:50	1ESd
3026	008 08:55:39	31				REV/TRK 2			32974:16:001F	03-007/20:46:11	1T
3027	008 08:55:39	31			CC16C	(7022) DTR STATE SELECT: READY	DTR		32974:16:002F	03-007/20:46:11	1ECd
3028	008 08:55:39	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:2 TIC:3540	DTR		32974:16:002F	03-007/20:46:11	1ESd
3029	008 11:56:02	31	10RISE			10.2 DEGREE RISE DSC-10					1V
3030	008 12:00:00	31				VGR-31 OWLT IS 12H 09M 27S					1L

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
3031	008 13:01:15	31			AC7SSB	(3 +002) SS BIAS CONTROL - PITCH	AACS		32979:23:003F	03-008/00:51:48	1ECa
3032	008 13:40:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9282 (D/L ONLY)					1DP
3033	008 13:40:00	31				CFG CODES					1DP
3034	008 15:32:18	31	60 SET			14.4 DEGREE SET DSC-60					1V
3035	008 16:30:39	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
3036	008 16:30:39	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
3037	008 16:30:51	31				BEGIN PMPCALLR			32983:45:001F	03-008/04:21:23	1T
3038	008 16:34:51	31				B- DRCR5T			32983:50:001F	03-008/04:25:23	1TB
3039	008 16:34:51	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		32983:50:009F	03-008/04:25:24	1ECf
3040	008 16:35:39	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	32983:51:001F	03-008/04:26:11	1ESF
3041	008 16:35:39	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		32983:51:001F	03-008/04:26:11	1ECs
3042	008 16:42:03	31			SC06BY	(7) FDS PLS/MAG/PESCAL FLAG PLSCAL ENABLED MAGCAL ENABLED PESCAL ENABLED	FDS		32983:59:009F	03-008/04:32:36	1ECf
3043	008 16:42:51	31				BEGIN PLS/MAG/PESCAL			32984:00:001F	03-008/04:33:23	1T
3044	008 18:25:15	31				END PLSCAL			32986:08:001F	03-008/06:15:47	1T

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
3045	008 19:21:04	31	40RISE			10.2 DEGREE RISE DSC-40					1V
3046	008 19:45:15	31				END MAGCAL			32987:48:001F	03-008/07:35:47	1T
3047	008 19:58:39	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
3048	008 19:58:39	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
3049	008 20:02:51	31				END PESCAL			32988:10:001F	03-008/07:53:23	1T
3050	008 20:02:51	31				B- DRCRUS			32988:10:001F	03-008/07:53:23	1TB
3051	008 20:02:51	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		32988:10:010F	03-008/07:53:24	1ECf
3052	008 20:03:39	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	32988:11:001F	03-008/07:54:11	1ESf
3053	008 20:03:39	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		32988:11:002F	03-008/07:54:11	1ECs
3054	008 20:03:40	31				END PMPCALLR			32988:11:018F	03-008/07:54:12	1T
3055	008 22:35:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9282					1DP
3056	008 23:20:54	31	10 SET			10.2 DEGREE SET DSC-10					1V
3057	009 00:00:00	31				VGR-31 OWLT IS 12H 09M 27S					1L
3058	009 04:19:39	31	60RISE			10.2 DEGREE RISE DSC-60					1V
3059	009 04:26:51	31	40 SET			10.2 DEGREE SET DSC-40					1V
3060	009 11:52:08	31	10RISE			10.2 DEGREE RISE DSC-10					1V

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
3061	009 12:00:00	31				VGR-31 OWLT IS 12H 09M 27S					1L
3062	009 15:10:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9283 (D/L ONLY)					1DP
3063	009 15:10:00	31				CFG CODES					1DP
3064	009 15:28:26	31	60 SET			14.4 DEGREE SET DSC-60					1V
3065	009 19:17:12	31	40RISE			10.2 DEGREE RISE DSC-40					1V
3066	009 22:35:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9283					1DP
3067	009 23:17:01	31	10 SET			10.2 DEGREE SET DSC-10					1V
3068	010 00:00:00	31				VGR-31 OWLT IS 12H 09M 28S					1L
3069	010 00:45:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-9283 (D/L ONLY)					1DP
3070	010 00:45:00	31				CFG CODES					1DP
3071	010 03:35:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-9283					1DP
3072	010 04:15:45	31	60RISE			10.2 DEGREE RISE DSC-60					1V
3073	010 04:22:57	31	40 SET			10.2 DEGREE SET DSC-40					1V
3074	010 11:48:14	31	10RISE			10.2 DEGREE RISE DSC-10					1V
3075	010 12:00:00	31				VGR-31 OWLT IS 12H 09M 28S					1L
3076	010 13:20:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9283 (D/L ONLY)					1DP
3077	010 13:20:00	31				CFG CODES					1DP
3078	010 15:24:32	31	60 SET			14.4 DEGREE SET DSC-60					1V
3079	010 16:00:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9283					1DP
3080	010 19:13:19	31	40RISE			10.2 DEGREE RISE DSC-40					1V
3081	010 21:45:00	31	34 AOS	OPCH ACE		AOS DSS-34 PASS-9284 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
3082	010 21:45:00	31				CFG CODES					1DP
3083	010 23:13:08	31	10 SET			10.2 DEGREE SET DSC-10					1V
3084	011 00:00:00	31				VGR-31 OWLT IS 12H 09M 28S					1L
3085	011 01:50:00	31	34 LOS	OPCH ACE		LOS DSS-34 PASS-9284					1DP
3086	011 03:25:16	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		33057:23:002F	03-010/15:15:48	1ECd
3087	011 03:25:16	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3540	DTR		33057:23:002F	03-010/15:15:48	1ESd
3088	011 04:11:51	31	60RISE			10.2 DEGREE RISE DSC-60					1V
3089	011 04:19:03	31	40 SET			10.2 DEGREE SET DSC-40					1V
3090	011 05:12:28	31			AC7SSB	(4 +165) SS BIAS CONTROL --- YAW	AACS		33059:37:003F	03-010/17:03:00	1ECa
3091	011 05:15:30	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		33059:40:642F	03-010/17:06:02	1ECd
3092	011 05:15:30	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1158	DTR		33059:40:642F	03-010/17:06:02	1ESd
3093	011 06:22:40	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
3094	011 06:22:40	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
3095	011 06:23:28	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
3096	011 06:23:28	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
3097	011 06:25:16	31			CC16C	(7028) DTR STATE SELECT: READY	DTR		33061:08:002F	03-010/18:15:48	1ECd
3098	011 06:25:16	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:1158	DTR	33061:08:002F	03-010/18:15:48	1ESd	
3099	011 06:26:04	31				AHEL11 PWSREC 29		33061:09:001F	03-010/18:16:35	1T	
3100	011 06:26:04	31				B- PWSREC.31		33061:09:001F	03-010/18:16:35	1TB	
3101	011 06:26:04	31				BEGIN PWSREC.31		33061:09:001F	03-010/18:16:35	1T	
3102	011 06:26:04	31			SC32AJ	(10) PLS CONFIG CMD	FDS	33061:09:009F	03-010/18:16:36	1ECf	
3103	011 06:26:52	31				B- DRGS4B		33061:10:001F	03-010/18:17:23	1TB	
3104	011 06:26:52	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	33061:10:009F	03-010/18:17:24	1ECf	
3105	011 06:27:36	31				BEGIN RECORDING PWS DATA		33061:10:734F	03-010/18:18:07	1T	
3106	011 06:27:36	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR	33061:10:735F	03-010/18:18:08	1ECd	
3107	011 06:27:36	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:1158	DTR	33061:10:735F	03-010/18:18:08	1ESd	
3108	011 06:27:40	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B 33061:11:001F	03-010/18:18:11	1ESf	
3109	011 06:27:40	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	33061:11:002F	03-010/18:18:11	1ECs	

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
3110	011 06:27:41	31				B- DRCRUS			33061:11:018F	03-010/18:18:12	1TB
3111	011 06:27:41	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		33061:11:026F	03-010/18:18:13	1ECf
3112	011 06:28:28	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	33061:12:001F	03-010/18:18:59	1ESf
3113	011 06:28:28	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		33061:12:002F	03-010/18:19:00	1ECs
3114	011 06:28:28	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		33061:12:002F	03-010/18:19:00	1ECd
3115	011 06:28:28	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:0866	DTR		33061:12:002F	03-010/18:19:00	1ESd
3116	011 06:29:16	31			SC32AJ	(11) PLS CONFIG CMD END PWSREC.31	FDS		33061:13:009F	03-010/18:19:48	1ECf
3117	011 06:29:17	31							33061:13:018F	03-010/18:19:48	1T
3118	011 08:34:53	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		33063:50:002F	03-010/20:25:24	1ECd
3119	011 08:34:53	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0859	DTR		33063:50:002F	03-010/20:25:24	1ESd
3120	011 10:38:58	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		33066:25:090F	03-010/22:29:29	1ECd
3121	011 10:38:58	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3540	DTR		33066:25:090F	03-010/22:29:29	1ESd

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
3122	011 11:34:53	31			CC16C	(7022) DTR STATE SELECT: READY	DTR		33067:35:002F	03-010/23:25:24	1ECd
3123	011 11:34:53	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:2 TIC:3540	DTR	33067:35:002F	03-010/23:25:24	1ESd	
3124	011 11:44:21	31	10RISE			10.2 DEGREE RISE DSC-10					1V
3125	011 12:00:00	31				VGR-31 OWLT IS 12H 09M 29S					1L
3126	011 13:20:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9284 (D/L ONLY)					1DP
3127	011 13:20:00	31				CFG CODES					1DP
3128	011 15:20:37	31	60 SET			14.4 DEGREE SET DSC-60					1V
3129	011 15:35:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9285 (D/L ONLY)					1DP
3130	011 15:35:00	31				CFG CODES					1DP
3131	011 15:55:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9284					1DP
3132	011 19:09:26	31	40RISE			10.2 DEGREE RISE DSC-40					1V
3133	011 22:25:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9285					1DP
3134	011 23:09:15	31	10 SET			10.2 DEGREE SET DSC-10					1V
3135	012 00:00:00	31				VGR-31 OWLT IS 12H 09M 29S					1L
3136	012 04:07:57	31	60RISE			10.2 DEGREE RISE DSC-60					1V
3137	012 04:15:09	31	40 SET			10.2 DEGREE SET DSC-40					1V
3138	012 11:40:27	31	10RISE			10.2 DEGREE RISE DSC-10					1V
3139	012 12:00:00	31				VGR-31 OWLT IS 12H 09M 29S					1L
3140	012 13:15:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9285 (D/L ONLY)					1DP
3141	012 13:15:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
3142	012 15:16:43	31	60 SET			14.4 DEGREE SET DSC-60					1V
3143	012 15:30:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9286 (D/L ONLY)					1DP
3144	012 15:30:00	31				CFG CODES					1DP
3145	012 15:50:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9285					1DP
3146	012 19:05:33	31	40RISE			10.2 DEGREE RISE DSC-40					1V
3147	012 21:38:05	31			AC7SSB	(3 +001) SS BIAS CONTROL - PITCH	AACS		33110:09:003F	03-012/09:28:36	1ECa
3148	012 22:15:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9286					1DP
3149	012 23:05:22	31	10 SET			10.2 DEGREE SET DSC-10					1V
3150	013 00:00:00	31				VGR-31 OWLT IS 12H 09M 29S					1L
3151	013 04:04:03	31	60RISE			10.2 DEGREE RISE DSC-60					1V
3152	013 04:11:15	31	40 SET			10.2 DEGREE SET DSC-40					1V
3153	013 11:36:33	31	10RISE			10.2 DEGREE RISE DSC-10					1V
3154	013 12:00:00	31				VGR-31 OWLT IS 12H 09M 29S					1L
3155	013 15:12:49	31	60 SET			14.4 DEGREE SET DSC-60					1V
3156	013 18:45:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9287 (D/L ONLY)					1DP
3157	013 18:45:00	31				CFG CODES					1DP
3158	013 19:01:40	31	40RISE			10.2 DEGREE RISE DSC-40					1V
3159	013 21:18:53	31				FINAL SPACECRAFT STATUS			33139:44:785F	03-013/09:09:23	1TI
3160	013 21:18:53	31				RADIO STATUS			33139:44:785F	03-013/09:09:23	1TI
3161	013 21:18:53	31			DC2AR	S-BAND RANGING OFF			33139:44:785F	03-013/09:09:23	1TI
3162	013 21:18:53	31			DC2DR	S-BAND LO PWR			33139:44:785F	03-013/09:09:23	1TI
3163	013 21:18:53	31			DC2HR	X-BAND LO PWR			33139:44:785F	03-013/09:09:23	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
3164	013 21:18:53	31			DC2N	X-BAND RANGING ON			33139:44:785F	03-013/09:09:23	1TI
3165	013 21:18:53	31			DC2P	2 WAY NON-COHERENT ON			33139:44:785F	03-013/09:09:23	1TI
3166	013 21:18:53	31			DC2QR	USO OFF			33139:44:785F	03-013/09:09:23	1TI
3167	013 21:18:53	31			CC2BRP	S-BAND EXC-2 SEL			33139:44:785F	03-013/09:09:23	1TI
3168	013 21:18:53	31			CC2CRP	S-BAND TRANS-2 SEL			33139:44:785F	03-013/09:09:23	1TI
3169	013 21:18:53	31			CC2FP	RCVR-1 SEL			33139:44:785F	03-013/09:09:23	1TI
3170	013 21:18:53	31			CC2JP	X-BAND EXC-1 SEL			33139:44:785F	03-013/09:09:23	1TI
3171	013 21:18:53	31			CC2GP	X-BAND ON			33139:44:785F	03-013/09:09:23	1TI
3172	013 21:18:53	31			CC2KRP	S-BAND OFF			33139:44:785F	03-013/09:09:23	1TI
3173	013 21:18:53	31			CC2LP	X-BAND TWTA-1 SEL			33139:44:785F	03-013/09:09:23	1TI
3174	013 21:18:53	31			CC2MP	S-BAND EXC ON			33139:44:785F	03-013/09:09:23	1TI
3175	013 21:18:53	31			DC2E	HGA SELECT			33139:44:785F	03-013/09:09:23	1TI
3176	013 21:18:53	31			CC1T	BAY 1 HTR ON			33139:44:785F	03-013/09:09:23	1TI
3177	013 21:18:53	31				MDS STATUS			33139:44:785F	03-013/09:09:23	1TI
3178	013 21:18:53	31			CC3BP	TMU ON			33139:44:785F	03-013/09:09:23	1TI
3179	013 21:18:53	31			CC3GP	TMU-A SEL			33139:44:785F	03-013/09:09:23	1TI
3180	013 21:18:53	31			CC3HP	CDU-A SEL			33139:44:785F	03-013/09:09:23	1TI
3181	013 21:18:53	31			CC3A	32310 X-BAND			33139:44:785F	03-013/09:09:23	1TI
3182	013 21:18:53	31			CC3A	28301 S-BAND			33139:44:785F	03-013/09:09:23	1TI
3183	013 21:18:53	31				POWER STATUS			33139:44:785F	03-013/09:09:23	1TI
3184	013 21:18:53	31			CC4A	UNDERVOLTAGE TRIP RESET			33139:44:785F	03-013/09:09:23	1TI
3185	013 21:18:53	31			CC4K	RTG-1 DIODE BYPASS ON			33139:44:785F	03-013/09:09:23	1TI
3186	013 21:18:53	31			CC4L	RTG-2 DIODE BYPASS ON			33139:44:785F	03-013/09:09:23	1TI

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
3187	013 21:18:53	31			CC4M	RTG-3 DIODE BYPASS ON			33139:44:785F	03-013/09:09:23	1TI
3188	013 21:18:53	31				CCS STATUS			33139:44:785F	03-013/09:09:23	1TI
3189	013 21:18:53	31			DC5AR	CCS TOL DET ENABLE			33139:44:785F	03-013/09:09:23	1TI
3190	013 21:18:53	31				FDS STATUS			33139:44:785F	03-013/09:09:23	1TI
3191	013 21:18:53	31			CC6CP	FDS ON/ISS PWR ENABLE			33139:44:785F	03-013/09:09:23	1TI
3192	013 21:18:53	31			CC6AA	1 SVC-W1			33139:44:785F	03-013/09:09:23	1TI
3193	013 21:18:53	31			CC6AD	3200 SVC-W4			33139:44:785F	03-013/09:09:23	1TI
3194	013 21:18:53	31			CC6AE	30011 SVC-W5			33139:44:785F	03-013/09:09:23	1TI
3195	013 21:18:53	31			CC6AP	FDS PWR CONV A SEL			33139:44:785F	03-013/09:09:23	1TI
3196	013 21:18:53	31			CC6AB	01000 SVC-W2			33139:44:785F	03-013/09:09:23	1TI
3197	013 21:18:53	31			SC06BB	530070 FDS DATA MODE			33139:44:785F	03-013/09:09:23	1TI
3198	013 21:18:53	31				AACS STATUS			33139:44:785F	03-013/09:09:23	1TI
3199	013 21:18:53	31			AC7PCG	14 HYBIC 2 PWR ON			33139:44:785F	03-013/09:09:23	1TI
3200	013 21:18:53	31			CC7ML	05 CST ON			33139:44:785F	03-013/09:09:23	1TI
3201	013 21:18:53	31			AC7CTG	10 394 CST HI GATE			33139:44:785F	03-013/09:09:23	1TI
3202	013 21:18:53	31			AC7CTG	11 442 CST LO GATE			33139:44:785F	03-013/09:09:23	1TI
3203	013 21:18:53	31			AC7GYP	111 GYRO PATTERN			33139:44:785F	03-013/09:09:23	1TI
3204	013 21:18:53	31			AC7PCG	52 GYRO A OFF			33139:44:785F	03-013/09:09:23	1TI
3205	013 21:18:53	31			AC7PCG	62 GYRO B OFF			33139:44:785F	03-013/09:09:23	1TI
3206	013 21:18:53	31			AC7PCG	72 GYRO C OFF			33139:44:785F	03-013/09:09:23	1TI
3207	013 21:18:53	31			AC7PAR	7530 000000 GYRO OFF NORM			33139:44:785F	03-013/09:09:23	1TI
3208	013 21:18:53	31			AC7PAR	6740 000740 PITCH DEADBAND			33139:44:785F	03-013/09:09:23	1TI
3209	013 21:18:53	31			AC7PAR	6741 001700 YAW DEADBAND			33139:44:785F	03-013/09:09:23	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
3210	013 21:18:53	31			AC7PAR	6742 004540 ROLL DEADBAND			33139:44:785F	03-013/09:09:23	1TI
3211	013 21:18:53	31			DEADBAND	DEAD BAND STATE: 05 10 25			33139:44:785F	03-013/09:09:23	1TI
3212	013 21:18:53	31			CC7SS	1 AACS TO RAI			33139:44:785F	03-013/09:09:23	1TI
3213	013 21:18:53	31			CC7CT	01 CST CONE ANGLE 1			33139:44:785F	03-013/09:09:23	1TI
3214	013 21:18:53	31			AC7DDB	000480 DEAD BAND CONTROL			33139:44:785F	03-013/09:09:23	1TI
3215	013 21:18:53	31			CC7AHRP	SS HTR A OFF			33139:44:785F	03-013/09:09:23	1TI
3216	013 21:18:53	31			CC7BHP	SS HTR B ON			33139:44:785F	03-013/09:09:23	1TI
3217	013 21:18:53	31			CC7ML	01 FDS CHAN A			33139:44:785F	03-013/09:09:23	1TI
3218	013 21:18:53	31			CC7ML	09 TCAPU FAULT ENA			33139:44:785F	03-013/09:09:23	1TI
3219	013 21:18:53	31			AC7PCG	61 AACS BAY 6 HTR A OFF			33139:44:785F	03-013/09:09:23	1TI
3220	013 21:18:53	31			AC7PCG	71 AACS BAY 6 HTR B OFF			33139:44:785F	03-013/09:09:23	1TI
3221	013 21:18:53	31			CC7MMRP	PROC/MEM 2 SELECT			33139:44:785F	03-013/09:09:23	1TI
3222	013 21:18:53	31			CC7SHP	AZ SCAN ACTUATOR HTR ON			33139:44:785F	03-013/09:09:23	1TI
3223	013 21:18:53	31			AC7PCG	22 CST SUN SHUTTER OFF			33139:44:785F	03-013/09:09:23	1TI
3224	013 21:18:53	31			AC7PCG	10 ISO VALVE BRANCH 1 OFF			33139:44:785F	03-013/09:09:23	1TI
3225	013 21:18:53	31			AC7PCG	20 ISO VALVE BRANCH 2 OFF			33139:44:785F	03-013/09:09:23	1TI
3226	013 21:18:53	31			CC1PHRP	SCAN PLAT SUPL HTR OFF			33139:44:785F	03-013/09:09:23	1TI
3227	013 21:18:53	31			CC77MRP	MAM OFF			33139:44:785F	03-013/09:09:23	1TI
3228	013 21:18:53	31			DC77PR	NON-PRIME FCP/MEM OFF			33139:44:785F	03-013/09:09:23	1TI
3229	013 21:18:53	31			DC77XR	MAM COMMAND DISABLE			33139:44:785F	03-013/09:09:23	1TI
3230	013 21:18:53	31				PYRO STATUS			33139:44:785F	03-013/09:09:23	1TI
3231	013 21:18:53	31			CC8D	PSU INSTRUMENTATION ON			33139:44:785F	03-013/09:09:23	1TI
3232	013 21:18:53	31			DC8XR	PYRO DISABLE			33139:44:785F	03-013/09:09:23	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
3233	013 21:18:53	31				PROPULSION STATUS			33139:44:785F	03-013/09:09:23	1TI
3234	013 21:18:53	31			CC10CRP	TCM HTR OFF			33139:44:785F	03-013/09:09:23	1TI
3235	013 21:18:53	31			CC10DR	AP BR1 HTR OFF			33139:44:785F	03-013/09:09:23	1TI
3236	013 21:18:53	31			CC10ER	AP BR2 HTR OFF			33139:44:785F	03-013/09:09:23	1TI
3237	013 21:18:53	31			CC10TRP	TCM LINE HTRS OFF			33139:44:785F	03-013/09:09:23	1TI
3238	013 21:18:53	31				DSS STATUS			33139:44:785F	03-013/09:09:23	1TI
3239	013 21:18:53	31			CC16BR	DSS 10 W REPL HTR OFF			33139:44:785F	03-013/09:09:23	1TI
3240	013 21:18:53	31			CC16AP	DSS ON			33139:44:785F	03-013/09:09:23	1TI
3241	013 21:18:53	31			CC1DR	BAY 2 19 W HTR OFF			33139:44:785F	03-013/09:09:23	1TI
3242	013 21:18:53	31			CC16C	7222 DSS CONTROL			33139:44:785F	03-013/09:09:23	1TI
3243	013 21:18:53	31				SCIENCE PWR STATUS			33139:44:785F	03-013/09:09:23	1TI
3244	013 21:18:53	31			CC1CR	MAG COIL OFF			33139:44:785F	03-013/09:09:23	1TI
3245	013 21:18:53	31			CC21A	CRS ON			33139:44:785F	03-013/09:09:23	1TI
3246	013 21:18:53	31			CC21B	CRS REPL HTR ON			33139:44:785F	03-013/09:09:23	1TI
3247	013 21:18:53	31			CC21CR	CRS SUPP HTR OFF			33139:44:785F	03-013/09:09:23	1TI
3248	013 21:18:53	31			CC22A	PRA ON			33139:44:785F	03-013/09:09:23	1TI
3249	013 21:18:53	31			CC23A	PWS ON			33139:44:785F	03-013/09:09:23	1TI
3250	013 21:18:53	31			CC25A	LECP ON			33139:44:785F	03-013/09:09:23	1TI
3251	013 21:18:53	31			CC25B	LECP STEPPER MOTOR ON			33139:44:785F	03-013/09:09:23	1TI
3252	013 21:18:53	31			CC25CR	LECP REPL HTR OFF			33139:44:785F	03-013/09:09:23	1TI
3253	013 21:18:53	31			CC25D	LECP MAIN SUPP HTR ON			33139:44:785F	03-013/09:09:23	1TI
3254	013 21:18:53	31			CC25E	LECP LEPT SUPP HTR ON			33139:44:785F	03-013/09:09:23	1TI
3255	013 21:18:53	31			CC27BR	PPS SUPP HTR OFF			33139:44:785F	03-013/09:09:23	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
3256	013 21:18:53	31			CC32A	PLS ON			33139:44:785F	03-013/09:09:23	1TI
3257	013 21:18:53	31			CC32BR	PLS SUPP HTR OFF			33139:44:785F	03-013/09:09:23	1TI
3258	013 21:18:53	31			CC32C	PLS REPL HTR ON			33139:44:785F	03-013/09:09:23	1TI
3259	013 21:18:53	31			CC34A	UVS ON			33139:44:785F	03-013/09:09:23	1TI
3260	013 21:18:53	31			CC34B	UVS REPL HTR ON			33139:44:785F	03-013/09:09:23	1TI
3261	013 21:18:53	31			CC35AR	MAG OFF			33139:44:785F	03-013/09:09:23	1TI
3262	013 21:18:53	31			CC35B	MAG STANDBY ON			33139:44:785F	03-013/09:09:23	1TI
3263	013 21:18:53	31			CC35GR	MAG SENSOR HTR OFF			33139:44:785F	03-013/09:09:23	1TI
3264	013 21:18:53	31			CC36GR	ISS WA VID REPL HTR OFF			33139:44:785F	03-013/09:09:23	1TI
3265	013 21:18:53	31			CC36H	ISS WA ELEC REPL HTR ON			33139:44:785F	03-013/09:09:23	1TI
3266	013 21:18:53	31			CC36CRP	ISS NA OPTICS HTR OFF			33139:44:785F	03-013/09:09:23	1TI
3267	013 21:18:53	31			CC36FRP	ISS NA VID REPL HTR OFF			33139:44:785F	03-013/09:09:23	1TI
3268	013 21:18:53	31			CC36JP	ISS NA ELEC REPL HTR ON			33139:44:785F	03-013/09:09:23	1TI
3269	013 21:18:53	31			CC39D	IRIS REPL HTR ON			33139:44:785F	03-013/09:09:23	1TI
3270	013 21:18:53	31			CC39FR	IRIS STANDBY A SUPPLY OFF			33139:44:785F	03-013/09:09:23	1TI
3271	013 21:18:53	31			CC39BR	IRIS STANDBY B SUPPLY OFF			33139:44:785F	03-013/09:09:23	1TI
3272	013 21:18:53	31				SCIENCE INSTRUMENT STATUS			33139:44:785F	03-013/09:09:23	1TI
3273	013 21:18:53	31			SC21AF	01000 CRS CMD WORD			33139:44:785F	03-013/09:09:23	1TI
3274	013 21:18:53	31			SC21AF	02000 CRS CMD WORD			33139:44:785F	03-013/09:09:23	1TI
3275	013 21:18:53	31			SC21AF	03000 CRS CMD WORD			33139:44:785F	03-013/09:09:23	1TI
3276	013 21:18:53	31			SC21AF	04000 CRS CMD WORD			33139:44:785F	03-013/09:09:23	1TI
3277	013 21:18:53	31			SC21AF	05300 CRS CMD WORD			33139:44:785F	03-013/09:09:23	1TI
3278	013 21:18:53	31			SC21AF	06000 CRS CMD WORD			33139:44:785F	03-013/09:09:23	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
3279	013 21:18:53	31			SC21AF	07200 CRS CMD WORD			33139:44:785F	03-013/09:09:23	1TI
3280	013 21:18:53	31			SC21AF	08200 CRS CMD WORD			33139:44:785F	03-013/09:09:23	1TI
3281	013 21:18:53	31			SC21AF	10000 CRS CMD WORD			33139:44:785F	03-013/09:09:23	1TI
3282	013 21:18:53	31			SC21AF	11000 CRS CMD WORD			33139:44:785F	03-013/09:09:23	1TI
3283	013 21:18:53	31			SC21AF	12000 CRS CMD WORD			33139:44:785F	03-013/09:09:23	1TI
3284	013 21:18:53	31			SC21AF	13012 CRS CMD WORD			33139:44:785F	03-013/09:09:23	1TI
3285	013 21:18:53	31			SC21AG	CRS HV FLAG			33139:44:785F	03-013/09:09:23	1TI
3286	013 21:18:53	31			SC21AH	CRS CAL-ST FLAG			33139:44:785F	03-013/09:09:23	1TI
3287	013 21:18:53	31			SC22AF	1347 PRA CONFIGURATION CMD			33139:44:785F	03-013/09:09:23	1TI
3288	013 21:18:53	31			SC22NU	0000 PRA MODE SELECT			33139:44:785F	03-013/09:09:23	1TI
3289	013 21:18:53	31			SC23AD	5 PWS CMD WORD			33139:44:785F	03-013/09:09:23	1TI
3290	013 21:18:53	31			SC25AH	1777 LECP CMD WORD			33139:44:785F	03-013/09:09:23	1TI
3291	013 21:18:53	31			SC25AH	2417 LECP CMD WORD			33139:44:785F	03-013/09:09:23	1TI
3292	013 21:18:53	31			SC25AH	5600 LECP CMD WORD			33139:44:785F	03-013/09:09:23	1TI
3293	013 21:18:53	31			SC25AH	6032 LECP CMD WORD			33139:44:785F	03-013/09:09:23	1TI
3294	013 21:18:53	31			SC25AJ	1 LECP MOTOR STEP CMD			33139:44:785F	03-013/09:09:23	1TI
3295	013 21:18:53	31			SC25AN	0 LECP NEAR/FAR ENC			33139:44:785F	03-013/09:09:23	1TI
3296	013 21:18:53	31			SC25AQ	5200 LECP SAFE CMD			33139:44:785F	03-013/09:09:23	1TI
3297	013 21:18:53	31			SC32AF	2 PLS E1 INT/AMP GAIN			33139:44:785F	03-013/09:09:23	1TI
3298	013 21:18:53	31			SC32AG	2 PLS E2 INT/AMP GAIN			33139:44:785F	03-013/09:09:23	1TI
3299	013 21:18:53	31			SC32AH	3 PLS M INT/AMP GAIN			33139:44:785F	03-013/09:09:23	1TI
3300	013 21:18:53	31			SC32AJ	11 PLS CONFIG CMD			33139:44:785F	03-013/09:09:23	1TI
3301	013 21:18:53	31			SC32AK	2 PLS L INT/AMP GAIN			33139:44:785F	03-013/09:09:23	1TI

FINAL SEQUENCE FOR JST A045 (TOL/A045F - EVTSDR/A045AA)

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
3302	013 21:18:53	31			SC32AL	216 PLS M START WORD 1			33139:44:785F	03-013/09:09:23	1TI
3303	013 21:18:53	31			SC32AM	216 PLS M START WORD 2			33139:44:785F	03-013/09:09:23	1TI
3304	013 21:18:53	31			SC32AN	2 PLS M MODE			33139:44:785F	03-013/09:09:23	1TI
3305	013 21:18:53	31			SC32AP	3 PLS E1 SHRT			33139:44:785F	03-013/09:09:23	1TI
3306	013 21:18:53	31			SC32AQ	3 PLS E2 SHRT			33139:44:785F	03-013/09:09:23	1TI
3307	013 21:18:53	31			SC32AR	3 PLS L SHORT			33139:44:785F	03-013/09:09:23	1TI
3308	013 21:18:53	31			SC32AS	2 PLS E1 LONG			33139:44:785F	03-013/09:09:23	1TI
3309	013 21:18:53	31			SC32AT	2 PLS E2 LONG			33139:44:785F	03-013/09:09:23	1TI
3310	013 21:18:53	31			SC32AU	2 PLS L LONG			33139:44:785F	03-013/09:09:23	1TI
3311	013 21:18:53	31			SC34AE	13 UVS MODE/HV LEVEL			33139:44:785F	03-013/09:09:23	1TI
3312	013 21:18:53	31			SC34AF	0 UVS READ OUT FLAG			33139:44:785F	03-013/09:09:23	1TI
3313	013 21:18:53	31			SC35AI	030001 MAG HFM/EL FLIP/IFC/LFM			33139:44:785F	03-013/09:09:23	1TI
3314	013 21:18:53	31			SC35AO	030001 MAG HFM/PRIME/IFC/LFM RAN			33139:44:785F	03-013/09:09:23	1TI