

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT 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	105 20:46:39	31				INITIAL SPACECRAFT STATUS			24949:44:785F	02-105/09:09:23	1TI
2	105 20:46:39	31				RADIO STATUS			24949:44:785F	02-105/09:09:23	1TI
3	105 20:46:39	31			DC2AR	S-BAND RANGING OFF			24949:44:785F	02-105/09:09:23	1TI
4	105 20:46:39	31			DC2DR	S-BAND LO PWR			24949:44:785F	02-105/09:09:23	1TI
5	105 20:46:39	31			DC2HR	X-BAND LO PWR			24949:44:785F	02-105/09:09:23	1TI
6	105 20:46:39	31			DC2N	X-BAND RANGING ON			24949:44:785F	02-105/09:09:23	1TI
7	105 20:46:39	31			DC2P	2 WAY NON-COHERENT ON			24949:44:785F	02-105/09:09:23	1TI
8	105 20:46:39	31			DC2QR	USO OFF			24949:44:785F	02-105/09:09:23	1TI
9	105 20:46:39	31			CC2BRP	S-BAND EXC-2 SEL			24949:44:785F	02-105/09:09:23	1TI
10	105 20:46:39	31			CC2CRP	S-BAND TRANS-2 SEL			24949:44:785F	02-105/09:09:23	1TI
11	105 20:46:39	31			CC2FP	RCVR-1 SEL			24949:44:785F	02-105/09:09:23	1TI
12	105 20:46:39	31			CC2JP	X-BAND EXC-1 SEL			24949:44:785F	02-105/09:09:23	1TI
13	105 20:46:39	31			CC2GP	X-BAND ON			24949:44:785F	02-105/09:09:23	1TI
14	105 20:46:39	31			CC2KRP	S-BAND OFF			24949:44:785F	02-105/09:09:23	1TI
15	105 20:46:39	31			CC2LP	X-BAND TWTA-1 SEL			24949:44:785F	02-105/09:09:23	1TI
16	105 20:46:39	31			CC2MP	S-BAND EXC ON			24949:44:785F	02-105/09:09:23	1TI
17	105 20:46:39	31			DC2E	HGA SELECT			24949:44:785F	02-105/09:09:23	1TI
18	105 20:46:39	31			CC1T	BAY 1 HTR ON			24949:44:785F	02-105/09:09:23	1TI
19	105 20:46:39	31				MDS STATUS			24949:44:785F	02-105/09:09:23	1TI
20	105 20:46:39	31			CC3BP	TMU ON			24949:44:785F	02-105/09:09:23	1TI
21	105 20:46:39	31			CC3GP	TMU-A SEL			24949:44:785F	02-105/09:09:23	1TI
22	105 20:46:39	31			CC3HP	CDU-A SEL			24949:44:785F	02-105/09:09:23	1TI
23	105 20:46:39	31			CC3A	32310 X-BAND			24949:44:785F	02-105/09:09:23	1TI

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24	105 20:46:39	31			CC3A	28301 S-BAND			24949:44:785F	02-105/09:09:23	1TI
25	105 20:46:39	31				POWER STATUS			24949:44:785F	02-105/09:09:23	1TI
26	105 20:46:39	31			CC4A	UNDERVOLTAGE TRIP RESET			24949:44:785F	02-105/09:09:23	1TI
27	105 20:46:39	31			CC4K	RTG-1 DIODE BYPASS ON			24949:44:785F	02-105/09:09:23	1TI
28	105 20:46:39	31			CC4L	RTG-2 DIODE BYPASS ON			24949:44:785F	02-105/09:09:23	1TI
29	105 20:46:39	31			CC4M	RTG-3 DIODE BYPASS ON			24949:44:785F	02-105/09:09:23	1TI
30	105 20:46:39	31				CCS STATUS			24949:44:785F	02-105/09:09:23	1TI
31	105 20:46:39	31			DC5AR	CCS TOL DET ENABLE			24949:44:785F	02-105/09:09:23	1TI
32	105 20:46:39	31				FDS STATUS			24949:44:785F	02-105/09:09:23	1TI
33	105 20:46:39	31			CC6CP	FDS ON/ISS PWR ENABLE			24949:44:785F	02-105/09:09:23	1TI
34	105 20:46:39	31			CC6AA	1 SVC-W1			24949:44:785F	02-105/09:09:23	1TI
35	105 20:46:39	31			CC6AD	814808277 SVC-W4			24949:44:785F	02-105/09:09:23	1TI
36	105 20:46:39	31			CC6AE	30011 SVC-W5			24949:44:785F	02-105/09:09:23	1TI
37	105 20:46:39	31			CC6AP	FDS PWR CONV A SEL			24949:44:785F	02-105/09:09:23	1TI
38	105 20:46:39	31			CC6AB	01010 SVC-W2			24949:44:785F	02-105/09:09:23	1TI
39	105 20:46:39	31			SC06BB	530070 FDS DATA MODE			24949:44:785F	02-105/09:09:23	1TI
40	105 20:46:39	31				AACS STATUS			24949:44:785F	02-105/09:09:23	1TI
41	105 20:46:39	31			AC7PCG	14 HYBIC 2 PWR ON			24949:44:785F	02-105/09:09:23	1TI
42	105 20:46:39	31			CC7ML	05 CST ON			24949:44:785F	02-105/09:09:23	1TI
43	105 20:46:39	31			AC7CTG	10 394 CST HI GATE			24949:44:785F	02-105/09:09:23	1TI
44	105 20:46:39	31			AC7CTG	11 442 CST LO GATE			24949:44:785F	02-105/09:09:23	1TI
45	105 20:46:39	31			AC7GYP	000 GYRO PATTERN			24949:44:785F	02-105/09:09:23	1TI
46	105 20:46:39	31			AC7PCG	52 GYRO A OFF			24949:44:785F	02-105/09:09:23	1TI

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47	105 20:46:39	31			AC7PCG	62 GYRO B OFF			24949:44:785F	02-105/09:09:23	1TI
48	105 20:46:39	31			AC7PCG	72 GYRO C OFF			24949:44:785F	02-105/09:09:23	1TI
49	105 20:46:39	31			AC7PAR	7530 000000 GYRO OFF NORM			24949:44:785F	02-105/09:09:23	1TI
50	105 20:46:39	31			AC7PAR	6740 000740 PITCH DEADBAND			24949:44:785F	02-105/09:09:23	1TI
51	105 20:46:39	31			AC7PAR	6741 001700 YAW DEADBAND			24949:44:785F	02-105/09:09:23	1TI
52	105 20:46:39	31			AC7PAR	6742 004540 ROLL DEADBAND			24949:44:785F	02-105/09:09:23	1TI
53	105 20:46:39	31			DEADBAND	DEAD BAND STATE: 05 10 25			24949:44:785F	02-105/09:09:23	1TI
54	105 20:46:39	31			CC7SS	1 AACS TO RAI			24949:44:785F	02-105/09:09:23	1TI
55	105 20:46:39	31			CC7CT	01 CST CONE ANGLE 1			24949:44:785F	02-105/09:09:23	1TI
56	105 20:46:39	31			AC7DDB	000480 DEAD BAND CONTROL			24949:44:785F	02-105/09:09:23	1TI
57	105 20:46:39	31			CC7AHRP	SS HTR A OFF			24949:44:785F	02-105/09:09:23	1TI
58	105 20:46:39	31			CC7BHP	SS HTR B ON			24949:44:785F	02-105/09:09:23	1TI
59	105 20:46:39	31			CC7ML	01 FDS CHAN A			24949:44:785F	02-105/09:09:23	1TI
60	105 20:46:39	31			CC7ML	09 TCAPU FAULT ENA			24949:44:785F	02-105/09:09:23	1TI
61	105 20:46:39	31			AC7PCG	61 AACS BAY 6 HTR A OFF			24949:44:785F	02-105/09:09:23	1TI
62	105 20:46:39	31			AC7PCG	71 AACS BAY 6 HTR B OFF			24949:44:785F	02-105/09:09:23	1TI
63	105 20:46:39	31			CC7MMRP	PROC/MEM 2 SELECT			24949:44:785F	02-105/09:09:23	1TI
64	105 20:46:39	31			CC7SHP	AZ SCAN ACTUATOR HTR ON			24949:44:785F	02-105/09:09:23	1TI
65	105 20:46:39	31			AC7PCG	22 CST SUN SHUTTER OFF			24949:44:785F	02-105/09:09:23	1TI
66	105 20:46:39	31			AC7PCG	10 ISO VALVE BRANCH 1 OFF			24949:44:785F	02-105/09:09:23	1TI
67	105 20:46:39	31			AC7PCG	20 ISO VALVE BRANCH 2 OFF			24949:44:785F	02-105/09:09:23	1TI
68	105 20:46:39	31			CC1PHRP	SCAN PLAT SUPL HTR OFF			24949:44:785F	02-105/09:09:23	1TI
69	105 20:46:39	31			CC77MRP	MAM OFF			24949:44:785F	02-105/09:09:23	1TI

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70	105 20:46:39	31			DC77PR	NON-PRIME FCP/MEM OFF			24949:44:785F	02-105/09:09:23	1TI
71	105 20:46:39	31			DC77XR	MAM COMMAND DISABLE			24949:44:785F	02-105/09:09:23	1TI
72	105 20:46:39	31				PYRO STATUS			24949:44:785F	02-105/09:09:23	1TI
73	105 20:46:39	31			CC8D	PSU INSTRUMENTATION ON			24949:44:785F	02-105/09:09:23	1TI
74	105 20:46:39	31			DC8XR	PYRO DISABLE			24949:44:785F	02-105/09:09:23	1TI
75	105 20:46:39	31				PROPULSION STATUS			24949:44:785F	02-105/09:09:23	1TI
76	105 20:46:39	31			CC10CRP	TCM HTR OFF			24949:44:785F	02-105/09:09:23	1TI
77	105 20:46:39	31			CC10DR	AP BR1 HTR OFF			24949:44:785F	02-105/09:09:23	1TI
78	105 20:46:39	31			CC10ER	AP BR2 HTR OFF			24949:44:785F	02-105/09:09:23	1TI
79	105 20:46:39	31			CC10TRP	TCM LINE HTRS OFF			24949:44:785F	02-105/09:09:23	1TI
80	105 20:46:39	31				DSS STATUS			24949:44:785F	02-105/09:09:23	1TI
81	105 20:46:39	31			CC16BR	DSS 10 W REPL HTR OFF			24949:44:785F	02-105/09:09:23	1TI
82	105 20:46:39	31			CC16AP	DSS ON			24949:44:785F	02-105/09:09:23	1TI
83	105 20:46:39	31			CC1DR	BAY 2 19 W HTR OFF			24949:44:785F	02-105/09:09:23	1TI
84	105 20:46:39	31			CC16C	7213 DSS CONTROL			24949:44:785F	02-105/09:09:23	1TI
85	105 20:46:39	31				SCIENCE PWR STATUS			24949:44:785F	02-105/09:09:23	1TI
86	105 20:46:39	31			CC1CR	MAG COIL OFF			24949:44:785F	02-105/09:09:23	1TI
87	105 20:46:39	31			CC21A	CRS ON			24949:44:785F	02-105/09:09:23	1TI
88	105 20:46:39	31			CC21B	CRS REPL HTR ON			24949:44:785F	02-105/09:09:23	1TI
89	105 20:46:39	31			CC21CR	CRS SUPP HTR OFF			24949:44:785F	02-105/09:09:23	1TI
90	105 20:46:39	31			CC22A	PRA ON			24949:44:785F	02-105/09:09:23	1TI
91	105 20:46:39	31			CC23A	PWS ON			24949:44:785F	02-105/09:09:23	1TI
92	105 20:46:39	31			CC25A	LECP ON			24949:44:785F	02-105/09:09:23	1TI

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
93	105 20:46:39	31			CC25B	LECP STEPPER MOTOR ON			24949:44:785F	02-105/09:09:23	1TI
94	105 20:46:39	31			CC25CR	LECP REPL HTR OFF			24949:44:785F	02-105/09:09:23	1TI
95	105 20:46:39	31			CC25D	LECP MAIN SUPP HTR ON			24949:44:785F	02-105/09:09:23	1TI
96	105 20:46:39	31			CC25E	LECP LEPT SUPP HTR ON			24949:44:785F	02-105/09:09:23	1TI
97	105 20:46:39	31			CC27BR	PPS SUPP HTR OFF			24949:44:785F	02-105/09:09:23	1TI
98	105 20:46:39	31			CC32A	PLS ON			24949:44:785F	02-105/09:09:23	1TI
99	105 20:46:39	31			CC32BR	PLS SUPP HTR OFF			24949:44:785F	02-105/09:09:23	1TI
100	105 20:46:39	31			CC32C	PLS REPL HTR ON			24949:44:785F	02-105/09:09:23	1TI
101	105 20:46:39	31			CC34A	UVS ON			24949:44:785F	02-105/09:09:23	1TI
102	105 20:46:39	31			CC34B	UVS REPL HTR ON			24949:44:785F	02-105/09:09:23	1TI
103	105 20:46:39	31			CC35AR	MAG OFF			24949:44:785F	02-105/09:09:23	1TI
104	105 20:46:39	31			CC35B	MAG STANDBY ON			24949:44:785F	02-105/09:09:23	1TI
105	105 20:46:39	31			CC35GR	MAG SENSOR HTR OFF			24949:44:785F	02-105/09:09:23	1TI
106	105 20:46:39	31			CC36GR	ISS WA VID REPL HTR OFF			24949:44:785F	02-105/09:09:23	1TI
107	105 20:46:39	31			CC36H	ISS WA ELEC REPL HTR ON			24949:44:785F	02-105/09:09:23	1TI
108	105 20:46:39	31			CC36CRP	ISS NA OPTICS HTR OFF			24949:44:785F	02-105/09:09:23	1TI
109	105 20:46:39	31			CC36FRP	ISS NA VID REPL HTR OFF			24949:44:785F	02-105/09:09:23	1TI
110	105 20:46:39	31			CC36JP	ISS NA ELEC REPL HTR ON			24949:44:785F	02-105/09:09:23	1TI
111	105 20:46:39	31			CC39D	IRIS REPL HTR ON			24949:44:785F	02-105/09:09:23	1TI
112	105 20:46:39	31			CC39FR	IRIS STANDBY A SUPPLY OFF			24949:44:785F	02-105/09:09:23	1TI
113	105 20:46:39	31			CC39BR	IRIS STANDBY B SUPPLY OFF			24949:44:785F	02-105/09:09:23	1TI
114	105 20:46:39	31				SCIENCE INSTRUMENT STATUS			24949:44:785F	02-105/09:09:23	1TI
115	105 20:46:39	31			SC21AF	01000 CRS CMD WORD			24949:44:785F	02-105/09:09:23	1TI

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116	105 20:46:39	31			SC21AF	02000 CRS CMD WORD			24949:44:785F	02-105/09:09:23	1TI
117	105 20:46:39	31			SC21AF	03000 CRS CMD WORD			24949:44:785F	02-105/09:09:23	1TI
118	105 20:46:39	31			SC21AF	04000 CRS CMD WORD			24949:44:785F	02-105/09:09:23	1TI
119	105 20:46:39	31			SC21AF	05200 CRS CMD WORD			24949:44:785F	02-105/09:09:23	1TI
120	105 20:46:39	31			SC21AF	06000 CRS CMD WORD			24949:44:785F	02-105/09:09:23	1TI
121	105 20:46:39	31			SC21AF	07200 CRS CMD WORD			24949:44:785F	02-105/09:09:23	1TI
122	105 20:46:39	31			SC21AF	08200 CRS CMD WORD			24949:44:785F	02-105/09:09:23	1TI
123	105 20:46:39	31			SC21AF	10000 CRS CMD WORD			24949:44:785F	02-105/09:09:23	1TI
124	105 20:46:39	31			SC21AF	11000 CRS CMD WORD			24949:44:785F	02-105/09:09:23	1TI
125	105 20:46:39	31			SC21AF	12000 CRS CMD WORD			24949:44:785F	02-105/09:09:23	1TI
126	105 20:46:39	31			SC21AF	13012 CRS CMD WORD			24949:44:785F	02-105/09:09:23	1TI
127	105 20:46:39	31			SC21AG	CRS HV FLAG			24949:44:785F	02-105/09:09:23	1TI
128	105 20:46:39	31			SC21AH	CRS CAL-ST FLAG			24949:44:785F	02-105/09:09:23	1TI
129	105 20:46:39	31			SC22AF	1347 PRA CONFIGURATION CMD			24949:44:785F	02-105/09:09:23	1TI
130	105 20:46:39	31			SC22NU	0000 PRA MODE SELECT			24949:44:785F	02-105/09:09:23	1TI
131	105 20:46:39	31			SC23AD	5 PWS CMD WORD			24949:44:785F	02-105/09:09:23	1TI
132	105 20:46:39	31			SC25AH	1777 LECP CMD WORD			24949:44:785F	02-105/09:09:23	1TI
133	105 20:46:39	31			SC25AH	2417 LECP CMD WORD			24949:44:785F	02-105/09:09:23	1TI
134	105 20:46:39	31			SC25AH	5600 LECP CMD WORD			24949:44:785F	02-105/09:09:23	1TI
135	105 20:46:39	31			SC25AH	6032 LECP CMD WORD			24949:44:785F	02-105/09:09:23	1TI
136	105 20:46:39	31			SC25AJ	1 LECP MOTOR STEP CMD			24949:44:785F	02-105/09:09:23	1TI
137	105 20:46:39	31			SC25AN	0 LECP NEAR/FAR ENC			24949:44:785F	02-105/09:09:23	1TI
138	105 20:46:39	31			SC25AQ	5200 LECP SAFE CMD			24949:44:785F	02-105/09:09:23	1TI

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139	105 20:46:39	31			SC32AF	2 PLS E1 INT/AMP GAIN			24949:44:785F	02-105/09:09:23	1TI
140	105 20:46:39	31			SC32AG	2 PLS E2 INT/AMP GAIN			24949:44:785F	02-105/09:09:23	1TI
141	105 20:46:39	31			SC32AH	3 PLS M INT/AMP GAIN			24949:44:785F	02-105/09:09:23	1TI
142	105 20:46:39	31			SC32AJ	11 PLS CONFIG CMD			24949:44:785F	02-105/09:09:23	1TI
143	105 20:46:39	31			SC32AK	2 PLS L INT/AMP GAIN			24949:44:785F	02-105/09:09:23	1TI
144	105 20:46:39	31			SC32AL	216 PLS M START WORD 1			24949:44:785F	02-105/09:09:23	1TI
145	105 20:46:39	31			SC32AM	216 PLS M START WORD 2			24949:44:785F	02-105/09:09:23	1TI
146	105 20:46:39	31			SC32AN	2 PLS M MODE			24949:44:785F	02-105/09:09:23	1TI
147	105 20:46:39	31			SC32AP	3 PLS E1 SHRT			24949:44:785F	02-105/09:09:23	1TI
148	105 20:46:39	31			SC32AQ	3 PLS E2 SHRT			24949:44:785F	02-105/09:09:23	1TI
149	105 20:46:39	31			SC32AR	3 PLS L SHORT			24949:44:785F	02-105/09:09:23	1TI
150	105 20:46:39	31			SC32AS	2 PLS E1 LONG			24949:44:785F	02-105/09:09:23	1TI
151	105 20:46:39	31			SC32AT	2 PLS E2 LONG			24949:44:785F	02-105/09:09:23	1TI
152	105 20:46:39	31			SC32AU	2 PLS L LONG			24949:44:785F	02-105/09:09:23	1TI
153	105 20:46:39	31			SC34AE	13 UVS MODE/HV LEVEL			24949:44:785F	02-105/09:09:23	1TI
154	105 20:46:39	31			SC34AF	0 UVS READ OUT FLAG			24949:44:785F	02-105/09:09:23	1TI
155	105 20:46:39	31			SC35AI	030001 MAG HFM/EL FLIP/IFC/LFM			24949:44:785F	02-105/09:09:23	1TI
156	105 20:46:39	31			SC35AO	030001 MAG HFM/PRIME/IFC/LFM RAN			24949:44:785F	02-105/09:09:23	1TI
157	105 21:56:54	31	60RISE			10 DEGREE RISE DSC-60					1V
158	105 22:00:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9013 (U/L PASS) PERFORM RFSTLC PER TELECOM MESSAGE					1DP
159	105 22:06:13	31	40 SET			10 DEGREE SET DSC-40					1V
160	106 00:00:00	31				VGR-31 OWLT IS 11H 37M 16S					1L

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
161	106 05:29:43	31	10RISE			10 DEGREE RISE DSC-10					1V
162	106 06:25:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9013					1DP
163	106 06:30:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9014 (D/L ONLY)					1DP
164	106 09:33:03	31	60 SET			10 DEGREE SET DSC-60					1V
165	106 12:00:00	31				VGR-31 OWLT IS 11H 37M 16S					1L
166	106 12:57:20	31	40RISE			10 DEGREE RISE DSC-40					1V
167	106 16:10:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9014					1DP
168	106 16:58:58	31	10 SET			10 DEGREE SET DSC-10					1V
169	106 17:26:28	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
170	106 17:26:28	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	106 17:27:16	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
172	106 17:27:16	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	106 17:29:52	31				BEGIN PWSREC.31			24975:39:001F	02-106/05:52:35	1T
174	106 17:29:52	31			SC32AJ	(10) PLS CONFIG CMD	FDS		24975:39:009F	02-106/05:52:36	1ECf
175	106 17:30:40	31				B- DRGS4B			24975:40:001F	02-106/05:53:23	1TB
176	106 17:30:40	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		24975:40:009F	02-106/05:53:24	1ECf
177	106 17:31:24	31				BEGIN RECORDING PWS DATA			24975:40:734F	02-106/05:54:07	1T

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
178	106 17:31:24	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		24975:40:735F	02-106/05:54:08	1ECd
179	106 17:31:24	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:3 TIC:1147	DTR		24975:40:735F	02-106/05:54:08	1ESd
180	106 17:31:28	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	24975:41:001F	02-106/05:54:11	1ESf
181	106 17:31:28	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		24975:41:002F	02-106/05:54:12	1ECs
182	106 17:31:29	31				B- DRCRUS			24975:41:018F	02-106/05:54:12	1TB
183	106 17:31:29	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		24975:41:026F	02-106/05:54:13	1ECf
184	106 17:32:16	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	24975:42:001F	02-106/05:54:59	1ESf
185	106 17:32:16	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		24975:42:002F	02-106/05:55:00	1ECd
186	106 17:32:16	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:1440	DTR		24975:42:002F	02-106/05:55:00	1ESd

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
187	106 17:32:16	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		24975:42:002F	02-106/05:55:00	1ECs
188	106 17:33:04	31			SC32AJ	(11) PLS CONFIG CMD	FDS		24975:43:010F	02-106/05:55:48	1ECF
189	106 17:33:05	31				END PWSREC.31			24975:43:018F	02-106/05:55:48	1T
190	106 20:47:28	31			AC7SSB	(4 +156) SS BIAS CONTROL --- YAW	AACS		24979:46:003F	02-106/09:10:12	1ECa
191	106 21:52:55	31	60RISE			10 DEGREE RISE DSC-60					1V
192	106 22:02:14	31	40 SET			10 DEGREE SET DSC-40					1V
193	106 23:00:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9014 (D/L ONLY)					1DP
194	107 00:00:00	31				VGR-31 OWLT IS 11H 37M 16S					1L
195	107 05:25:45	31	10RISE			10 DEGREE RISE DSC-10					1V
196	107 06:00:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9014					1DP
197	107 06:25:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9015 (D/L ONLY)					1DP
198	107 09:29:06	31	60 SET			10 DEGREE SET DSC-60					1V
199	107 12:00:00	31				VGR-31 OWLT IS 11H 37M 16S					1L
200	107 12:53:24	31	40RISE			10 DEGREE RISE DSC-40					1V
201	107 16:10:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9015					1DP
202	107 16:55:01	31	10 SET			10 DEGREE SET DSC-10					1V
203	107 21:48:57	31	60RISE			10 DEGREE RISE DSC-60					1V
204	107 21:58:15	31	40 SET			10 DEGREE SET DSC-40					1V
205	108 00:00:00	31				VGR-31 OWLT IS 11H 37M 16S					1L
206	108 00:00:00	31	54 AO	OPCH ACE		AOS DSS-54 PASS-9015 (D/L ONLY)					1DP
207	108 05:21:46	31	10RISE			10 DEGREE RISE DSC-10					1V
208	108 07:05:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9016 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
209	108 07:25:00	31	54 LO	OPCH ACE		LOS DSS-54 PASS-9015					1DP
210	108 09:25:10	31	60 SET			10 DEGREE SET DSC-60					1V
211	108 12:00:00	31				VGR-31 OWLT IS 11H 37M 16S					1L
212	108 12:49:28	31	40RISE			10 DEGREE RISE DSC-40					1V
213	108 15:50:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9016					1DP
214	108 16:51:05	31	10 SET			10 DEGREE SET DSC-10					1V
215	108 21:44:58	31	60RISE			10 DEGREE RISE DSC-60					1V
216	108 21:54:17	31	40 SET			10 DEGREE SET DSC-40					1V
217	108 22:55:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9016 (D/L ONLY)					1DP
218	109 00:00:00	31				VGR-31 OWLT IS 11H 37M 16S					1L
219	109 05:17:48	31	10RISE			10 DEGREE RISE DSC-10					1V
220	109 06:35:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9017 (D/L ONLY)					1DP
221	109 06:55:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9016					1DP
222	109 09:21:14	31	60 SET			10 DEGREE SET DSC-60					1V
223	109 12:00:00	31				VGR-31 OWLT IS 11H 37M 16S					1L
224	109 12:45:31	31	40RISE			10 DEGREE RISE DSC-40					1V
225	109 16:05:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9017					1DP
226	109 16:47:08	31	10 SET			10 DEGREE SET DSC-10					1V
227	109 20:29:04	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		25069:23:002F	02-109/08:51:48	1ECd
228	109 20:29:04	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1446	DTR		25069:23:002F	02-109/08:51:48	1ESd
229	109 21:38:45	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		25070:50:085F	02-109/10:01:28	1ECd

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
230	109 21:38:45	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2952	DTR		25070:50:085F	02-109/10:01:28	1ESd
231	109 21:40:59	31	60RISE			10 DEGREE RISE DSC-60					1V
232	109 21:50:18	31	40 SET			10 DEGREE SET DSC-40					1V
233	109 22:40:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9017 (D/L ONLY)					1DP
234	109 23:26:28	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
235	109 23:26:28	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
236	109 23:27:16	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
237	109 23:27:16	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
238	109 23:29:04	31			CC16C	(7028) DTR STATE SELECT: READY	DTR		25073:08:002F	02-109/11:51:48	1ECd
239	109 23:29:04	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:2952	DTR		25073:08:002F	02-109/11:51:48	1ESd
240	109 23:29:52	31			SC32AJ	(10) PLS CONFIG CMD	FDS		25073:09:009F	02-109/11:52:36	1ECf
241	109 23:30:40	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		25073:10:009F	02-109/11:53:24	1ECf
242	109 23:31:24	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		25073:10:735F	02-109/11:54:08	1ECd

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
243	109 23:31:24	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:2952	DTR		25073:10:735F	02-109/11:54:08	1ESd
244	109 23:31:28	31		ACE	OPCH	FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	25073:11:001F	02-109/11:54:11	1ESf
245	109 23:31:28	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		25073:11:002F	02-109/11:54:12	1ECs
246	109 23:31:29	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		25073:11:026F	02-109/11:54:13	1ECf
247	109 23:32:16	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	25073:12:001F	02-109/11:54:59	1ESf
248	109 23:32:16	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		25073:12:002F	02-109/11:55:00	1ECd
249	109 23:32:16	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:2659	DTR		25073:12:002F	02-109/11:55:00	1ESd
250	109 23:32:16	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		25073:12:002F	02-109/11:55:00	1ECs
251	109 23:33:04	31			SC32AJ	(11) PLS CONFIG CMD	FDS		25073:13:009F	02-109/11:55:48	1ECf

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
252	110 00:00:00	31				VGR-31 OWLT IS 11H 37M 16S					1L
253	110 01:38:40	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		25075:50:002F	02-109/14:01:24	1ECd
254	110 01:38:40	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2653	DTR		25075:50:002F	02-109/14:01:24	1ESd
255	110 02:34:30	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		25076:59:643F	02-109/14:57:14	1ECd
256	110 02:34:30	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1446	DTR		25076:59:643F	02-109/14:57:14	1ESd
257	110 04:38:40	31			CC16C	(7013) DTR STATE SELECT: READY	DTR		25079:35:002F	02-109/17:01:24	1ECd
258	110 04:38:40	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:1446	DTR		25079:35:002F	02-109/17:01:24	1ESd
259	110 05:13:49	31	10RISE			10 DEGREE RISE DSC-10					1V
260	110 05:55:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9017					1DP
261	110 08:10:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9018 (D/L ONLY)					1DP
262	110 09:17:17	31	60 SET			10 DEGREE SET DSC-60					1V
263	110 12:00:00	31				VGR-31 OWLT IS 11H 37M 16S					1L
264	110 12:41:35	31	40RISE			10 DEGREE RISE DSC-40					1V
265	110 16:00:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9018					1DP
266	110 16:43:11	31	10 SET			10 DEGREE SET DSC-10					1V
267	110 21:37:00	31	60RISE			10 DEGREE RISE DSC-60					1V
268	110 21:46:19	31	40 SET			10 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
269	110 22:50:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9018 (D/L ONLY)					1DP
270	111 00:00:00	31				VGR-31 OWLT IS 11H 37M 16S					1L
271	111 04:47:28	31			AC7SSB	(4 +155) SS BIAS CONTROL --- YAW	AACS		25109:46:003F	02-110/17:10:12	1ECa
272	111 05:09:51	31	10RISE			10 DEGREE RISE DSC-10					1V
273	111 06:50:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9018					1DP
274	111 07:35:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-9019 (D/L ONLY)					1DP
275	111 09:13:21	31	60 SET			10 DEGREE SET DSC-60					1V
276	111 12:00:00	31				VGR-31 OWLT IS 11H 37M 16S					1L
277	111 12:37:38	31	40RISE			10 DEGREE RISE DSC-40					1V
278	111 15:15:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-9019					1DP
279	111 16:39:15	31	10 SET			10 DEGREE SET DSC-10					1V
280	111 21:33:02	31	60RISE			10 DEGREE RISE DSC-60					1V
281	111 21:42:21	31	40 SET			10 DEGREE SET DSC-40					1V
282	111 23:29:52	31				AHELII1 PWSREC 23			25133:09:001F	02-111/11:52:35	1T
283	111 23:29:52	31				B- PWSREC.31			25133:09:001F	02-111/11:52:35	1TB
284	111 23:29:52	31				BEGIN PWSREC.31			25133:09:001F	02-111/11:52:35	1T
285	111 23:30:40	31				B- DRGS4B			25133:10:001F	02-111/11:53:23	1TB
286	111 23:31:24	31				BEGIN RECORDING PWS DATA			25133:10:734F	02-111/11:54:07	1T
287	111 23:31:29	31				B- DRCRUS			25133:11:018F	02-111/11:54:12	1TB
288	111 23:33:05	31				END PWSREC.31			25133:13:018F	02-111/11:55:48	1T
289	112 00:00:00	31				VGR-31 OWLT IS 11H 37M 16S					1L
290	112 05:05:52	31	10RISE			10 DEGREE RISE DSC-10					1V
291	112 06:05:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9020 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
313	113 17:03:17	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
314	113 17:05:53	31				BEGIN PWSREC.31			25185:09:001F	02-113/05:28:35	1T
315	113 17:05:53	31			SC32AJ	(10) PLS CONFIG CMD	FDS		25185:09:010F	02-113/05:28:36	1ECF
316	113 17:06:41	31				B- DRGS4B			25185:10:001F	02-113/05:29:23	1TB
317	113 17:06:41	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		25185:10:009F	02-113/05:29:24	1ECF
318	113 17:07:25	31				BEGIN RECORDING PWS DATA			25185:10:734F	02-113/05:30:07	1T
319	113 17:07:25	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		25185:10:735F	02-113/05:30:08	1ECd
320	113 17:07:25	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:3 TIC:1446	DTR		25185:10:735F	02-113/05:30:08	1ESd
321	113 17:07:29	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE -----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	25185:11:001F	02-113/05:30:11	1ESF
322	113 17:07:29	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		25185:11:002F	02-113/05:30:12	1ECs
323	113 17:07:30	31				B- DRCRUS			25185:11:018F	02-113/05:30:12	1TB

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
324	113 17:07:30	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		25185:11:026F	02-113/05:30:13	1ECf
325	113 17:08:17	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	25185:12:001F	02-113/05:30:59	1ESf
326	113 17:08:17	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		25185:12:002F	02-113/05:31:00	1ECd
327	113 17:08:17	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:1739	DTR		25185:12:002F	02-113/05:31:00	1ESd
328	113 17:08:17	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		25185:12:002F	02-113/05:31:00	1ECs
329	113 17:09:05	31			SC32AJ	(11) PLS CONFIG CMD	FDS		25185:13:010F	02-113/05:31:48	1ECf
330	113 17:09:06	31				END PWSREC.31			25185:13:018F	02-113/05:31:48	1T
331	113 20:35:00	31	45 LO	OPCH ACE		LOS DSS-45 PASS-9021					1DP
332	113 21:25:04	31	60RISE			10 DEGREE RISE DSC-60					1V
333	113 21:34:23	31	40 SET			10 DEGREE SET DSC-40					1V
334	114 00:00:00	31				VGR-31 OWLT IS 11H 37M 17S					1L
335	114 00:30:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9021 (D/L ONLY)					1DP
336	114 04:57:55	31	10RISE			10 DEGREE RISE DSC-10					1V
337	114 06:25:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9022 (D/L ONLY)					1DP
338	114 06:45:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9021					1DP
339	114 07:56:17	31				TAPPOS-0210			25203:42:001F	02-113/20:18:59	1T

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
340	114 07:56:17	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		25203:42:001F	02-113/20:18:59	1ECd
341	114 07:56:17	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:1745	DTR		25203:42:001F	02-113/20:18:59	1ESd
342	114 08:46:29	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
343	114 08:46:29	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
344	114 08:46:41	31				BEGIN PMPCALLR			25204:45:001F	02-113/21:09:23	1T
345	114 08:50:41	31				B- DRCR5T			25204:50:001F	02-113/21:13:23	1TB
346	114 08:50:41	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		25204:50:009F	02-113/21:13:24	1ECf
347	114 08:51:29	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	25204:51:001F	02-113/21:14:11	1ESf
348	114 08:51:29	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		25204:51:001F	02-113/21:14:11	1ECs
349	114 08:57:53	31			SC06BY	(7) FDS PLS/MAG/PESCAL FLAG PLSCAL ENABLED MAGCAL ENABLED PESCAL ENABLED	FDS		25204:59:009F	02-113/21:20:36	1ECf
350	114 08:58:41	31				BEGIN PLS/MAG/PESCAL			25205:00:001F	02-113/21:21:23	1T
351	114 09:01:31	31	60 SET			10 DEGREE SET DSC-60					1V

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT 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	114 09:07:20	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		25205:10:656F	02-113/21:30:03	1ECd
353	114 09:07:20	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:0210	DTR		25205:10:656F	02-113/21:30:03	1ESd
354	114 10:41:05	31				END PLSCAL			25207:08:001F	02-113/23:03:47	1T
355	114 10:44:17	31				FWD/TRK 1			25207:12:001F	02-113/23:06:59	1T
356	114 10:44:17	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		25207:12:001F	02-113/23:06:59	1ECd
357	114 10:44:17	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:0210	DTR		25207:12:001F	02-113/23:06:59	1ESd
358	114 12:00:00	31				VGR-31 OWLT IS 11H 37M 17S					1L
359	114 12:01:05	31				END MAGCAL			25208:48:001F	02-114/00:23:47	1T
360	114 12:14:29	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
361	114 12:14:29	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
362	114 12:18:41	31				END PESCAL			25209:10:001F	02-114/00:41:23	1T
363	114 12:18:41	31				B- DRCRUS			25209:10:001F	02-114/00:41:23	1TB
364	114 12:18:41	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		25209:10:010F	02-114/00:41:24	1ECf

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
365	114 12:19:29	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	25209:11:001F	02-114/00:42:11	1ESf
366	114 12:19:29	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		25209:11:002F	02-114/00:42:11	1ECs
367	114 12:19:30	31				END PMPCALLR			25209:11:018F	02-114/00:42:12	1T
368	114 12:25:49	31	40RISE			10 DEGREE RISE DSC-40					1V
369	114 15:45:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9022					1DP
370	114 16:27:24	31	10 SET			10 DEGREE SET DSC-10					1V
371	114 21:21:05	31	60RISE			10 DEGREE RISE DSC-60					1V
372	114 21:30:24	31	40 SET			10 DEGREE SET DSC-40					1V
373	115 00:00:00	31				VGR-31 OWLT IS 11H 37M 18S					1L
374	115 00:30:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9022 (D/L ONLY)					1DP
375	115 04:53:56	31	10RISE			10 DEGREE RISE DSC-10					1V
376	115 06:35:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-9023 (D/L ONLY)					1DP
377	115 06:43:18	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR CHG IN D/L CARRIER SIG LEVEL					11EC
378	115 06:44:18	31				B- PWSPB.31			25232:12:001F	02-114/19:06:59	1TB
379	115 06:44:18	31				BEGIN PWSPBA31			25232:12:001F	02-114/19:06:59	1T
380	115 06:44:18	31				CHECK IF RFLOSS FAIL			25232:12:001F	02-114/19:06:59	1T
381	115 06:44:18	31				IF FAIL SKIP HIGHPWR			25232:12:001F	02-114/19:06:59	1T
382	115 06:44:18	31			CC1TR	BAY 1 HTR OFF	PWR		25232:12:002F	02-114/19:07:00	1ECp
383	115 06:45:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9022					1DP

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
399	115 07:53:06	31		ACE OPCH		FDS STATUS PB-14/X1.4K/S40 MEM:PA/FDS11	FDS	PB-14	25233:38:003F	02-114/20:15:48	1ESf
400	115 07:53:06	31			CC16C	(1210) DTR STATE SELECT:PLAYBACK	DTR		25233:38:005F	02-114/20:15:48	1ECd
401	115 07:53:06	31				DTR STATUS MODE:PLAY RATE:007.2K DIR:F TRK:1 TIC:0210	DTR		25233:38:005F	02-114/20:15:48	1ESd
402	115 07:53:07	31				END DDPB1431			25233:38:018F	02-114/20:15:48	1T
403	115 08:57:34	31	60 SET			10 DEGREE SET DSC-60					1V
404	115 10:29:21	31			EOT	END OF TAPE			25236:53:244F	02-114/22:52:02	1Ed
405	115 10:29:21	31			EOT	END OF TAPE			25236:53:248F	02-114/22:52:02	1Ed
406	115 12:00:00	31				VGR-31 OWLT IS 11H 37M 18S					1L
407	115 12:21:52	31	40RISE			10 DEGREE RISE DSC-40					1V
408	115 12:47:30	31			AC7SSB	(4 +154) SS BIAS CONTROL --- YAW	AACS		25239:46:003F	02-115/01:10:12	1ECa
409	115 13:06:05	31			BOT	BEGIN OF TAPE			25240:09:187F	02-115/01:28:47	1Ed
410	115 13:06:05	31			BOT	BEGIN OF TAPE			25240:09:191F	02-115/01:28:47	1Ed
411	115 14:23:18	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
412	115 14:23:18	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
413	115 14:23:18	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
414	115 14:27:30	31				B- DRCRUS			25241:51:001F	02-115/02:50:11	1TB

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT 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	115 14:27:30	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		25241:51:009F	02-115/02:50:12	1ECf
416	115 14:28:18	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	25241:52:001F	02-115/02:50:59	1ESf
417	115 14:28:18	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		25241:52:002F	02-115/02:51:00	1ECs
418	115 14:28:18	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		25241:52:003F	02-115/02:51:00	1ECd
419	115 14:28:18	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:1975	DTR		25241:52:003F	02-115/02:51:00	1ESd
420	115 14:28:18	31			CC6AD	(3 2 0 0) SVC-W4 FDS MEM B WRT PROTECT	FDS		25241:52:003F	02-115/02:51:00	1ECf
421	115 14:28:18	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	25241:52:003F	02-115/02:51:00	1ESf
422	115 14:28:19	31				END PLAYBACK			25241:52:018F	02-115/02:51:00	1T
423	115 14:42:42	31				B- YAWDB			25242:10:001F	02-115/03:05:23	1TB
424	115 14:42:42	31				YAWDB - .10			25242:10:001F	02-115/03:05:23	1T
425	115 14:42:42	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		25242:10:004F	02-115/03:05:24	1ECa
426	115 15:00:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-9023					1DP
427	115 16:23:27	31	10 SET			10 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
428	115 21:17:07	31	60RISE			10 DEGREE RISE DSC-60					1V
429	115 21:26:25	31	40 SET			10 DEGREE SET DSC-40					1V
430	116 00:00:00	31				VGR-31 OWLT IS 11H 37M 18S					1L
431	116 00:20:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9023 (U/L PASS) PERFORM RFSTLC PER TELECOM MESSAGE					1DP
432	116 04:49:58	31	10RISE			10 DEGREE RISE DSC-10					1V
433	116 06:16:18	31				TAPPOS-2045			25261:37:001F	02-115/18:38:59	1T
434	116 06:16:18	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		25261:37:001F	02-115/18:38:59	1ECd
435	116 06:16:18	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1976	DTR		25261:37:001F	02-115/18:38:59	1ESd
436	116 06:19:30	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		25261:40:794F	02-115/18:42:11	1ECd
437	116 06:19:30	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2045	DTR		25261:40:794F	02-115/18:42:11	1ESd
438	116 06:20:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9024 (D/L ONLY)					1DP
439	116 06:37:54	31				B- GYONBC.31			25262:04:001F	02-115/19:00:35	1TB
440	116 06:37:54	31				BEGIN GYONBC31			25262:04:001F	02-115/19:00:35	1T
441	116 06:37:54	31			AC7GYP	(111) DRIRU PATTERN CONTROL GYRO/AXIS=B/PITCH C/YAW & ROLL	AACS		25262:04:003F	02-115/19:00:36	1ECa
442	116 06:37:54	31			CC7GARP	GYRO A OFF	PWR		25262:04:004F	02-115/19:00:36	1ECp

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
443	116 06:37:54	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS		25262:04:004F	02-115/19:00:36	1ESa
444	116 06:37:54	31			CC7GARP	GYRO A OFF	PWR		25262:04:006F	02-115/19:00:36	1ECp
445	116 06:37:54	31			CC7PC	(352) GYRO A OFF	AACS		25262:04:008F	02-115/19:00:36	1ECa
446	116 06:37:54	31			CC7GCP	GYRO C ON	PWR		25262:04:009F	02-115/19:00:36	1ECp
447	116 06:37:54	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: ON	AACS		25262:04:009F	02-115/19:00:36	1ESa
448	116 06:37:55	31			CC7GCP	GYRO C ON	PWR		25262:04:011F	02-115/19:00:36	1ECp
449	116 06:37:55	31			CC7PC	(373) GYRO C ON	AACS		25262:04:013F	02-115/19:00:36	1ECa
450	116 06:37:55	31			CC7GBP	GYRO B ON	PWR		25262:04:014F	02-115/19:00:36	1ECp
451	116 06:37:55	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		25262:04:014F	02-115/19:00:36	1ESa
452	116 06:37:55	31			CC7GBP	GYRO B ON	PWR		25262:04:016F	02-115/19:00:36	1ECp
453	116 06:37:55	31			CC7PC	(363) GYRO B ON	AACS		25262:04:018F	02-115/19:00:36	1ECa
454	116 06:38:23	31				DRIRU INITIALIZATION			25262:04:484F	02-115/19:01:04	1T
455	116 06:38:24	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		25262:04:502F	02-115/19:01:06	1ECa
456	116 06:38:53	31				SET CALIB			25262:05:184F	02-115/19:01:34	1T
457	116 06:38:54	31			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		25262:05:204F	02-115/19:01:36	1ECa
458	116 06:40:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9023					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
459	116 06:47:53	31				START GYRO FAULT TEST			25262:16:384F	02-115/19:10:34	1T
460	116 06:47:54	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		25262:16:402F	02-115/19:10:36	1ECa
461	116 06:47:55	31				END GYONBC31			25262:16:418F	02-115/19:10:36	1T
462	116 07:37:54	31				B- CCSTIMB			25263:19:001F	02-115/20:00:35	1TB
463	116 07:37:54	31				EXECUTE CCSTIMB FINE			25263:19:001F	02-115/20:00:35	1T
464	116 08:53:37	31	60	SET		10 DEGREE SET DSC-60					1V
465	116 09:04:18	31				FWD/TRK 3			25265:07:001F	02-115/21:26:59	1T
466	116 09:04:18	31			CC16C	(7013) DTR STATE SELECT: READY	DTR		25265:07:001F	02-115/21:26:59	1ECd
467	116 09:04:18	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:2045	DTR		25265:07:001F	02-115/21:26:59	1ESd
468	116 09:35:00	31	14	AO	OPCH ACE	AOS DSS-14 PASS-9024 (D/L ONLY)					1DP
469	116 09:55:00	31	15	LO	OPCH ACE	LOS DSS-15 PASS-9024					1DP
470	116 12:00:00	31				VGR-31 OWLT IS 11H 37M 18S					1L
471	116 12:17:55	31	40	RISE		10 DEGREE RISE DSC-40					1V
472	116 14:35:00	31	34	AO	OPCH ACE	AOS DSS-34 PASS-9024 (D/L ONLY)					1DP
473	116 14:55:00	31	14	LO	OPCH ACE	LOS DSS-14 PASS-9024					1DP
474	116 16:19:31	31	10	SET		10 DEGREE SET DSC-10					1V
475	116 18:05:00	31	34	LO	OPCH ACE	LOS DSS-34 PASS-9024					1DP
476	116 20:05:07	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		25278:53:002F	02-116/08:27:48	1ECd
477	116 20:05:07	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:2045	DTR		25278:53:002F	02-116/08:27:48	1ESd

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
478	116 20:33:15	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		25279:28:139F	02-116/08:55:56	1ECd
479	116 20:33:15	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2653	DTR		25279:28:139F	02-116/08:55:56	1ESd
480	116 21:13:08	31	60RISE			10 DEGREE RISE DSC-60					1V
481	116 21:22:26	31	40 SET			10 DEGREE SET DSC-40					1V
482	116 22:20:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9024 (D/L ONLY)					1DP
483	116 23:02:31	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
484	116 23:02:31	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
485	116 23:03:19	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
486	116 23:03:19	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
487	116 23:05:07	31			CC16C	(7028) DTR STATE SELECT: READY	DTR		25282:38:002F	02-116/11:27:48	1ECd
488	116 23:05:07	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:2653	DTR		25282:38:002F	02-116/11:27:48	1ESd
489	116 23:05:55	31			SC32AJ	(10) PLS CONFIG CMD	FDS		25282:39:009F	02-116/11:28:36	1ECf
490	116 23:06:43	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		25282:40:009F	02-116/11:29:24	1ECf

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
491	116 23:07:27	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		25282:40:735F	02-116/11:30:08	1ECd
492	116 23:07:27	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:2653	DTR		25282:40:735F	02-116/11:30:08	1ESd
493	116 23:07:31	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	25282:41:001F	02-116/11:30:11	1ESf
494	116 23:07:31	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		25282:41:002F	02-116/11:30:12	1ECs
495	116 23:07:32	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		25282:41:026F	02-116/11:30:13	1ECf
496	116 23:08:19	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	25282:42:001F	02-116/11:30:59	1ESf
497	116 23:08:19	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		25282:42:002F	02-116/11:31:00	1ECd
498	116 23:08:19	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:2360	DTR		25282:42:002F	02-116/11:31:00	1ESd
499	116 23:08:19	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		25282:42:002F	02-116/11:31:00	1ECs

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
500	116 23:09:07	31			SC32AJ	(11) PLS CONFIG CMD	FDS		25282:43:009F	02-116/11:31:48	1ECf
501	117 00:00:00	31				VGR-31 OWLT IS 11H 37M 19S					1L
502	117 01:14:43	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		25285:20:002F	02-116/13:37:24	1ECd
503	117 01:14:43	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2354	DTR		25285:20:002F	02-116/13:37:24	1ESd
504	117 01:28:59	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		25285:37:667F	02-116/13:51:39	1ECd
505	117 01:28:59	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2045	DTR		25285:37:667F	02-116/13:51:39	1ESd
506	117 04:14:43	31			CC16C	(7013) DTR STATE SELECT: READY	DTR		25289:05:002F	02-116/16:37:24	1ECd
507	117 04:14:43	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:2045	DTR		25289:05:002F	02-116/16:37:24	1ESd
508	117 04:45:59	31	10RISE			10 DEGREE RISE DSC-10					1V
509	117 06:20:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9025 (D/L ONLY)					1DP
510	117 06:40:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9024					1DP
511	117 08:49:41	31	60 SET			10 DEGREE SET DSC-60					1V
512	117 12:00:00	31				VGR-31 OWLT IS 11H 37M 19S					1L
513	117 12:13:58	31	40RISE			10 DEGREE RISE DSC-40					1V
514	117 12:32:19	31			AC7SSB	(3 -009) SS BIAS CONTROL - PITCH	AACS		25299:27:003F	02-117/00:55:00	1ECa
515	117 14:15:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9025					1DP
516	117 16:15:34	31	10 SET			10 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
517	117 17:20:00	31	45 AO	OPCH ACE		AOS DSS-45 PASS-9025 (D/L ONLY)					1DP
518	117 20:20:00	31	45 LO	OPCH ACE		LOS DSS-45 PASS-9025					1DP
519	117 21:09:09	31	60RISE			10 DEGREE RISE DSC-60					1V
520	117 21:18:28	31	40 SET			10 DEGREE SET DSC-40					1V
521	118 00:00:00	31				VGR-31 OWLT IS 11H 37M 20S					1L
522	118 04:42:00	31	10RISE			10 DEGREE RISE DSC-10					1V
523	118 08:45:44	31	60 SET			10 DEGREE SET DSC-60					1V
524	118 10:35:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9026 (D/L ONLY)					1DP
525	118 12:00:00	31				VGR-31 OWLT IS 11H 37M 20S					1L
526	118 12:10:02	31	40RISE			10 DEGREE RISE DSC-40					1V
527	118 15:15:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9026					1DP
528	118 16:11:37	31	10 SET			10 DEGREE SET DSC-10					1V
529	118 21:05:10	31	60RISE			10 DEGREE RISE DSC-60					1V
530	118 21:14:29	31	40 SET			10 DEGREE SET DSC-40					1V
531	118 23:05:56	31				AHELII PWSREC 24			25342:39:001F	02-118/11:28:35	1T
532	118 23:05:56	31				B- PWSREC.31			25342:39:001F	02-118/11:28:35	1TB
533	118 23:05:56	31				BEGIN PWSREC.31			25342:39:001F	02-118/11:28:35	1T
534	118 23:06:44	31				B- DRGS4B			25342:40:001F	02-118/11:29:23	1TB
535	118 23:07:28	31				BEGIN RECORDING PWS DATA			25342:40:734F	02-118/11:30:07	1T
536	118 23:07:33	31				B- DRCRUS			25342:41:018F	02-118/11:30:12	1TB
537	118 23:09:09	31				END PWSREC.31			25342:43:018F	02-118/11:31:48	1T
538	119 00:00:00	31				VGR-31 OWLT IS 11H 37M 20S					1L
539	119 04:38:02	31	10RISE			10 DEGREE RISE DSC-10					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
540	119 05:50:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9027 (D/L ONLY)					1DP
541	119 08:41:47	31	60 SET			10 DEGREE SET DSC-60					1V
542	119 12:00:00	31				VGR-31 OWLT IS 11H 37M 21S					1L
543	119 12:06:05	31	40RISE			10 DEGREE RISE DSC-40					1V
544	119 15:05:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9027					1DP
545	119 16:07:39	31	10 SET			10 DEGREE SET DSC-10					1V
546	119 20:47:33	31			AC7SSB	(4 +153) SS BIAS CONTROL --- YAW	AACS		25369:46:003F	02-119/09:10:12	1ECa
547	119 21:01:11	31	60RISE			10 DEGREE RISE DSC-60					1V
548	119 21:10:30	31	40 SET			10 DEGREE SET DSC-40					1V
549	119 22:15:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9027 (D/L ONLY)					1DP
550	120 00:00:00	31				VGR-31 OWLT IS 11H 37M 21S					1L
551	120 04:34:03	31	10RISE			10 DEGREE RISE DSC-10					1V
552	120 05:45:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9027					1DP
553	120 07:22:58	31	15	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
554	120 07:25:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9028 (D/L ONLY)					1DP
555	120 07:33:46	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
556	120 07:33:46	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

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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
557	120 07:37:58	31				B- ASCAL			25383:19:001F	02-119/20:00:35	1TB
558	120 07:37:58	31				B- DREL40			25383:19:001F	02-119/20:00:35	1TB
559	120 07:37:58	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		25383:19:009F	02-119/20:00:36	1ECf
560	120 07:37:58	31	15	OPCH	15	START ASCAL =====					1TD
						DSS-15: MONITOR X-BD AGC VARIATIONS DURING ASCAL IF X-BD RCVR DROPS LOCK INITIATE AUTO ACQUIRE					
561	120 07:38:46	31		ACE	OPCH		FDS	CE-40	25383:20:001F	02-119/20:01:23	1ESf
						FDS STATUS EL-40/X40/S40 MEM:PA/FDS11					
562	120 07:38:46	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		25383:20:002F	02-119/20:01:24	1ECs
563	120 07:53:58	31				.05 ALL AXES DEADBAND			25383:39:001F	02-119/20:16:35	1T
564	120 07:53:58	31			AC7DDB	(000480) CHG TO .05 DEG DEADBAND	AACS		25383:39:003F	02-119/20:16:36	1ECa
565	120 08:09:58	31			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		25383:59:002F	02-119/20:32:36	1ECa
566	120 08:09:58	31				AACS STATUS MODE : AAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		25383:59:002F	02-119/20:32:36	1ESa
567	120 08:09:58	31			CC7GARP	GYRO A OFF	PWR		25383:59:003F	02-119/20:32:36	1ECp
568	120 08:09:58	31			CC7GARP	GYRO A OFF	PWR		25383:59:005F	02-119/20:32:36	1ECp

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
569	120 08:09:58	31			CC7PC	(352) GYRO A OFF	AACS		25383:59:007F	02-119/20:32:36	1ECa
570	120 08:09:58	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		25383:59:008F	02-119/20:32:36	1ECp
571	120 08:09:58	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		25383:59:010F	02-119/20:32:36	1ECp
572	120 08:09:59	31			CC7PC	(312) DUMMY PWR CMD	AACS		25383:59:012F	02-119/20:32:36	1ECa
573	120 08:10:45	31	15	OPCH 15		ASCAL =====					1TD
						START YAW DRIFT TURNS					
574	120 08:10:46	31				START FIRST YAW DRIFT TURN			25384:00:001F	02-119/20:33:23	1T
575	120 08:10:46	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		25384:00:003F	02-119/20:33:24	1ECa
576	120 08:14:46	31			AC7PAR	(7015 764220) PARAMETER LOAD	AACS		25384:05:003F	02-119/20:37:24	1ECa
577	120 08:22:46	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		25384:15:003F	02-119/20:45:24	1ECa
578	120 08:26:46	31			AC7PAR	(7015 000000) PARAMETER LOAD	AACS		25384:20:003F	02-119/20:49:24	1ECa
579	120 08:26:46	31	15	OPCH 15		ASCAL =====					1TD
						END YAW DRIFT TURNS					
580	120 08:26:47	31				END THIRD YAW DRIFT TURN			25384:20:018F	02-119/20:49:24	1T
581	120 08:27:33	31	15	OPCH 15		ASCAL =====					1TD
						START PITCH DRIFT TURNS					
582	120 08:27:34	31				START FIRST PITCH DRIFT TURN			25384:21:001F	02-119/20:50:11	1T
583	120 08:27:34	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		25384:21:003F	02-119/20:50:12	1ECa
584	120 08:31:34	31			AC7PAR	(7014 764220) PARAMETER LOAD	AACS		25384:26:003F	02-119/20:54:12	1ECa
585	120 08:37:50	31	60	SET		10 DEGREE SET 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
586	120 08:39:34	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		25384:36:003F	02-119/21:02:12	1ECa
587	120 08:43:34	31			AC7PAR	(7014 000000) PARAMETER LOAD	AACS		25384:41:003F	02-119/21:06:12	1ECa
588	120 08:43:34	31	15	OPCH 15		ASCAL ===== END PITCH DRIFT TURNS					1TD
589	120 08:43:35	31				END THIRD PITCH DRIFT TURN			25384:41:018F	02-119/21:06:12	1T
590	120 08:45:10	31			CC7SS	(1) SS SEARCH ENABLE	AACS		25384:43:001F	02-119/21:07:47	1ECa
591	120 08:45:10	31				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS	25384:43:001F	02-119/21:07:47	1ESa	
592	120 08:45:10	31			CC7PC	(327) IDET ACQUIRED	AACS		25384:43:002F	02-119/21:07:48	1ECa
593	120 08:45:10	31			CC7GARP	GYRO A OFF	PWR		25384:43:003F	02-119/21:07:48	1ECp
594	120 08:45:10	31			CC7GARP	GYRO A OFF	PWR		25384:43:005F	02-119/21:07:48	1ECp
595	120 08:45:10	31			CC7PC	(352) GYRO A OFF	AACS		25384:43:007F	02-119/21:07:48	1ECa
596	120 08:45:10	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		25384:43:008F	02-119/21:07:48	1ECp
597	120 08:45:10	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		25384:43:010F	02-119/21:07:48	1ECp
598	120 08:45:11	31			CC7PC	(312) DUMMY PWR CMD	AACS		25384:43:012F	02-119/21:07:48	1ECa
599	120 08:45:46	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
600	120 08:45:46	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
601	120 08:46:46	31			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		25384:45:001F	02-119/21:09:23	1ECa

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
602	120 08:47:51	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		25384:46:285F	02-119/21:10:28	1ESa
603	120 08:47:51	31			CC7PC	(307) STAR ACQUIRED	AACS		25384:46:285F	02-119/21:10:28	1ECa
604	120 08:47:51	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		25384:46:286F	02-119/21:10:29	1ECp
605	120 08:47:51	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		25384:46:288F	02-119/21:10:29	1ECp
606	120 08:47:51	31			CC7PC	(312) DUMMY PWR CMD	AACS		25384:46:290F	02-119/21:10:29	1ECa
607	120 08:49:58	31				B- DRCRUS			25384:49:001F	02-119/21:12:35	1TB
608	120 08:49:58	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		25384:49:009F	02-119/21:12:36	1ECf
609	120 08:50:46	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	25384:50:001F	02-119/21:13:23	1ESf
610	120 08:50:46	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		25384:50:002F	02-119/21:13:24	1ECs
611	120 08:56:22	31				B- YAWDB			25384:57:001F	02-119/21:18:59	1TB
612	120 08:56:22	31				YAWDB - .10			25384:57:001F	02-119/21:18:59	1T
613	120 08:56:22	31				B- ROLLDB			25384:57:001F	02-119/21:18:59	1TB
614	120 08:56:22	31				ROLLDB - .25			25384:57:001F	02-119/21:18:59	1T
615	120 08:56:22	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		25384:57:003F	02-119/21:19:00	1ECa
616	120 08:56:22	31			AC7PAR	(6742 004540) +ROLL DB=.25 DEG	AACS		25384:57:005F	02-119/21:19:00	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
617	120 08:56:23	31	15	OPCH 15		END ASCAL					1TD
618	120 08:57:58	31				RESTART GYRO FAULT TEST			25384:59:001F	02-119/21:20:35	1T
619	120 08:57:58	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		25384:59:002F	02-119/21:20:35	1ECa
620	120 12:00:00	31				VGR-31 OWLT IS 11H 37M 22S					1L
621	120 12:00:00	31	43 AO	OPCH ACE		AOS DSS-43 PASS-9028 (D/L ONLY)					1DP
622	120 12:02:08	31	40RISE			10 DEGREE RISE DSC-40					1V
623	120 12:15:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9028					1DP
624	120 16:03:42	31	10 SET			10 DEGREE SET DSC-10					1V
625	120 16:38:34	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
626	120 16:38:34	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
627	120 16:39:22	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
628	120 16:39:22	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
629	120 16:41:58	31				BEGIN PWSREC.31			25394:39:001F	02-120/05:04:35	1T
630	120 16:41:58	31			SC32AJ	(10) PLS CONFIG CMD	FDS		25394:39:009F	02-120/05:04:36	1ECf
631	120 16:42:46	31				B- DRGS4B			25394:40:001F	02-120/05:05:23	1TB
632	120 16:42:46	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		25394:40:009F	02-120/05:05:24	1ECf

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
633	120 16:43:30	31				BEGIN RECORDING PWS DATA			25394:40:734F	02-120/05:06:07	1T
634	120 16:43:30	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		25394:40:735F	02-120/05:06:08	1ECd
635	120 16:43:30	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:3 TIC:2045	DTR		25394:40:735F	02-120/05:06:08	1ESd
636	120 16:43:34	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	25394:41:001F	02-120/05:06:11	1ESf
637	120 16:43:34	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		25394:41:002F	02-120/05:06:12	1ECs
638	120 16:43:35	31				B- DRCRUS			25394:41:018F	02-120/05:06:12	1TB
639	120 16:43:35	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		25394:41:026F	02-120/05:06:13	1ECf
640	120 16:44:22	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	25394:42:001F	02-120/05:06:59	1ESf
641	120 16:44:22	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		25394:42:002F	02-120/05:07:00	1ECd
642	120 16:44:22	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:2338	DTR		25394:42:002F	02-120/05:07:00	1ESd

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
643	120 16:44:22	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		25394:42:002F	02-120/05:07:00	1ECs
644	120 16:45:10	31			SC32AJ	(11) PLS CONFIG CMD	FDS		25394:43:010F	02-120/05:07:48	1ECF
645	120 16:45:11	31				END PWSREC.31			25394:43:018F	02-120/05:07:48	1T
646	120 18:25:00	31	43 LO	OPCH ACE		LOS DSS-43 PASS-9028					1DP
647	120 20:57:12	31	60RISE			10 DEGREE RISE DSC-60					1V
648	120 21:06:31	31	40 SET			10 DEGREE SET DSC-40					1V
649	120 22:10:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9028 (D/L ONLY)					1DP
650	121 00:00:00	31				VGR-31 OWLT IS 11H 37M 23S					1L
651	121 04:30:04	31	10RISE			10 DEGREE RISE DSC-10					1V
652	121 05:00:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9028					1DP
653	121 07:05:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-9029 (D/L ONLY)					1DP
654	121 08:33:53	31	60 SET			10 DEGREE SET DSC-60					1V
655	121 11:58:11	31	40RISE			10 DEGREE RISE DSC-40					1V
656	121 12:00:00	31				VGR-31 OWLT IS 11H 37M 23S					1L
657	121 14:45:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-9029					1DP
658	121 15:59:45	31	10 SET			10 DEGREE SET DSC-10					1V
659	121 20:53:13	31	60RISE			10 DEGREE RISE DSC-60					1V
660	121 21:02:32	31	40 SET			10 DEGREE SET DSC-40					1V
661	121 21:35:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9029 (D/L ONLY)					1DP
662	122 00:00:00	31				VGR-31 OWLT IS 11H 37M 24S					1L
663	122 04:26:05	31	10RISE			10 DEGREE RISE DSC-10					1V
664	122 05:25:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9030 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
665	122 05:45:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9029					1DP
666	122 08:29:56	31	60 SET			10 DEGREE SET DSC-60					1V
667	122 11:54:14	31	40RISE			10 DEGREE RISE DSC-40					1V
668	122 12:00:00	31				VGR-31 OWLT IS 11H 37M 24S					1L
669	122 14:45:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9030					1DP
670	122 15:55:48	31	10 SET			10 DEGREE SET DSC-10					1V
671	122 20:49:14	31	60RISE			10 DEGREE RISE DSC-60					1V
672	122 20:58:33	31	40 SET			10 DEGREE SET DSC-40					1V
673	122 23:45:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9030 (D/L ONLY)					1DP
674	123 00:00:00	31				VGR-31 OWLT IS 11H 37M 25S					1L
675	123 04:22:07	31	10RISE			10 DEGREE RISE DSC-10					1V
676	123 06:35:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9030					1DP
677	123 06:55:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-9031 (U/L PASS) PERFORM RFSTLC PER TELECOM MESSAGE					1DP
678	123 07:34:37	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
679	123 07:34:37	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
680	123 07:38:01	31				B- MAGROLBC.31			25473:19:001F	02-122/20:00:35	1TB
681	123 07:38:01	31				BEGIN MAGROLBC31			25473:19:001F	02-122/20:00:35	1T
682	123 07:38:01	31				B- YAW10			25473:19:001F	02-122/20:00:35	1TB
683	123 07:38:01	31				YAW10			25473:19:001F	02-122/20:00:35	1T
684	123 07:38:01	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		25473:19:004F	02-122/20:00:36	1ECa

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
685	123 07:38:50	31				B- DRCR5T			25473:20:018F	02-122/20:01:24	1TB
686	123 07:38:50	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		25473:20:026F	02-122/20:01:25	1ECf
687	123 07:39:37	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	25473:21:001F	02-122/20:02:11	1ESf
688	123 07:39:37	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		25473:21:002F	02-122/20:02:12	1ECs
689	123 07:46:02	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR COMMANDED TURN D/L AGC VARIATIONS EXPECTED					11EC
690	123 07:48:02	31			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		25473:31:419F	02-122/20:10:37	1ECa
691	123 07:48:02	31				AACS STATUS MODE : AAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		25473:31:419F	02-122/20:10:37	1ESa
692	123 07:48:02	31			CC7GARP	GYRO A OFF	PWR		25473:31:420F	02-122/20:10:37	1ECp
693	123 07:48:02	31			CC7GARP	GYRO A OFF	PWR		25473:31:422F	02-122/20:10:37	1ECp
694	123 07:48:02	31			CC7PC	(352) GYRO A OFF	AACS		25473:31:424F	02-122/20:10:37	1ECa
695	123 07:48:02	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		25473:31:425F	02-122/20:10:37	1ECp
696	123 07:48:02	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		25473:31:427F	02-122/20:10:37	1ECp
697	123 07:48:03	31			CC7PC	(312) DUMMY PWR CMD	AACS		25473:31:429F	02-122/20:10:37	1ECa
698	123 07:51:02	31			AC7TCD	(322 033478) TURN COMMAND AXIS=ROLL POL=NEG RNG SCALE=X10	AACS		25473:35:220F	02-122/20:13:37	1ECa

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
699	123 08:25:59	31	60 SET			10 DEGREE SET DSC-60					1V
700	123 11:50:17	31	40RISE			10 DEGREE RISE DSC-40					1V
701	123 12:00:00	31				VGR-31 OWLT IS 11H 37M 26S					1L
702	123 12:19:15	31			SC32AJ	(10) PLS CONFIG CMD	FDS		25479:10:426F	02-123/00:41:49	1ECf
703	123 12:52:46	31			SC32AJ	(11) PLS CONFIG CMD	FDS		25479:52:342F	02-123/01:15:20	1ECf
704	123 13:26:18	31				ROLL TURN COMPLETE (NOMINAL)			25480:34:268F	02-123/01:48:51	1T
705	123 13:27:50	31			CC7PC	(345) CMDED TURN COMPLETE	AACS		25480:36:200F	02-123/01:50:23	1ECa
706	123 13:30:03	31			SC32AJ	(11) PLS CONFIG CMD	FDS		25480:39:026F	02-123/01:52:37	1ECf
707	123 13:39:03	31				RESET CALIB			25480:50:218F	02-123/02:01:36	1T
708	123 13:39:03	31			AC7PAR	(7530 000000) PARAMETER LOAD	AACS		25480:50:220F	02-123/02:01:37	1ECa
709	123 13:39:33	31			CC7SS	(1) SS SEARCH ENABLE	AACS		25480:50:719F	02-123/02:02:07	1ECa
710	123 13:39:33	31				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS	25480:50:719F	02-123/02:02:07	1ESa	
711	123 13:39:33	31			CC7PC	(327) IDET ACQUIRED	AACS		25480:50:719F	02-123/02:02:07	1ECa
712	123 13:39:33	31			CC7GARP	GYRO A OFF	PWR		25480:50:720F	02-123/02:02:07	1ECp
713	123 13:39:33	31			CC7GARP	GYRO A OFF	PWR		25480:50:722F	02-123/02:02:07	1ECp
714	123 13:39:33	31			CC7PC	(352) GYRO A OFF	AACS		25480:50:724F	02-123/02:02:07	1ECa
715	123 13:39:33	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		25480:50:725F	02-123/02:02:07	1ECp
716	123 13:39:33	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		25480:50:727F	02-123/02:02:07	1ECp
717	123 13:39:34	31			CC7PC	(312) DUMMY PWR CMD	AACS		25480:50:729F	02-123/02:02:07	1ECa
718	123 13:45:33	31			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		25480:58:319F	02-123/02:08:07	1ECa
719	123 13:46:38	31				GYROS OFF			25480:59:601F	02-123/02:09:11	1T

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
720	123 13:46:38	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		25480:59:602F	02-123/02:09:12	1ESa
721	123 13:46:38	31			CC7PC	(307) STAR ACQUIRED	AACS		25480:59:602F	02-123/02:09:12	1ECa
722	123 13:46:38	31			CC7GCRP	GYRO C OFF	PWR		25480:59:603F	02-123/02:09:12	1ECp
723	123 13:46:38	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		25480:59:603F	02-123/02:09:12	1ESa
724	123 13:46:38	31			CC7GCRP	GYRO C OFF	PWR		25480:59:605F	02-123/02:09:12	1ECp
725	123 13:46:38	31			CC7PC	(372) GYRO C OFF	AACS		25480:59:607F	02-123/02:09:12	1ECa
726	123 13:46:38	31			CC7GBRP	GYRO B OFF	PWR		25480:59:608F	02-123/02:09:12	1ECp
727	123 13:46:38	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS		25480:59:608F	02-123/02:09:12	1ESa
728	123 13:46:38	31			CC7GBRP	GYRO B OFF	PWR		25480:59:610F	02-123/02:09:12	1ECp
729	123 13:46:39	31			CC7PC	(362) GYRO B OFF	AACS		25480:59:612F	02-123/02:09:12	1ECa
730	123 13:46:39	31			CC7GARP	GYRO A OFF	PWR		25480:59:613F	02-123/02:09:12	1ECp
731	123 13:46:39	31			CC7GARP	GYRO A OFF	PWR		25480:59:615F	02-123/02:09:12	1ECp
732	123 13:46:39	31			CC7PC	(352) GYRO A OFF	AACS		25480:59:617F	02-123/02:09:12	1ECa
733	123 13:46:39	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		25480:59:617F	02-123/02:09:12	1ECp
734	123 13:46:39	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		25480:59:619F	02-123/02:09:13	1ECp
735	123 13:46:39	31			CC7PC	(312) DUMMY PWR CMD	AACS		25480:59:622F	02-123/02:09:13	1ECa

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
750	123 19:41:14	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:2344	DTR		25488:23:002F	02-123/08:03:48	1ESd
751	123 19:41:39	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		25488:23:426F	02-123/08:04:13	1ECd
752	123 19:41:39	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2354	DTR		25488:23:426F	02-123/08:04:13	1ESd
753	123 20:45:15	31	60RISE			10 DEGREE RISE DSC-60					1V
754	123 20:54:34	31	40 SET			10 DEGREE SET DSC-40					1V
755	123 21:55:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9031 (D/L ONLY)					1DP
756	123 22:38:38	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
757	123 22:38:38	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
758	123 22:39:26	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
759	123 22:39:26	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
760	123 22:41:14	31			CC16C	(7028) DTR STATE SELECT: READY	DTR		25492:08:002F	02-123/11:03:48	1ECd
761	123 22:41:14	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:2354	DTR		25492:08:002F	02-123/11:03:48	1ESd
762	123 22:42:02	31			SC32AJ	(10) PLS CONFIG CMD	FDS		25492:09:009F	02-123/11:04:36	1ECf

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
763	123 22:42:50	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		25492:10:009F	02-123/11:05:24	1ECf
764	123 22:43:34	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		25492:10:735F	02-123/11:06:08	1ECd
765	123 22:43:34	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:2354	DTR		25492:10:735F	02-123/11:06:08	1ESd
766	123 22:43:38	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	25492:11:001F	02-123/11:06:11	1ESf
767	123 22:43:38	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		25492:11:002F	02-123/11:06:12	1ECs
768	123 22:43:39	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		25492:11:026F	02-123/11:06:13	1ECf
769	123 22:44:26	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	25492:12:001F	02-123/11:06:59	1ESf
770	123 22:44:26	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		25492:12:002F	02-123/11:07:00	1ECd
771	123 22:44:26	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:2061	DTR		25492:12:002F	02-123/11:07:00	1ESd

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
772	123 22:44:26	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		25492:12:002F	02-123/11:07:00	1ECs
773	123 22:45:14	31			SC32AJ	(11) PLS CONFIG CMD	FDS		25492:13:009F	02-123/11:07:48	1ECF
774	124 00:00:00	31				VGR-31 OWLT IS 11H 37M 26S					1L
775	124 00:50:50	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		25494:50:002F	02-123/13:13:24	1ECd
776	124 00:50:50	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:2055	DTR		25494:50:002F	02-123/13:13:24	1ESd
777	124 01:04:12	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		25495:06:571F	02-123/13:26:46	1ECd
778	124 01:04:12	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2344	DTR		25495:06:571F	02-123/13:26:46	1ESd
779	124 03:50:51	31			CC16C	(7013) DTR STATE SELECT: READY	DTR		25498:35:002F	02-123/16:13:24	1ECd
780	124 03:50:51	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:2344	DTR		25498:35:002F	02-123/16:13:24	1ESd
781	124 04:18:08	31	10RISE			10 DEGREE RISE DSC-10					1V
782	124 04:47:39	31			AC7SSB	(4 +152) SS BIAS CONTROL --- YAW	AACS		25499:46:003F	02-123/17:10:12	1ECa
783	124 06:10:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9031					1DP
784	124 06:10:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9032 (D/L ONLY)					1DP
785	124 08:22:02	31	60 SET			10 DEGREE SET DSC-60					1V
786	124 11:45:00	31	43 AO	OPCH ACE		AOS DSS-43 PASS-9032 (D/L ONLY)					1DP
787	124 11:46:20	31	40RISE			10 DEGREE RISE DSC-40					1V

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
788	124 12:00:00	31				VGR-31 OWLT IS 11H 37M 27S					1L
789	124 12:05:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9032					1DP
790	124 15:47:54	31	10 SET			10 DEGREE SET DSC-10					1V
791	124 20:41:16	31	60RISE			10 DEGREE RISE DSC-60					1V
792	124 20:50:00	31	43 LO	OPCH ACE		LOS DSS-43 PASS-9032					1DP
793	124 20:50:35	31	40 SET			10 DEGREE SET DSC-40					1V
794	124 23:00:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9032 (D/L ONLY)					1DP
795	125 00:00:00	31				VGR-31 OWLT IS 11H 37M 28S					1L
796	125 04:14:09	31	10RISE			10 DEGREE RISE DSC-10					1V
797	125 06:05:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9033 (D/L ONLY)					1DP
798	125 06:25:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9032					1DP
799	125 08:18:05	31	60 SET			10 DEGREE SET DSC-60					1V
800	125 11:42:23	31	40RISE			10 DEGREE RISE DSC-40					1V
801	125 12:00:00	31				VGR-31 OWLT IS 11H 37M 29S					1L
802	125 13:00:00	31	43 AO	OPCH ACE		AOS DSS-43 PASS-9033 (D/L ONLY)					1DP
803	125 13:20:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9033					1DP
804	125 15:43:56	31	10 SET			10 DEGREE SET DSC-10					1V
805	125 19:10:00	31	43 LO	OPCH ACE		LOS DSS-43 PASS-9033					1DP
806	125 20:37:17	31	60RISE			10 DEGREE RISE DSC-60					1V
807	125 20:46:36	31	40 SET			10 DEGREE SET DSC-40					1V
808	125 22:42:05	31				AHELII PWSREC 25			25552:09:001F	02-125/11:04:35	1T
809	125 22:42:05	31				B- PWSREC.31			25552:09:001F	02-125/11:04:35	1TB
810	125 22:42:05	31				BEGIN PWSREC.31			25552:09:001F	02-125/11:04:35	1T

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
811	125 22:42:53	31				B- DRGS4B			25552:10:001F	02-125/11:05:23	1TB
812	125 22:43:37	31				BEGIN RECORDING PWS DATA			25552:10:734F	02-125/11:06:07	1T
813	125 22:43:42	31				B- DRCRUS			25552:11:018F	02-125/11:06:12	1TB
814	125 22:45:18	31				END PWSREC.31			25552:13:018F	02-125/11:07:48	1T
815	126 00:00:00	31				VGR-31 OWLT IS 11H 37M 29S					1L
816	126 04:10:10	31	10RISE			10 DEGREE RISE DSC-10					1V
817	126 04:55:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9034 (D/L ONLY)					1DP
818	126 08:14:08	31	60 SET			10 DEGREE SET DSC-60					1V
819	126 11:38:25	31	40RISE			10 DEGREE RISE DSC-40					1V
820	126 12:00:00	31				VGR-31 OWLT IS 11H 37M 30S					1L
821	126 12:20:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9034 (D/L ONLY)					1DP
822	126 12:40:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9034					1DP
823	126 13:45:00	31	34 AO	OPCH ACE		AOS DSS-34 PASS-9034 (D/L ONLY)					1DP
824	126 14:05:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9034					1DP
825	126 15:39:59	31	10 SET			10 DEGREE SET DSC-10					1V
826	126 18:40:00	31	34 LO	OPCH ACE		LOS DSS-34 PASS-9034					1DP
827	126 20:33:18	31	60RISE			10 DEGREE RISE DSC-60					1V
828	126 20:42:37	31	40 SET			10 DEGREE SET DSC-40					1V
829	126 21:45:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9034 (U/L PASS) PERFORM RFSTLC PER TELECOM MESSAGE					1DP
830	127 00:00:00	31				VGR-31 OWLT IS 11H 37M 31S					1L
831	127 04:06:11	31	10RISE			10 DEGREE RISE DSC-10					1V
832	127 05:10:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9035 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
833	127 05:20:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9034					1DP
834	127 08:10:10	31	60 SET			10 DEGREE SET DSC-60					1V
835	127 11:34:28	31	40RISE			10 DEGREE RISE DSC-40					1V
836	127 12:00:00	31				VGR-31 OWLT IS 11H 37M 32S					1L
837	127 14:20:00	31	34 AO	OPCH ACE		AOS DSS-34 PASS-9035 (D/L ONLY)					1DP
838	127 14:40:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9035					1DP
839	127 15:36:01	31	10 SET			10 DEGREE SET DSC-10					1V
840	127 16:14:44	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
841	127 16:14:44	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
842	127 16:15:32	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
843	127 16:15:32	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
844	127 16:18:08	31				BEGIN PWSREC.31			25604:09:001F	02-127/04:40:35	1T
845	127 16:18:08	31			SC32AJ	(10) PLS CONFIG CMD	FDS		25604:09:010F	02-127/04:40:36	1ECf
846	127 16:18:56	31				B- DRGS4B			25604:10:001F	02-127/04:41:23	1TB
847	127 16:18:56	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		25604:10:009F	02-127/04:41:24	1ECf
848	127 16:19:40	31				BEGIN RECORDING PWS DATA			25604:10:734F	02-127/04:42:07	1T
849	127 16:19:40	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		25604:10:735F	02-127/04:42:08	1ECd

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
850	127 16:19:40	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:3 TIC:2344	DTR		25604:10:735F	02-127/04:42:08	1ESd
851	127 16:19:44	31		ACE	OPCH	FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	25604:11:001F	02-127/04:42:11	1ESf
852	127 16:19:44	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		25604:11:002F	02-127/04:42:12	1ECs
853	127 16:19:45	31				B- DRCRUS			25604:11:018F	02-127/04:42:12	1TB
854	127 16:19:45	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		25604:11:026F	02-127/04:42:13	1ECf
855	127 16:20:32	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	25604:12:001F	02-127/04:42:59	1ESf
856	127 16:20:32	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		25604:12:002F	02-127/04:43:00	1ECs
857	127 16:20:32	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		25604:12:002F	02-127/04:43:00	1ECd
858	127 16:20:32	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:2636	DTR		25604:12:002F	02-127/04:43:00	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
859	127 16:21:20	31			SC32AJ	(11) PLS CONFIG CMD	FDS		25604:13:009F	02-127/04:43:48	1ECf
860	127 16:21:21	31				END PWSREC.31			25604:13:018F	02-127/04:43:48	1T
861	127 18:05:21	31			AC7SSB	(3 -008) SS BIAS CONTROL - PITCH	AACS		25606:23:003F	02-127/06:27:48	1ECa
862	127 18:40:00	31	34 LO	OPCH ACE		LOS DSS-34 PASS-9035					1DP
863	127 20:29:19	31	60RISE			10 DEGREE RISE DSC-60					1V
864	127 20:38:38	31	40 SET			10 DEGREE SET DSC-40					1V
865	127 21:40:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9035 (D/L ONLY)					1DP
866	128 00:00:00	31				VGR-31 OWLT IS 11H 37M 33S					1L
867	128 04:02:13	31	10RISE			10 DEGREE RISE DSC-10					1V
868	128 06:00:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9036 (D/L ONLY)					1DP
869	128 06:20:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9035					1DP
870	128 08:06:13	31	60 SET			10 DEGREE SET DSC-60					1V
871	128 11:30:31	31	40RISE			10 DEGREE RISE DSC-40					1V
872	128 12:00:00	31				VGR-31 OWLT IS 11H 37M 34S					1L
873	128 12:47:46	31			AC7SSB	(4 +151) SS BIAS CONTROL --- YAW	AACS		25629:46:003F	02-128/01:10:12	1ECa
874	128 14:45:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9036					1DP
875	128 15:32:04	31	10 SET			10 DEGREE SET DSC-10					1V
876	128 20:25:20	31	60RISE			10 DEGREE RISE DSC-60					1V
877	128 20:34:39	31	40 SET			10 DEGREE SET DSC-40					1V
878	128 23:10:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9036 (D/L ONLY)					1DP
879	129 00:00:00	31				VGR-31 OWLT IS 11H 37M 35S					1L
880	129 03:58:14	31	10RISE			10 DEGREE RISE DSC-10					1V
881	129 05:20:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9037 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
882	129 05:45:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9036					1DP
883	129 08:02:16	31	60 SET			10 DEGREE SET DSC-60					1V
884	129 11:26:34	31	40RISE			10 DEGREE RISE DSC-40					1V
885	129 12:00:00	31				VGR-31 OWLT IS 11H 37M 36S					1L
886	129 14:39:36	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN D/L CARRIER SIG LEVEL					11EC
887	129 14:44:36	31				X BAND LOW POWER			25662:12:001F	02-129/03:06:59	1T
888	129 14:44:36	31			DC2HR	X-BAND TWT LOW POWER	RFS		25662:12:002F	02-129/03:06:59	1ECr
889	129 14:48:36	31			CC1T	BAY 1 HTR ON	PWR		25662:17:002F	02-129/03:10:59	1ECp
890	129 14:48:37	31				END PWSPBA31			25662:17:018F	02-129/03:11:00	1T
891	129 14:55:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9037					1DP
892	129 15:28:07	31	10 SET			10 DEGREE SET DSC-10					1V
893	129 20:21:21	31	60RISE			10 DEGREE RISE DSC-60					1V
894	129 20:30:40	31	40 SET			10 DEGREE SET DSC-40					1V
895	129 21:30:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9037 (D/L ONLY)					1DP
896	130 00:00:00	31				VGR-31 OWLT IS 11H 37M 37S					1L
897	130 03:54:15	31	10RISE			10 DEGREE RISE DSC-10					1V
898	130 06:00:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9038 (D/L ONLY)					1DP
899	130 06:20:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9037					1DP
900	130 07:58:18	31	60 SET			10 DEGREE SET DSC-60					1V
901	130 11:22:36	31	40RISE			10 DEGREE RISE DSC-40					1V
902	130 12:00:00	31				VGR-31 OWLT IS 11H 37M 38S					1L
903	130 14:40:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9038					1DP
904	130 15:24:09	31	10 SET			10 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
918	130 22:18:15	31			SC32AJ	(10) PLS CONFIG CMD	FDS		25701:39:009F	02-130/10:40:36	1ECf
919	130 22:19:03	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		25701:40:009F	02-130/10:41:24	1ECf
920	130 22:19:47	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		25701:40:735F	02-130/10:42:08	1ECd
921	130 22:19:47	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:2055	DTR		25701:40:735F	02-130/10:42:08	1ESd
922	130 22:19:51	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	25701:41:001F	02-130/10:42:11	1ESf
923	130 22:19:51	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		25701:41:002F	02-130/10:42:12	1ECs
924	130 22:19:52	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		25701:41:026F	02-130/10:42:13	1ECf
925	130 22:20:39	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	25701:42:001F	02-130/10:42:59	1ESf
926	130 22:20:39	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		25701:42:002F	02-130/10:43:00	1ECs

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
927	130 22:20:39	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		25701:42:002F	02-130/10:43:00	1ECd
928	130 22:20:39	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:1763	DTR		25701:42:002F	02-130/10:43:00	1ESd
929	130 22:21:27	31			SC32AJ	(11) PLS CONFIG CMD	FDS		25701:43:009F	02-130/10:43:48	1ECf
930	131 00:00:00	31				VGR-31 OWLT IS 11H 37M 39S					1L
931	131 00:27:03	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		25704:20:002F	02-130/12:49:24	1ECd
932	131 00:27:03	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1756	DTR		25704:20:002F	02-130/12:49:24	1ESd
933	131 01:08:05	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		25705:11:235F	02-130/13:30:25	1ECd
934	131 01:08:05	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2643	DTR		25705:11:235F	02-130/13:30:25	1ESd
935	131 03:27:03	31			CC16C	(7013) DTR STATE SELECT: READY	DTR		25708:05:002F	02-130/15:49:24	1ECd
936	131 03:27:03	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:2643	DTR		25708:05:002F	02-130/15:49:24	1ESd
937	131 03:50:16	31	10RISE			10 DEGREE RISE DSC-10					1V
938	131 04:45:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9038					1DP
939	131 04:50:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9039 (D/L ONLY)					1DP
940	131 07:54:21	31	60 SET			10 DEGREE SET DSC-60					1V
941	131 11:18:39	31	40RISE			10 DEGREE RISE DSC-40					1V

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
942	131 12:00:00	31				VGR-31 OWLT IS 11H 37M 40S					1L
943	131 14:35:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9039					1DP
944	131 15:20:11	31	10 SET			10 DEGREE SET DSC-10					1V
945	131 20:13:23	31	60RISE			10 DEGREE RISE DSC-60					1V
946	131 20:22:42	31	40 SET			10 DEGREE SET DSC-40					1V
947	131 21:25:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9039 (D/L ONLY)					1DP
948	132 00:00:00	31				VGR-31 OWLT IS 11H 37M 41S					1L
949	132 03:46:17	31	10RISE			10 DEGREE RISE DSC-10					1V
950	132 05:55:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9040 (D/L ONLY)					1DP
951	132 06:15:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9039					1DP
952	132 07:50:23	31	60 SET			10 DEGREE SET DSC-60					1V
953	132 11:14:41	31	40RISE			10 DEGREE RISE DSC-40					1V
954	132 12:00:00	31				VGR-31 OWLT IS 11H 37M 42S					1L
955	132 14:30:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9040					1DP
956	132 15:16:14	31	10 SET			10 DEGREE SET DSC-10					1V
957	132 20:09:24	31	60RISE			10 DEGREE RISE DSC-60					1V
958	132 20:18:43	31	40 SET			10 DEGREE SET DSC-40					1V
959	132 20:47:55	31			AC7SSB	(4 +150) SS BIAS CONTROL --- YAW	AACS		25759:46:003F	02-132/09:10:12	1ECa
960	132 22:18:20	31				AHELII PWSREC 26			25761:39:001F	02-132/10:40:35	1T
961	132 22:18:20	31				B- PWSREC.31			25761:39:001F	02-132/10:40:35	1TB
962	132 22:18:20	31				BEGIN PWSREC.31			25761:39:001F	02-132/10:40:35	1T
963	132 22:19:08	31				B- DRGS4B			25761:40:001F	02-132/10:41:23	1TB
964	132 22:19:52	31				BEGIN RECORDING PWS DATA			25761:40:734F	02-132/10:42:07	1T

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT 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	132 22:19:57	31				B- DRCSR			25761:41:018F	02-132/10:42:12	1TB
966	132 22:21:33	31				END PWSREC.31			25761:43:018F	02-132/10:43:48	1T
967	133 00:00:00	31				VGR-31 OWLT IS 11H 37M 44S					1L
968	133 03:42:18	31	10RISE			10 DEGREE RISE DSC-10					1V
969	133 05:00:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9041 (D/L ONLY)					1DP
970	133 07:46:26	31	60 SET			10 DEGREE SET DSC-60					1V
971	133 08:31:57	31			AC7SSB	(3 -007) SS BIAS CONTROL - PITCH	AACS		25774:26:003F	02-132/20:54:12	1ECa
972	133 11:10:44	31	40RISE			10 DEGREE RISE DSC-40					1V
973	133 12:00:00	31				VGR-31 OWLT IS 11H 37M 45S					1L
974	133 14:10:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9041					1DP
975	133 15:12:16	31	10 SET			10 DEGREE SET DSC-10					1V
976	133 18:00:00	31	43 AO	OPCH ACE		AOS DSS-43 PASS-9041 (D/L ONLY)					1DP
977	133 20:05:25	31	60RISE			10 DEGREE RISE DSC-60					1V
978	133 20:14:44	31	40 SET			10 DEGREE SET DSC-40					1V
979	133 20:25:00	31	43 LO	OPCH ACE		LOS DSS-43 PASS-9041					1DP
980	133 22:30:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9041 (D/L ONLY)					1DP
981	134 00:00:00	31				VGR-31 OWLT IS 11H 37M 46S					1L
982	134 03:38:19	31	10RISE			10 DEGREE RISE DSC-10					1V
983	134 05:50:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9042 (D/L ONLY)					1DP
984	134 06:10:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9041					1DP
985	134 07:42:28	31	60 SET			10 DEGREE SET DSC-60					1V
986	134 11:06:46	31	40RISE			10 DEGREE RISE DSC-40					1V
987	134 12:00:00	31				VGR-31 OWLT IS 11H 37M 47S					1L

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
988	134 14:20:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9042					1DP
989	134 15:08:19	31	10 SET			10 DEGREE SET DSC-10					1V
990	134 15:51:00	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
991	134 15:51:00	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
992	134 15:51:48	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
993	134 15:51:48	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
994	134 15:54:24	31				BEGIN PWSREC.31			25813:39:001F	02-134/04:16:35	1T
995	134 15:54:24	31			SC32AJ	(10) PLS CONFIG CMD	FDS		25813:39:009F	02-134/04:16:36	1ECf
996	134 15:55:12	31				B- DRGS4B			25813:40:001F	02-134/04:17:23	1TB
997	134 15:55:12	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		25813:40:009F	02-134/04:17:24	1ECf
998	134 15:55:56	31				BEGIN RECORDING PWS DATA			25813:40:734F	02-134/04:18:07	1T
999	134 15:55:56	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		25813:40:735F	02-134/04:18:08	1ECd
1000	134 15:55:56	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:3 TIC:2643	DTR		25813:40:735F	02-134/04:18:08	1ESd

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1001	134 15:56:00	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	25813:41:001F	02-134/04:18:11	1ESf
1002	134 15:56:00	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		25813:41:002F	02-134/04:18:11	1ECs
1003	134 15:56:01	31				B- DRCRUS			25813:41:018F	02-134/04:18:12	1TB
1004	134 15:56:01	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		25813:41:026F	02-134/04:18:13	1ECf
1005	134 15:56:48	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	25813:42:001F	02-134/04:18:59	1ESf
1006	134 15:56:48	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		25813:42:002F	02-134/04:18:59	1ECs
1007	134 15:56:48	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		25813:42:002F	02-134/04:19:00	1ECd
1008	134 15:56:48	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:2935	DTR		25813:42:002F	02-134/04:19:00	1ESd
1009	134 15:57:36	31			SC32AJ	(11) PLS CONFIG CMD	FDS		25813:43:009F	02-134/04:19:48	1ECf
1010	134 15:57:37	31				END PWSREC.31			25813:43:018F	02-134/04:19:48	1T
1011	134 20:01:26	31	60RISE			10 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1012	134 20:10:45	31	40	SET		10 DEGREE SET DSC-40					1V
1013	134 21:40:00	31	63	AO	OPCH ACE	AOS DSS-63 PASS-9042 (U/L PASS) PERFORM RFSTLC PER TELECOM MESSAGE					1DP
1014	135 00:00:00	31				VGR-31 OWLT IS 11H 37M 49S					1L
1015	135 03:34:21	31	10	RISE		10 DEGREE RISE DSC-10					1V
1016	135 05:25:00	31	25	AO	OPCH ACE	AOS DSS-25 PASS-9043 (D/L ONLY)					1DP
1017	135 05:45:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-9042					1DP
1018	135 07:38:31	31	60	SET		10 DEGREE SET DSC-60					1V
1019	135 11:02:49	31	40	RISE		10 DEGREE RISE DSC-40					1V
1020	135 12:00:00	31				VGR-31 OWLT IS 11H 37M 50S					1L
1021	135 12:20:00	31	25	LO	OPCH ACE	LOS DSS-25 PASS-9043					1DP
1022	135 15:04:21	31	10	SET		10 DEGREE SET DSC-10					1V
1023	135 19:57:27	31	60	RISE		10 DEGREE RISE DSC-60					1V
1024	135 20:06:46	31	40	SET		10 DEGREE SET DSC-40					1V
1025	135 22:50:00	31	63	AO	OPCH ACE	AOS DSS-63 PASS-9043 (D/L ONLY)					1DP
1026	135 23:29:27	31			ACE OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1027	135 23:29:27	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
1028	135 23:33:40	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		25853:13:016F	02-135/11:55:48	1ECf

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1029	135 23:34:27	31		ACE OPCH			FDS	CE-40	25853:14:001F	02-135/11:56:35	1ESf
						FDS STATUS EL-40/X40/S40 MEM:PA/FDS11					
1030	135 23:34:27	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		25853:14:002F	02-135/11:56:35	1ECs
1031	135 23:47:52	31				A043 UPLINK WINDOW OPEN			25853:30:618F	02-135/12:10:00	1T
1032	136 00:00:00	31				VGR-31 OWLT IS 11H 37M 51S					1L
1033	136 01:14:16	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1034	136 01:14:16	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
1035	136 01:18:29	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		25855:24:019F	02-135/13:40:37	1ECf
1036	136 01:19:16	31		ACE OPCH			FDS	CR-5T	25855:25:001F	02-135/13:41:23	1ESf
						FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11					
1037	136 01:19:16	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		25855:25:002F	02-135/13:41:23	1ECs
1038	136 03:30:22	31	10RISE			10 DEGREE RISE DSC-10					1V
1039	136 05:25:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9044 (D/L ONLY)					1DP
1040	136 05:45:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9043					1DP

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1041	136 07:34:33	31	60	SET		10 DEGREE SET DSC-60					1V
1042	136 10:58:51	31	40	RISE		10 DEGREE RISE DSC-40					1V
1043	136 12:00:00	31				VGR-31 OWLT IS 11H 37M 53S					1L
1044	136 14:10:00	31	25	LO	OPCH ACE	LOS DSS-25 PASS-9044					1DP
1045	136 15:00:23	31	10	SET		10 DEGREE SET DSC-10					1V
1046	136 19:53:28	31	60	RISE		10 DEGREE RISE DSC-60					1V
1047	136 20:02:47	31	40	SET		10 DEGREE SET DSC-40					1V
1048	136 21:25:00	31	63	AO	OPCH ACE	AOS DSS-63 PASS-9044 (D/L ONLY)					1DP
1049	137 00:00:00	31				VGR-31 OWLT IS 11H 37M 54S					1L
1050	137 03:26:23	31	10	RISE		10 DEGREE RISE DSC-10					1V
1051	137 04:48:07	31			AC7SSB	(4 +149) SS BIAS CONTROL --- YAW	AACS		25889:46:003F	02-136/17:10:12	1ECa
1052	137 05:50:00	31	25	AO	OPCH ACE	AOS DSS-25 PASS-9045 (D/L ONLY)					1DP
1053	137 06:10:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-9044					1DP
1054	137 07:30:36	31	60	SET		10 DEGREE SET DSC-60					1V
1055	137 10:54:54	31	40	RISE		10 DEGREE RISE DSC-40					1V
1056	137 12:00:00	31				VGR-31 OWLT IS 11H 37M 56S					1L
1057	137 13:50:00	31	34	AO	OPCH ACE	AOS DSS-34 PASS-9045 (D/L ONLY)					1DP
1058	137 14:10:00	31	25	LO	OPCH ACE	LOS DSS-25 PASS-9045					1DP
1059	137 14:56:25	31	10	SET		10 DEGREE SET DSC-10					1V
1060	137 18:00:00	31	34	LO	OPCH ACE	LOS DSS-34 PASS-9045					1DP
1061	137 18:53:45	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		25907:23:002F	02-137/07:15:48	1ECd

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1062	137 18:53:45	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2942	DTR		25907:23:002F	02-137/07:15:48	1ESd
1063	137 19:48:37	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		25908:31:477F	02-137/08:10:40	1ECd
1064	137 19:48:37	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1756	DTR		25908:31:477F	02-137/08:10:40	1ESd
1065	137 19:49:29	31	60RISE			10 DEGREE RISE DSC-60					1V
1066	137 19:58:48	31	40 SET			10 DEGREE SET DSC-40					1V
1067	137 21:20:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9045 (D/L ONLY)					1DP
1068	137 21:51:09	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1069	137 21:51:09	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
1070	137 21:51:57	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1071	137 21:51:57	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
1072	137 21:53:45	31			CC16C	(7028) DTR STATE SELECT: READY	DTR		25911:08:002F	02-137/10:15:48	1ECd
1073	137 21:53:45	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:1756	DTR		25911:08:002F	02-137/10:15:48	1ESd
1074	137 21:54:33	31			SC32AJ	(10) PLS CONFIG CMD	FDS		25911:09:009F	02-137/10:16:36	1ECf

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1075	137 21:55:21	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		25911:10:009F	02-137/10:17:24	1ECf
1076	137 21:56:05	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		25911:10:735F	02-137/10:18:08	1ECd
1077	137 21:56:05	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:1756	DTR		25911:10:735F	02-137/10:18:08	1ESd
1078	137 21:56:09	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	25911:11:001F	02-137/10:18:11	1ESf
1079	137 21:56:09	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		25911:11:002F	02-137/10:18:12	1ECs
1080	137 21:56:10	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		25911:11:026F	02-137/10:18:13	1ECf
1081	137 21:56:57	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	25911:12:001F	02-137/10:18:59	1ESf
1082	137 21:56:57	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		25911:12:002F	02-137/10:18:59	1ECs
1083	137 21:56:57	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		25911:12:002F	02-137/10:19:00	1ECd

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1084	137 21:56:57	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:1464	DTR		25911:12:002F	02-137/10:19:00	1ESd
1085	137 21:57:45	31			SC32AJ	(11) PLS CONFIG CMD	FDS		25911:13:009F	02-137/10:19:48	1ECf
1086	138 00:00:00	31				VGR-31 OWLT IS 11H 37M 57S					1L
1087	138 00:03:21	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		25913:50:002F	02-137/12:25:24	1ECd
1088	138 00:03:21	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1457	DTR		25913:50:002F	02-137/12:25:24	1ESd
1089	138 01:12:04	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		25915:15:720F	02-137/13:34:07	1ECd
1090	138 01:12:04	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2942	DTR		25915:15:720F	02-137/13:34:07	1ESd
1091	138 03:03:22	31			CC16C	(7013) DTR STATE SELECT: READY	DTR		25917:35:002F	02-137/15:25:24	1ECd
1092	138 03:03:22	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:2942	DTR		25917:35:002F	02-137/15:25:24	1ESd
1093	138 03:22:24	31	10RISE			10 DEGREE RISE DSC-10					1V
1094	138 05:50:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9046 (D/L ONLY)					1DP
1095	138 06:10:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9045					1DP
1096	138 07:26:38	31	60 SET			10 DEGREE SET DSC-60					1V
1097	138 10:50:56	31	40RISE			10 DEGREE RISE DSC-40					1V
1098	138 12:00:00	31				VGR-31 OWLT IS 11H 37M 59S					1L

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1099	138 14:05:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9046					1DP
1100	138 14:52:28	31	10 SET			10 DEGREE SET DSC-10					1V
1101	138 19:45:30	31	60RISE			10 DEGREE RISE DSC-60					1V
1102	138 19:54:49	31	40 SET			10 DEGREE SET DSC-40					1V
1103	138 21:54:36	31				AHELII PWSREC 27			25941:09:001F	02-138/10:16:35	1T
1104	138 21:54:36	31				B- PWSREC.31			25941:09:001F	02-138/10:16:35	1TB
1105	138 21:54:36	31				BEGIN PWSREC.31			25941:09:001F	02-138/10:16:35	1T
1106	138 21:55:24	31				B- DRGS4B			25941:10:001F	02-138/10:17:23	1TB
1107	138 21:56:08	31				BEGIN RECORDING PWS DATA			25941:10:734F	02-138/10:18:07	1T
1108	138 21:56:13	31				B- DRCRUS			25941:11:018F	02-138/10:18:12	1TB
1109	138 21:57:49	31				END PWSREC.31			25941:13:018F	02-138/10:19:48	1T
1110	138 22:58:36	31			AC7SSB	(3 -006) SS BIAS CONTROL - PITCH	AACS		25942:29:003F	02-138/11:20:36	1ECa
1111	139 00:00:00	31				VGR-31 OWLT IS 11H 38M 00S					1L
1112	139 00:10:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9046 (D/L ONLY)					1DP
1113	139 03:18:25	31	10RISE			10 DEGREE RISE DSC-10					1V
1114	139 05:50:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9047 (D/L ONLY)					1DP
1115	139 06:10:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9046					1DP
1116	139 07:22:40	31	60 SET			10 DEGREE SET DSC-60					1V
1117	139 10:46:58	31	40RISE			10 DEGREE RISE DSC-40					1V
1118	139 12:00:00	31				VGR-31 OWLT IS 11H 38M 02S					1L
1119	139 14:00:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9047					1DP
1120	139 14:48:30	31	10 SET			10 DEGREE SET DSC-10					1V
1121	139 19:41:32	31	60RISE			10 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1122	139 19:50:50	31	40	SET		10 DEGREE SET DSC-40					1V
1123	140 00:00:00	31				VGR-31 OWLT IS 11H 38M 03S					1L
1124	140 00:30:00	31	54	AO	OPCH ACE	AOS DSS-54 PASS-9047 (D/L ONLY)					1DP
1125	140 03:14:26	31	10	RISE		10 DEGREE RISE DSC-10					1V
1126	140 04:10:00	31	15	AO	OPCH ACE	AOS DSS-15 PASS-9048 (D/L ONLY)					1DP
1127	140 04:30:00	31	54	LO	OPCH ACE	LOS DSS-54 PASS-9047					1DP
1128	140 07:18:43	31	60	SET		10 DEGREE SET DSC-60					1V
1129	140 10:43:00	31	40	RISE		10 DEGREE RISE DSC-40					1V
1130	140 12:00:00	31				VGR-31 OWLT IS 11H 38M 05S					1L
1131	140 14:00:00	31	15	LO	OPCH ACE	LOS DSS-15 PASS-9048					1DP
1132	140 14:44:32	31	10	SET		10 DEGREE SET DSC-10					1V
1133	140 19:37:33	31	60	RISE		10 DEGREE RISE DSC-60					1V
1134	140 19:46:51	31	40	SET		10 DEGREE SET DSC-40					1V
1135	140 20:13:06	31			ACE OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1136	140 20:18:06	31					DTR		25999:08:202F	02-140/08:40:00	1ESd
						DTR STATUS					
						MODE:RDY RATE:000.0K					
						DIR:F TRK:3 TIC:2942					
1137	140 20:18:06	31			ACE OPCH		FDS	CR-5T	25999:08:202F	02-140/08:40:00	1ESf
						FDS STATUS					
						CR-5T/X160/S10					
						MEM:PA/FDS11					
1138	140 20:47:30	31				BEGIN A043 O/L MINI-SEQ -- LOCK			25999:45:001F	02-140/09:09:23	1T
1139	140 21:20:00	31	65	AO	OPCH ACE	AOS DSS-65 PASS-9048 (D/L ONLY)					1DP
1140	140 22:14:42	31				B- UVSLEW			26001:34:001F	02-140/10:36:35	1TB

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1141	140 22:14:42	31				SLEW TO TEMP PARK			26001:34:001F	02-140/10:36:35	1T
1142	140 22:14:42	31				B- PLATPOB			26001:34:001F	02-140/10:36:35	1TB
1143	140 22:14:42	31			AC7SPK	(2 12 1 219 203) AZ SLEW R=LOW	AACS		26001:34:003F	02-140/10:36:36	1ECa
1144	140 22:14:42	31			AC7SPK	(1 12 2 079 170) EL SLEW R=LOW	AACS		26001:34:005F	02-140/10:36:36	1ECa
1145	140 22:56:59	31				B- SLEND			26002:26:668F	02-140/11:18:51	1TB
1146	140 22:56:59	31			SLEWEND	AZ=296.986 EL=160.015 CO=162.458			26002:26:668F	02-140/11:18:51	1T
1147	141 00:00:00	31				VGR-31 OWLT IS 11H 38M 07S					1L
1148	141 03:10:27	31	10RISE			10 DEGREE RISE DSC-10					1V
1149	141 05:25:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9049 (D/L ONLY)					1DP
1150	141 05:45:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9048					1DP
1151	141 07:14:45	31	60 SET			10 DEGREE SET DSC-60					1V
1152	141 10:39:03	31	40RISE			10 DEGREE RISE DSC-40					1V
1153	141 12:00:00	31				VGR-31 OWLT IS 11H 38M 08S					1L
1154	141 12:48:21	31			AC7SSB	(4 +148) SS BIAS CONTROL --- YAW	AACS		26019:46:003F	02-141/01:10:12	1ECa
1155	141 13:40:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9049					1DP
1156	141 14:40:34	31	10 SET			10 DEGREE SET DSC-10					1V
1157	141 15:27:21	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1158	141 15:27:21	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
1159	141 15:28:09	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1171	141 15:32:22	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		26023:11:026F	02-141/03:54:13	1ECf
1172	141 15:33:09	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	26023:12:001F	02-141/03:54:59	1ESf
1173	141 15:33:09	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		26023:12:002F	02-141/03:54:59	1ECs
1174	141 15:33:09	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		26023:12:002F	02-141/03:55:00	1ECd
1175	141 15:33:09	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:3234	DTR		26023:12:002F	02-141/03:55:00	1ESd
1176	141 15:33:57	31			SC32AJ	(11) PLS CONFIG CMD	FDS		26023:13:009F	02-141/03:55:48	1ECf
1177	141 15:33:58	31				END PWSREC.31			26023:13:018F	02-141/03:55:48	1T
1178	141 19:33:34	31	60RISE			10 DEGREE RISE DSC-60					1V
1179	141 19:42:52	31	40 SET			10 DEGREE SET DSC-40					1V
1180	141 21:15:00	31	65 AO	OPCH	ACE	AOS DSS-65 PASS-9049 (D/L ONLY)					1DP
1181	141 21:49:10	31				B- MISCMD			26031:02:001F	02-141/10:10:59	1TB
1182	141 21:49:10	31				MISCMD - WA REPL HTR OFF			26031:02:001F	02-141/10:10:59	1T
1183	141 21:49:10	31			CC36HR	ISS WA ELEC REPLACEMENT HTR OFF	PWR		26031:02:002F	02-141/10:10:59	1ECp
1184	141 21:51:10	31				B- MISCMD			26031:04:401F	02-141/10:12:59	1TB
1185	141 21:51:10	31				MISCMD - SCAN PLAT SUPL HTR ON			26031:04:401F	02-141/10:12:59	1T
1186	141 21:51:10	31			CC1PHP	SCAN PLAT SUPPLEMENTAL HEATER ON	PWR		26031:04:402F	02-141/10:12:59	1ECp

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1187	142 00:00:00	31				VGR-31 OWLT IS 11H 38M 10S					1L
1188	142 03:06:28	31	10RISE			10 DEGREE RISE DSC-10					1V
1189	142 04:45:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9050 (D/L ONLY)					1DP
1190	142 05:05:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9049					1DP
1191	142 07:10:47	31	60 SET			10 DEGREE SET DSC-60					1V
1192	142 07:11:23	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1193	142 07:11:23	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
1194	142 07:11:35	31				BEGIN PMPCALLR			26042:45:001F	02-141/19:33:23	1T
1195	142 07:15:35	31				B- DRCR5T			26042:50:001F	02-141/19:37:23	1TB
1196	142 07:15:35	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		26042:50:009F	02-141/19:37:24	1ECf
1197	142 07:16:23	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	26042:51:001F	02-141/19:38:11	1ESf
1198	142 07:16:23	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		26042:51:001F	02-141/19:38:11	1ECs
1199	142 07:22:47	31			SC06BY	(7) FDS PLS/MAG/PESCAL FLAG PLSCAL ENABLED MAGCAL ENABLED PESCAL ENABLED	FDS		26042:59:009F	02-141/19:44:36	1ECf
1200	142 07:23:35	31				BEGIN PLS/MAG/PESCAL			26043:00:001F	02-141/19:45:23	1T

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1201	142 09:05:59	31				END PLSCAL			26045:08:001F	02-141/21:27:47	1T
1202	142 10:26:00	31				END MAGCAL			26046:48:001F	02-141/22:47:47	1T
1203	142 10:35:05	31	40RISE			10 DEGREE RISE DSC-40					1V
1204	142 10:39:24	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1205	142 10:39:24	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
1206	142 10:43:36	31				END PESCAL			26047:10:001F	02-141/23:05:23	1T
1207	142 10:43:36	31				B- DRCRUS			26047:10:001F	02-141/23:05:23	1TB
1208	142 10:43:36	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		26047:10:010F	02-141/23:05:24	1ECf
1209	142 10:44:24	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	26047:11:001F	02-141/23:06:11	1ESf
1210	142 10:44:24	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		26047:11:002F	02-141/23:06:11	1ECs
1211	142 10:44:25	31				END PMPCALLR			26047:11:018F	02-141/23:06:12	1T
1212	142 12:00:00	31				VGR-31 OWLT IS 11H 38M 12S					1L
1213	142 13:50:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9050					1DP
1214	142 14:36:36	31	10 SET			10 DEGREE SET DSC-10					1V
1215	142 19:29:35	31	60RISE			10 DEGREE RISE DSC-60					1V
1216	142 19:38:53	31	40 SET			10 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1217	142 22:40:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9050 (U/L PASS) PERFORM RFSTLC PER TELECOM MESSAGE					1DP
1218	143 00:00:00	31				VGR-31 OWLT IS 11H 38M 14S					1L
1219	143 03:02:30	31	10RISE			10 DEGREE RISE DSC-10					1V
1220	143 05:05:00	31	63	OPCH 63		== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==					1TD
1221	143 05:05:00	31	63	OPCH 63		== TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL)					1TD
1222	143 05:06:00	31	63	OPCH 63		== TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN					1TD
1223	143 05:07:00	31	63	OPCH 63		== TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) ==					1TD
1224	143 05:25:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9051 (D/L ONLY)					1DP
1225	143 05:32:00	31	63	OPCH 63		== END TLC TEST UP-LINK == == TURN TRANSMITTER OFF == TUNE TO TSF @ 48 HZ/SEC (S-BAND)					1TD
1226	143 05:45:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9050					1DP
1227	143 07:06:49	31	60 SET			10 DEGREE SET DSC-60					1V
1228	143 10:31:07	31	40RISE			10 DEGREE RISE DSC-40					1V
1229	143 12:00:00	31				VGR-31 OWLT IS 11H 38M 15S					1L

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1230	143 13:45:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9051					1DP
1231	143 14:32:38	31	10 SET			10 DEGREE SET DSC-10					1V
1232	143 19:25:36	31	60RISE			10 DEGREE RISE DSC-60					1V
1233	143 19:34:54	31	40 SET			10 DEGREE SET DSC-40					1V
1234	143 23:30:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9051 (D/L ONLY)					1DP
1235	144 00:00:00	31				VGR-31 OWLT IS 11H 38M 17S					1L
1236	144 02:58:31	31	10RISE			10 DEGREE RISE DSC-10					1V
1237	144 04:18:54	31				B- RFSTLC			26099:09:001F	02-143/16:40:35	1TB
1238	144 04:48:37	31	63	OPCH 63		== START TLC TEST DOWN-LINK ==					1TD
1239	144 05:40:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9052 (D/L ONLY)					1DP
1240	144 05:49:37	31	63	OPCH 63		== END TLC TEST DOWN-LINK ==					1TD
1241	144 06:00:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9051					1DP
1242	144 07:02:51	31	60 SET			10 DEGREE SET DSC-60					1V
1243	144 10:27:09	31	40RISE			10 DEGREE RISE DSC-40					1V
1244	144 12:00:00	31				VGR-31 OWLT IS 11H 38M 19S					1L
1245	144 13:25:19	31			AC7SSB	(3 -005) SS BIAS CONTROL - PITCH	AACS		26110:32:003F	02-144/01:47:00	1ECa
1246	144 13:40:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9052					1DP
1247	144 14:28:40	31	10 SET			10 DEGREE SET DSC-10					1V
1248	144 18:30:08	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		26116:53:002F	02-144/06:51:48	1ECd

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1249	144 18:30:08	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3241	DTR		26116:53:002F	02-144/06:51:48	1ESd
1250	144 19:21:37	31	60RISE			10 DEGREE RISE DSC-60					1V
1251	144 19:30:55	31	40 SET			10 DEGREE SET DSC-40					1V
1252	144 19:52:42	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		26118:36:162F	02-144/08:14:21	1ECd
1253	144 19:52:42	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1457	DTR		26118:36:162F	02-144/08:14:21	1ESd
1254	144 21:09:12	31				B- MISCMD			26120:11:651F	02-144/09:30:50	1TB
1255	144 21:09:12	31				MISCMD - CST HIGH GATE VALUE			26120:11:651F	02-144/09:30:50	1T
1256	144 21:25:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9052 (U/L PASS)					1DP
1257	144 21:27:33	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1258	144 21:27:33	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
1259	144 21:28:21	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1260	144 21:28:21	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
1261	144 21:30:09	31			CC16C	(7028) DTR STATE SELECT: READY	DTR		26120:38:002F	02-144/09:51:48	1ECd

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1262	144 21:30:09	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:1457	DTR		26120:38:002F	02-144/09:51:48	1ESd
1263	144 21:30:57	31			SC32AJ	(10) PLS CONFIG CMD	FDS		26120:39:009F	02-144/09:52:36	1ECf
1264	144 21:31:45	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		26120:40:009F	02-144/09:53:24	1ECf
1265	144 21:32:29	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		26120:40:735F	02-144/09:54:08	1ECd
1266	144 21:32:29	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:1457	DTR		26120:40:735F	02-144/09:54:08	1ESd
1267	144 21:32:33	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	26120:41:001F	02-144/09:54:11	1ESf
1268	144 21:32:33	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		26120:41:002F	02-144/09:54:12	1ECs
1269	144 21:32:34	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		26120:41:026F	02-144/09:54:13	1ECf
1270	144 21:33:21	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	26120:42:001F	02-144/09:54:59	1ESf

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1271	144 21:33:21	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		26120:42:002F	02-144/09:55:00	1ECs
1272	144 21:33:21	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		26120:42:002F	02-144/09:55:00	1ECd
1273	144 21:33:21	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:1165	DTR		26120:42:002F	02-144/09:55:00	1ESd
1274	144 21:34:09	31			SC32AJ	(11) PLS CONFIG CMD	FDS		26120:43:009F	02-144/09:55:48	1ECf
1275	144 21:34:45	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1276	144 21:38:45	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1277	144 21:38:57	31				B- MISCMD			26120:49:001F	02-144/10:00:35	1TB
1278	144 21:38:57	31				MISCMD - AACS MRO			26120:49:001F	02-144/10:00:35	1T
1279	144 21:38:57	31			SC06BB	(53 0 07 1) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : MEMORY	FDS		26120:49:009F	02-144/10:00:36	1ECf
1280	144 21:39:45	31				B- MISCMD			26120:50:001F	02-144/10:01:23	1TB
1281	144 21:39:45	31				MISCMD - R/O PROP & CST HIGH GAT			26120:50:001F	02-144/10:01:23	1T
1282	144 21:39:45	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	26120:50:001F	02-144/10:01:23	1ESf
1283	144 21:39:45	31			AC7MLD	(7210) MISC LOGIC CNTL MEM DUMP	AACS		26120:50:003F	02-144/10:01:24	1ECa
1284	144 21:42:57	31				B- MISCMD			26120:54:001F	02-144/10:04:35	1TB
1285	144 21:42:57	31				MISCMD - CR5T			26120:54:001F	02-144/10:04:35	1T

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1286	144 21:42:57	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		26120:54:009F	02-144/10:04:36	1ECf
1287	144 21:43:45	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	26120:55:001F	02-144/10:05:23	1ESf
1288	144 23:39:45	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		26123:20:002F	02-144/12:01:24	1ECd
1289	144 23:39:45	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1158	DTR		26123:20:002F	02-144/12:01:24	1ESd
1290	144 23:55:33	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1291	144 23:55:33	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
1292	144 23:59:45	31				B- DREL40			26123:45:001F	02-144/12:21:23	1TB
1293	144 23:59:45	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		26123:45:009F	02-144/12:21:24	1ECf
1294	145 00:00:00	31				VGR-31 OWLT IS 11H 38M 21S					1L
1295	145 00:00:33	31		ACE OPCH		FDS STATUS EL-40/X40/S40 MEM:PA/FDS11	FDS	CE-40	26123:46:001F	02-144/12:22:11	1ESf

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1296	145 00:00:33	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		26123:46:002F	02-144/12:22:11	1ECs
1297	145 00:15:45	31				B- UVSLEW			26124:05:001F	02-144/12:37:23	1TB
1298	145 00:15:45	31				SLEW TO EL ONLY			26124:05:001F	02-144/12:37:23	1T
1299	145 00:15:45	31				B- PLATPOB			26124:05:001F	02-144/12:37:23	1TB
1300	145 00:15:45	31			AC7SPK	(1 12 1 114 215) EL SLEW R=LOW	AACS		26124:05:003F	02-144/12:37:24	1ECa
1301	145 00:26:07	31				B- SLEND			26124:17:768F	02-144/12:47:45	1TB
1302	145 00:26:07	31			SLEWEND	AZ=296.958 EL=110.058 CO=113.454			26124:17:768F	02-144/12:47:45	1T
1303	145 01:16:09	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		26125:20:405F	02-144/13:37:48	1ECd
1304	145 01:16:09	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3241	DTR		26125:20:405F	02-144/13:37:48	1ESd
1305	145 01:18:57	31				B- PASS.3			26125:24:001F	02-144/13:40:35	1TB
1306	145 01:18:57	31				B- PASS.2			26125:24:001F	02-144/13:40:35	1TB
1307	145 01:18:57	31				B- PASS.3			26125:24:001F	02-144/13:40:35	1TB
1308	145 01:26:45	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1309	145 01:26:45	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
1310	145 01:30:57	31				B- DRCR5T			26125:39:001F	02-144/13:52:35	1TB
1311	145 01:30:57	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		26125:39:009F	02-144/13:52:36	1ECf

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1312	145 01:31:45	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	26125:40:001F	02-144/13:53:23	1ESf
1313	145 01:31:45	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		26125:40:002F	02-144/13:53:23	1ECs
1314	145 02:39:45	31			CC16C	(7013) DTR STATE SELECT: READY	DTR		26127:05:002F	02-144/15:01:24	1ECd
1315	145 02:39:45	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:3241	DTR		26127:05:002F	02-144/15:01:24	1ESd
1316	145 02:54:32	31	10RISE			10 DEGREE RISE DSC-10					1V
1317	145 05:40:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9053 (D/L ONLY)					1DP
1318	145 06:00:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9052					1DP
1319	145 06:58:53	31	60 SET			10 DEGREE SET DSC-60					1V
1320	145 10:23:11	31	40RISE			10 DEGREE RISE DSC-40					1V
1321	145 12:00:00	31				VGR-31 OWLT IS 11H 38M 23S					1L
1322	145 13:40:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9053					1DP
1323	145 14:24:42	31	10 SET			10 DEGREE SET DSC-10					1V
1324	145 19:17:38	31	60RISE			10 DEGREE RISE DSC-60					1V
1325	145 19:26:56	31	40 SET			10 DEGREE SET DSC-40					1V
1326	145 20:45:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9053 (D/L ONLY)					1DP
1327	145 20:48:36	31			AC7SSB	(4 +147) SS BIAS CONTROL --- YAW	AACS		26149:46:003F	02-145/09:10:12	1ECa
1328	145 21:31:01	31				AHEL11 PWSREC 28			26150:39:001F	02-145/09:52:35	1T
1329	145 21:31:01	31				B- PWSREC.31			26150:39:001F	02-145/09:52:35	1TB

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1330	145 21:31:01	31				BEGIN PWSREC.31			26150:39:001F	02-145/09:52:35	1T
1331	145 21:31:49	31				B- DRGS4B			26150:40:001F	02-145/09:53:23	1TB
1332	145 21:32:33	31				BEGIN RECORDING PWS DATA			26150:40:734F	02-145/09:54:07	1T
1333	145 21:32:38	31				B- DRCRUS			26150:41:018F	02-145/09:54:12	1TB
1334	145 21:34:14	31				END PWSREC.31			26150:43:018F	02-145/09:55:48	1T
1335	146 00:00:00	31				VGR-31 OWLT IS 11H 38M 25S					1L
1336	146 02:50:33	31	10RISE			10 DEGREE RISE DSC-10					1V
1337	146 05:40:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9054 (D/L ONLY)					1DP
1338	146 06:00:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9053					1DP
1339	146 06:54:55	31	60 SET			10 DEGREE SET DSC-60					1V
1340	146 10:19:13	31	40RISE			10 DEGREE RISE DSC-40					1V
1341	146 12:00:00	31				VGR-31 OWLT IS 11H 38M 27S					1L
1342	146 13:40:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9054					1DP
1343	146 14:20:44	31	10 SET			10 DEGREE SET DSC-10					1V
1344	146 19:13:39	31	60RISE			10 DEGREE RISE DSC-60					1V
1345	146 19:22:57	31	40 SET			10 DEGREE SET DSC-40					1V
1346	147 00:00:00	31				VGR-31 OWLT IS 11H 38M 29S					1L
1347	147 02:46:34	31	10RISE			10 DEGREE RISE DSC-10					1V
1348	147 03:55:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9055 (D/L ONLY)					1DP
1349	147 06:50:57	31	60 SET			10 DEGREE SET DSC-60					1V
1350	147 10:15:15	31	40RISE			10 DEGREE RISE DSC-40					1V
1351	147 12:00:00	31				VGR-31 OWLT IS 11H 38M 31S					1L
1352	147 13:20:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9055					1DP

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1372	148 15:08:00	31				B- DRGS4B			26232:40:001F	02-148/03:29:23	1TB
1373	148 15:08:00	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		26232:40:009F	02-148/03:29:24	1ECf
1374	148 15:08:44	31				BEGIN RECORDING PWS DATA			26232:40:734F	02-148/03:30:07	1T
1375	148 15:08:44	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		26232:40:735F	02-148/03:30:08	1ECd
1376	148 15:08:44	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:3 TIC:3241	DTR		26232:40:735F	02-148/03:30:08	1ESd
1377	148 15:08:48	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	26232:41:001F	02-148/03:30:11	1ESf
1378	148 15:08:48	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		26232:41:002F	02-148/03:30:12	1ECs
1379	148 15:08:49	31				B- DRCRUS			26232:41:018F	02-148/03:30:12	1TB
1380	148 15:08:49	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		26232:41:026F	02-148/03:30:13	1ECf
1381	148 15:09:36	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	26232:42:001F	02-148/03:30:59	1ESf

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1382	148 15:09:36	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		26232:42:002F	02-148/03:30:59	1ECs
1383	148 15:09:36	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		26232:42:002F	02-148/03:31:00	1ECd
1384	148 15:09:36	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:3533	DTR		26232:42:002F	02-148/03:31:00	1ESd
1385	148 15:10:24	31			SC32AJ	(11) PLS CONFIG CMD	FDS		26232:43:009F	02-148/03:31:48	1ECf
1386	148 15:10:25	31				END PWSREC.31			26232:43:018F	02-148/03:31:48	1T
1387	148 15:20:48	31				B- DTRMA-1.31			26232:56:001F	02-148/03:42:11	1TB
1388	148 15:20:48	31				BEGIN DTRMA131			26232:56:001F	02-148/03:42:11	1T
1389	148 15:20:48	31			CC16C	(2217) DTR STATE SELECT: SLEW	DTR		26232:56:001F	02-148/03:42:11	1ECd
1390	148 15:20:48	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:7 TIC:3540	DTR		26232:56:001F	02-148/03:42:11	1ESd
1391	148 15:22:54	31			EOT	END OF TAPE			26232:58:495F	02-148/03:44:17	1Ed
1392	148 18:04:48	31			CC16C	(2228) DTR STATE SELECT: SLEW	DTR		26236:21:001F	02-148/06:26:11	1ECd
1393	148 18:04:48	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:8 TIC:3585	DTR		26236:21:001F	02-148/06:26:11	1ESd
1394	148 18:04:48	31			EOT	END OF TAPE			26236:21:010F	02-148/06:26:12	1Ed
1395	148 19:05:41	31	60RISE			10 DEGREE RISE DSC-60					1V
1396	148 19:15:00	31	40 SET			10 DEGREE SET DSC-40					1V
1397	148 20:15:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9056 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1398	148 20:41:34	31			BOT	BEGIN OF TAPE			26239:36:749F	02-148/09:02:56	1Ed
1399	148 20:44:47	31				TAPE AT BOT			26239:40:768F	02-148/09:06:09	1T
1400	148 20:44:47	31				END DTRMA131			26239:40:768F	02-148/09:06:09	1T
1401	148 20:48:49	31				TAPPOS-3540			26239:46:001F	02-148/09:10:11	1T
1402	148 20:48:49	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		26239:46:001F	02-148/09:10:11	1ECd
1403	148 20:48:49	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0199	DTR		26239:46:001F	02-148/09:10:11	1ESd
1404	148 20:48:49	31			BOT	BEGIN OF TAPE			26239:46:010F	02-148/09:10:12	1Ed
1405	148 23:23:27	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		26242:59:239F	02-148/11:44:50	1ECd
1406	148 23:23:27	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3540	DTR		26242:59:239F	02-148/11:44:50	1ESd
1407	148 23:24:01	31				B- MISCMD			26243:00:001F	02-148/11:45:23	1TB
1408	148 23:24:01	31				MISCMD - BR2 B/U HTR ON			26243:00:001F	02-148/11:45:23	1T
1409	148 23:24:01	31			CC10E	AP THRUSTER BRANCH 2 HEATERS ON	PWR		26243:00:002F	02-148/11:45:23	1ECp
1410	148 23:35:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9056 (U/L PASS) PERFORM RFSTLC PER TELECOM MESSAGE					1DP
1411	148 23:36:49	31				REV/TRK 4			26243:16:001F	02-148/11:58:11	1T
1412	148 23:36:49	31			CC16C	(7024) DTR STATE SELECT: READY	DTR		26243:16:001F	02-148/11:58:11	1ECd
1413	148 23:36:49	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:3540	DTR		26243:16:001F	02-148/11:58:11	1ESd

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1414	148 23:54:25	31				B- MISCMD			26243:38:001F	02-148/12:15:47	1TB
1415	148 23:54:25	31				MISCMD - DISABLE TCAPUF			26243:38:001F	02-148/12:15:47	1T
1416	148 23:54:27	31				B- MISCMD			26243:38:034F	02-148/12:15:49	1TB
1417	148 23:54:27	31				MISCMD - ANGLE LIMIT			26243:38:034F	02-148/12:15:49	1T
1418	148 23:54:27	31				B- MISCMD			26243:38:034F	02-148/12:15:49	1TB
1419	148 23:54:27	31				MISCMD - PULSE LIMIT			26243:38:034F	02-148/12:15:49	1T
1420	148 23:54:27	31				B- MISCMD			26243:38:034F	02-148/12:15:49	1TB
1421	148 23:54:27	31				MISCMD - NFLTXY			26243:38:034F	02-148/12:15:49	1T
1422	148 23:54:27	31				B- MISCMD			26243:38:034F	02-148/12:15:49	1TB
1423	148 23:54:27	31				MISCMD - FLAG			26243:38:034F	02-148/12:15:49	1T
1424	148 23:54:27	31				B- MISCMD			26243:38:034F	02-148/12:15:49	1TB
1425	148 23:54:27	31				MISCMD - TURN ANGLE LIMIT			26243:38:034F	02-148/12:15:49	1T
1426	148 23:54:27	31				B- MISCMD			26243:38:034F	02-148/12:15:49	1TB
1427	148 23:54:27	31				MISCMD - BR2 B/U HTR OFF			26243:38:034F	02-148/12:15:49	1T
1428	148 23:54:27	31				B- MISCMD			26243:38:034F	02-148/12:15:49	1TB
1429	148 23:54:27	31				MISCMD - AP P/Y BR2			26243:38:034F	02-148/12:15:49	1T
1430	148 23:54:27	31				B- MISCMD			26243:38:034F	02-148/12:15:49	1TB
1431	148 23:54:27	31				MISCMD - ACTCM			26243:38:034F	02-148/12:15:49	1T
1432	148 23:54:27	31				B- MISCMD			26243:38:034F	02-148/12:15:49	1TB
1433	148 23:54:27	31				MISCMD - FORCE MODE INIT			26243:38:034F	02-148/12:15:49	1T
1434	148 23:54:27	31			AC7PAR	(7600 047040) PARAMETER LOAD	AACS		26243:38:037F	02-148/12:15:50	1ECa
1435	148 23:54:27	31			AC7PAR	(7601 002734) PARAMETER LOAD	AACS		26243:38:039F	02-148/12:15:50	1ECa
1436	148 23:54:27	31			AC7PAR	(7603 000000) PARAMETER LOAD	AACS		26243:38:041F	02-148/12:15:50	1ECa

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT 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	149 00:00:01	31				B- MISCMD			26243:45:001F	02-148/12:21:23	1TB
1461	149 00:00:01	31				MISCMD - AACS MRO			26243:45:001F	02-148/12:21:23	1T
1462	149 00:00:01	31			SC06BB	(53 0 07 1) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : MEMORY	FDS		26243:45:009F	02-148/12:21:24	1ECf
1463	149 00:00:49	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	26243:46:001F	02-148/12:22:11	1ESf
1464	149 00:01:37	31				B- MISCMD			26243:47:001F	02-148/12:22:59	1TB
1465	149 00:01:37	31				MISCMD - R/O APPW LINK			26243:47:001F	02-148/12:22:59	1T
1466	149 00:01:37	31			AC7MLD	(2330) MISC LOGIC CNTL MEM DUMP	AACS		26243:47:003F	02-148/12:23:00	1ECa
1467	149 00:02:25	31				B- MISCMD			26243:48:001F	02-148/12:23:47	1TB
1468	149 00:02:25	31				MISCMD - R/O TANGLM			26243:48:001F	02-148/12:23:47	1T
1469	149 00:02:25	31			AC7MLD	(4320) MISC LOGIC CNTL MEM DUMP	AACS		26243:48:003F	02-148/12:23:48	1ECa
1470	149 00:03:13	31				B- MISCMD			26243:49:001F	02-148/12:24:35	1TB
1471	149 00:03:13	31				MISCMD - R/O ACTCM			26243:49:001F	02-148/12:24:35	1T
1472	149 00:03:13	31			AC7MLD	(5350) MISC LOGIC CNTL MEM DUMP	AACS		26243:49:003F	02-148/12:24:36	1ECa
1473	149 00:04:01	31				B- MISCMD			26243:50:001F	02-148/12:25:23	1TB
1474	149 00:04:01	31				MISCMD - R/O RPXY/RPZ/TCMIV			26243:50:001F	02-148/12:25:23	1T
1475	149 00:04:01	31			AC7MLD	(6640) MISC LOGIC CNTL MEM DUMP	AACS		26243:50:003F	02-148/12:25:24	1ECa
1476	149 00:07:13	31				B- MISCMD			26243:54:001F	02-148/12:28:35	1TB
1477	149 00:07:13	31				MISCMD - R/O FLAG & TCAPUF			26243:54:001F	02-148/12:28:35	1T
1478	149 00:07:13	31			AC7MLD	(7530) MISC LOGIC CNTL MEM DUMP	AACS		26243:54:003F	02-148/12:28:36	1ECa

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1495	149 20:15:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9057 (D/L ONLY)					1DP
1496	150 00:00:00	31				VGR-31 OWLT IS 11H 38M 42S					1L
1497	150 02:34:38	31	10RISE			10 DEGREE RISE DSC-10					1V
1498	150 02:39:18	31				B- UVSLEW			26277:04:001F	02-149/15:00:35	1TB
1499	150 02:39:18	31				SLEW TO HELIO-1A			26277:04:001F	02-149/15:00:35	1T
1500	150 02:39:18	31				B- PLATPOB			26277:04:001F	02-149/15:00:35	1TB
1501	150 02:39:18	31			AC7SPK	(1 12 1 135 216) EL SLEW R=LOW	AACS		26277:04:003F	02-149/15:00:36	1ECa
1502	150 02:39:18	31			AC7SPK	(2 12 2 222 177) AZ SLEW R=LOW	AACS		26277:04:005F	02-149/15:00:36	1ECa
1503	150 02:46:10	31				B- SLEND			26277:12:468F	02-149/15:07:27	1TB
1504	150 02:46:10	31			SLEWEND	AZ=299.984 EL=80.049 CO=83.986			26277:12:468F	02-149/15:07:27	1T
1505	150 03:52:06	31			AC7SSB	(3 -004) SS BIAS CONTROL - PITCH	AACS		26278:35:003F	02-149/16:13:24	1ECa
1506	150 04:48:54	31			AC7SSB	(4 +146) SS BIAS CONTROL --- YAW	AACS		26279:46:003F	02-149/17:10:12	1ECa
1507	150 05:35:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9058 (D/L ONLY)					1DP
1508	150 05:55:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9057					1DP
1509	150 06:39:03	31	60 SET			10 DEGREE SET DSC-60					1V
1510	150 10:03:21	31	40RISE			10 DEGREE RISE DSC-40					1V
1511	150 12:00:00	31				VGR-31 OWLT IS 11H 38M 44S					1L
1512	150 13:20:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9058					1DP
1513	150 14:04:52	31	10 SET			10 DEGREE SET DSC-10					1V
1514	150 18:57:43	31	60RISE			10 DEGREE RISE DSC-60					1V
1515	150 19:07:02	31	40 SET			10 DEGREE SET DSC-40					1V
1516	150 23:20:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9058 (D/L ONLY)					1DP
1517	151 00:00:00	31				VGR-31 OWLT IS 11H 38M 46S					1L

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1518	151 02:30:39	31	10RISE			10 DEGREE RISE DSC-10					1V
1519	151 02:39:23	31				B- UVSLEW			26307:04:001F	02-150/15:00:35	1TB
1520	151 02:39:23	31				SLEW TO HELIO-2A			26307:04:001F	02-150/15:00:35	1T
1521	151 02:39:23	31				B- PLATPOB			26307:04:001F	02-150/15:00:35	1TB
1522	151 02:39:23	31			AC7SPK	(1 12 1 128 129) EL SLEW R=LOW	AACS		26307:04:003F	02-150/15:00:36	1ECa
1523	151 02:39:23	31			AC7SPL	(2 12 1 255 044) AZ SLEW R=LOW	AACS		26307:04:005F	02-150/15:00:36	1ECa
1524	151 02:41:41	31				B- SLEND			26307:06:701F	02-150/15:02:53	1TB
1525	151 02:41:41	31			SLEWEND	AZ=299.953 EL=90.016 CO=93.941			26307:06:701F	02-150/15:02:53	1T
1526	151 04:55:00	31	63	OPCH	63	== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==					1TD
1527	151 04:55:00	31	63	OPCH	63	== TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL)					1TD
1528	151 04:56:00	31	63	OPCH	63	== TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN					1TD
1529	151 04:57:00	31	63	OPCH	63	== TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) ==					1TD
1530	151 05:22:00	31	63	OPCH	63	== END TLC TEST UP-LINK == == TURN TRANSMITTER OFF == TUNE TO TSF @ 48 HZ/SEC (S-BAND)					1TD
1531	151 05:30:00	31	15 AO	OPCH	ACE	AOS DSS-15 PASS-9059 (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
1532	151 05:55:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9058					1DP
1533	151 06:35:05	31	60 SET			10 DEGREE SET DSC-60					1V
1534	151 09:59:23	31	40RISE			10 DEGREE RISE DSC-40					1V
1535	151 12:00:00	31				VGR-31 OWLT IS 11H 38M 48S					1L
1536	151 13:15:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9059					1DP
1537	151 14:00:53	31	10 SET			10 DEGREE SET DSC-10					1V
1538	151 18:06:37	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		26326:23:002F	02-151/06:27:48	1ECd
1539	151 18:06:37	31					DTR		26326:23:002F	02-151/06:27:48	1ESd
						DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3540					
1540	151 18:53:45	31	60RISE			10 DEGREE RISE DSC-60					1V
1541	151 19:03:03	31	40 SET			10 DEGREE SET DSC-40					1V
1542	151 19:56:52	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		26328:40:642F	02-151/08:18:02	1ECd
1543	151 19:56:52	31					DTR		26328:40:642F	02-151/08:18:02	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1158					
1544	151 21:04:02	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1545	151 21:04:02	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
1546	151 21:04:50	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

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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
1547	151 21:04:50	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
1548	151 21:06:38	31			CC16C	(7028) DTR STATE SELECT: READY	DTR		26330:08:002F	02-151/09:27:48	1ECd
1549	151 21:06:38	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:1158	DTR		26330:08:002F	02-151/09:27:48	1ESd
1550	151 21:07:26	31			SC32AJ	(10) PLS CONFIG CMD	FDS		26330:09:009F	02-151/09:28:36	1ECf
1551	151 21:08:14	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		26330:10:009F	02-151/09:29:24	1ECf
1552	151 21:08:58	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		26330:10:735F	02-151/09:30:08	1ECd
1553	151 21:08:58	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:1158	DTR		26330:10:735F	02-151/09:30:08	1ESd
1554	151 21:09:02	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	26330:11:001F	02-151/09:30:11	1ESf
1555	151 21:09:02	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		26330:11:002F	02-151/09:30:12	1ECs

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1556	151 21:09:03	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		26330:11:026F	02-151/09:30:13	1ECf
1557	151 21:09:50	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	26330:12:001F	02-151/09:30:59	1ESf
1558	151 21:09:50	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		26330:12:002F	02-151/09:31:00	1ECs
1559	151 21:09:50	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		26330:12:002F	02-151/09:31:00	1ECd
1560	151 21:09:50	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:0866	DTR		26330:12:002F	02-151/09:31:00	1ESd
1561	151 21:10:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9059 (D/L ONLY)					1DP
1562	151 21:10:38	31			SC32AJ	(11) PLS CONFIG CMD	FDS		26330:13:009F	02-151/09:31:48	1ECf
1563	151 23:16:14	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		26332:50:002F	02-151/11:37:24	1ECd
1564	151 23:16:14	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0859	DTR		26332:50:002F	02-151/11:37:24	1ESd
1565	152 00:00:00	31				VGR-31 OWLT IS 11H 38M 51S					1L
1566	152 01:20:20	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		26335:25:090F	02-151/13:41:29	1ECd
1567	152 01:20:20	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3540	DTR		26335:25:090F	02-151/13:41:29	1ESd

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1568	152 02:16:15	31			CC16C	(7024) DTR STATE SELECT: READY	DTR		26336:35:002F	02-151/14:37:24	1ECd
1569	152 02:16:15	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:3540	DTR	26336:35:002F	02-151/14:37:24	1ESd	
1570	152 02:26:40	31	10RISE			10 DEGREE RISE DSC-10					1V
1571	152 02:39:27	31				B- UVSLEW		26337:04:001F	02-151/15:00:35	1TB	
1572	152 02:39:27	31				SLEW TO HELIO-3A		26337:04:001F	02-151/15:00:35	1T	
1573	152 02:39:27	31				B- PLATPOA		26337:04:001F	02-151/15:00:35	1TB	
1574	152 02:39:27	31			AC7SPK	(1 12 2 120 138) EL SLEW R=LOW	AACS	26337:04:003F	02-151/15:00:36	1ECa	
1575	152 02:41:47	31				B- SLEND		26337:06:734F	02-151/15:02:55	1TB	
1576	152 02:41:47	31			SLEWEND	AZ=299.953 EL=101.007 CO=104.865		26337:06:734F	02-151/15:02:55	1T	
1577	152 04:09:03	31				B- RFSTLC		26338:56:001F	02-151/16:30:11	1TB	
1578	152 04:39:43	31	65	OPCH 65		== START TLC TEST DOWN-LINK ==					1TD
1579	152 05:25:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9060 (D/L ONLY)					1DP
1580	152 05:40:43	31	65	OPCH 65		== END TLC TEST DOWN-LINK ==					1TD
1581	152 05:45:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9059					1DP
1582	152 06:31:07	31	60 SET			10 DEGREE SET DSC-60					1V
1583	152 09:55:25	31	40RISE			10 DEGREE RISE DSC-40					1V
1584	152 12:00:00	31				VGR-31 OWLT IS 11H 38M 53S					1L
1585	152 12:55:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9060					1DP
1586	152 13:56:55	31	10 SET			10 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1587	152 18:49:46	31	60RISE			10 DEGREE RISE DSC-60					1V
1588	152 18:59:04	31	40 SET			10 DEGREE SET DSC-40					1V
1589	152 21:07:31	31				AHELII PWSREC 29			26360:09:001F	02-152/09:28:35	1T
1590	152 21:07:31	31				B- PWSREC.31			26360:09:001F	02-152/09:28:35	1TB
1591	152 21:07:31	31				BEGIN PWSREC.31			26360:09:001F	02-152/09:28:35	1T
1592	152 21:08:19	31				B- DRGS4B			26360:10:001F	02-152/09:29:23	1TB
1593	152 21:09:03	31				BEGIN RECORDING PWS DATA			26360:10:734F	02-152/09:30:07	1T
1594	152 21:09:08	31				B- DRCRUS			26360:11:018F	02-152/09:30:12	1TB
1595	152 21:10:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9060 (D/L ONLY)					1DP
1596	152 21:10:44	31				END PWSREC.31			26360:13:018F	02-152/09:31:48	1T
1597	153 00:00:00	31				VGR-31 OWLT IS 11H 38M 55S					1L
1598	153 02:22:41	31	10RISE			10 DEGREE RISE DSC-10					1V
1599	153 02:39:32	31				B- UVSLEW			26367:04:001F	02-152/15:00:35	1TB
1600	153 02:39:32	31				SLEW TO HELIO-4A			26367:04:001F	02-152/15:00:35	1T
1601	153 02:39:32	31				B- PLATPOA			26367:04:001F	02-152/15:00:35	1TB
1602	153 02:39:32	31			AC7SPK	(1 12 2 114 085) EL SLEW R=LOW	AACS		26367:04:003F	02-152/15:00:36	1ECa
1603	153 02:41:27	31				B- SLEND			26367:06:318F	02-152/15:02:30	1TB
1604	153 02:41:27	31			SLEWEND	AZ=299.953 EL=110.004 CO=113.811			26367:06:318F	02-152/15:02:30	1T
1605	153 05:35:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9061 (D/L ONLY)					1DP
1606	153 05:55:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9060					1DP
1607	153 06:27:09	31	60 SET			10 DEGREE SET DSC-60					1V
1608	153 09:51:27	31	40RISE			10 DEGREE RISE DSC-40					1V
1609	153 12:00:00	31				VGR-31 OWLT IS 11H 38M 58S					1L

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1610	153 12:35:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9061					1DP
1611	153 13:52:57	31	10 SET			10 DEGREE SET DSC-10					1V
1612	153 18:45:47	31	60RISE			10 DEGREE RISE DSC-60					1V
1613	153 18:55:05	31	40 SET			10 DEGREE SET DSC-40					1V
1614	153 21:05:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9061 (D/L ONLY)					1DP
1615	154 00:00:00	31				VGR-31 OWLT IS 11H 39M 00S					1L
1616	154 02:18:43	31	10RISE			10 DEGREE RISE DSC-10					1V
1617	154 02:39:37	31				B- UVSLEW			26397:04:001F	02-153/15:00:35	1TB
1618	154 02:39:37	31				SLEW TO HELIO-5A			26397:04:001F	02-153/15:00:35	1T
1619	154 02:39:37	31				B- PLATPOA			26397:04:001F	02-153/15:00:35	1TB
1620	154 02:39:37	31			AC7SPK	(1 12 1 105 040) EL SLEW R=LOW	AACS		26397:04:003F	02-153/15:00:36	1ECa
1621	154 02:42:15	31				B- SLEND			26397:07:234F	02-153/15:03:13	1TB
1622	154 02:42:15	31			SLEWEND	AZ=299.953 EL=122.506 CO=126.237			26397:07:234F	02-153/15:03:13	1T
1623	154 05:20:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9062 (D/L ONLY)					1DP
1624	154 05:40:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9061					1DP
1625	154 06:23:11	31	60 SET			10 DEGREE SET DSC-60					1V
1626	154 09:47:29	31	40RISE			10 DEGREE RISE DSC-40					1V
1627	154 12:00:00	31				VGR-31 OWLT IS 11H 39M 03S					1L
1628	154 12:45:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9062					1DP
1629	154 12:49:15	31			AC7SSB	(4 +145) SS BIAS CONTROL --- YAW	AACS		26409:46:003F	02-154/01:10:12	1ECa
1630	154 13:48:59	31	10 SET			10 DEGREE SET DSC-10					1V
1631	154 18:41:48	31	60RISE			10 DEGREE RISE DSC-60					1V
1632	154 18:51:07	31	40 SET			10 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1633	154 21:10:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9062 (D/L ONLY)					1DP
1634	154 21:49:17	31				B- GYONAB.31			26421:01:001F	02-154/10:10:11	1TB
1635	154 21:49:17	31				BEGIN GYONAB31			26421:01:001F	02-154/10:10:11	1T
1636	154 21:49:17	31			AC7GYP	(000) DRIRU PATTERN CONTROL GYRO/AXIS=A/PITCH & YAW B/ROLL	AACS		26421:01:003F	02-154/10:10:12	1ECa
1637	154 21:49:17	31			CC7GCRP	GYRO C OFF	PWR		26421:01:004F	02-154/10:10:12	1ECp
1638	154 21:49:17	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS		26421:01:004F	02-154/10:10:12	1ESa
1639	154 21:49:17	31			CC7GCRP	GYRO C OFF	PWR		26421:01:006F	02-154/10:10:12	1ECp
1640	154 21:49:17	31			CC7PC	(372) GYRO C OFF	AACS		26421:01:008F	02-154/10:10:12	1ECa
1641	154 21:49:17	31			CC7GBP	GYRO B ON	PWR		26421:01:009F	02-154/10:10:12	1ECp
1642	154 21:49:17	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		26421:01:009F	02-154/10:10:12	1ESa
1643	154 21:49:18	31			CC7GBP	GYRO B ON	PWR		26421:01:011F	02-154/10:10:12	1ECp
1644	154 21:49:18	31			CC7PC	(363) GYRO B ON	AACS		26421:01:013F	02-154/10:10:12	1ECa
1645	154 21:49:18	31			CC7GAP	GYRO A ON	PWR		26421:01:014F	02-154/10:10:12	1ECp
1646	154 21:49:18	31				AACS STATUS MODE : CRU GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		26421:01:014F	02-154/10:10:12	1ESa
1647	154 21:49:18	31			CC7GAP	GYRO A ON	PWR		26421:01:016F	02-154/10:10:12	1ECp

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1648	154 21:49:18	31			CC7PC	(353) GYRO A ON	AACS		26421:01:018F	02-154/10:10:12	1ECa
1649	154 21:49:46	31				DRIRU INITIALIZATION			26421:01:484F	02-154/10:10:40	1T
1650	154 21:49:47	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		26421:01:502F	02-154/10:10:42	1ECa
1651	154 21:50:16	31				SET CALIB			26421:02:184F	02-154/10:11:10	1T
1652	154 21:50:17	31			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		26421:02:204F	02-154/10:11:12	1ECa
1653	154 21:59:16	31				START GYRO FAULT TEST			26421:13:384F	02-154/10:20:10	1T
1654	154 21:59:17	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		26421:13:402F	02-154/10:20:12	1ECa
1655	154 21:59:18	31				END GYONAB31			26421:13:418F	02-154/10:20:12	1T
1656	155 00:00:00	31				VGR-31 OWLT IS 11H 39M 05S					1L
1657	155 02:14:44	31	10RISE			10 DEGREE RISE DSC-10					1V
1658	155 02:39:42	31				B- UVSLEW			26427:04:001F	02-154/15:00:35	1TB
1659	155 02:39:42	31				SLEW TO HELIO-6A			26427:04:001F	02-154/15:00:35	1T
1660	155 02:39:42	31				B- PLATPOA			26427:04:001F	02-154/15:00:35	1TB
1661	155 02:39:42	31			AC7SPK	(1 12 2 100 171) EL SLEW R=LOW	AACS		26427:04:003F	02-154/15:00:36	1ECa
1662	155 02:41:19	31				B- SLEND			26427:06:018F	02-154/15:02:12	1TB
1663	155 02:41:19	31			SLEWEND	AZ=299.953 EL=129.990 CO=133.698			26427:06:018F	02-154/15:02:12	1T
1664	155 05:25:00	31	14	AO	OPCH ACE	AOS DSS-14 PASS-9063 (U/L PASS) PERFORM RFSTLC PER TELECOM MESSAGE					1DP
1665	155 05:45:00	31	65	LO	OPCH ACE	LOS DSS-65 PASS-9062					1DP
1666	155 06:19:12	31	60	SET		10 DEGREE SET DSC-60					1V
1667	155 09:15:00	31	14		OPCH 14	== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==					1TD

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1668	155 09:15:00	31	14	OPCH 14		== TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL)					1TD
1669	155 09:16:00	31	14	OPCH 14		== TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN					1TD
1670	155 09:17:00	31	14	OPCH 14		== TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) ==					1TD
1671	155 09:25:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9063 (D/L ONLY)					1DP
1672	155 09:42:00	31	14	OPCH 14		== END TLC TEST UP-LINK == == TURN TRANSMITTER OFF == TUNE TO TSF @ 48 HZ/SEC (S-BAND)					1TD
1673	155 09:43:30	31	40RISE			10 DEGREE RISE DSC-40					1V
1674	155 09:45:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-9063					1DP
1675	155 12:00:00	31				VGR-31 OWLT IS 11H 39M 08S					1L
1676	155 12:50:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9063					1DP
1677	155 13:45:01	31	10 SET			10 DEGREE SET DSC-10					1V
1678	155 14:40:20	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
1679	155 14:40:20	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
1680	155 14:41:08	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1681	155 14:41:08	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
1682	155 14:43:44	31				BEGIN PWSREC.31			26442:09:001F	02-155/03:04:35	1T
1683	155 14:43:44	31			SC32AJ	(10) PLS CONFIG CMD	FDS		26442:09:010F	02-155/03:04:36	1ECF
1684	155 14:44:32	31				B- DRGS4B			26442:10:001F	02-155/03:05:23	1TB
1685	155 14:44:32	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		26442:10:009F	02-155/03:05:24	1ECF
1686	155 14:45:16	31				BEGIN RECORDING PWS DATA			26442:10:734F	02-155/03:06:07	1T
1687	155 14:45:16	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		26442:10:735F	02-155/03:06:08	1ECd
1688	155 14:45:16	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:4 TIC:3540	DTR		26442:10:735F	02-155/03:06:08	1ESd
1689	155 14:45:20	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE -----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	26442:11:001F	02-155/03:06:11	1ESf
1690	155 14:45:20	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		26442:11:002F	02-155/03:06:12	1ECs
1691	155 14:45:21	31				B- DRCRUS			26442:11:018F	02-155/03:06:12	1TB

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1692	155 14:45:21	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		26442:11:026F	02-155/03:06:13	1ECf
1693	155 14:46:08	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	26442:12:001F	02-155/03:06:59	1ESf
1694	155 14:46:08	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		26442:12:002F	02-155/03:06:59	1ECs
1695	155 14:46:08	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		26442:12:002F	02-155/03:07:00	1ECd
1696	155 14:46:08	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:3247	DTR		26442:12:002F	02-155/03:07:00	1ESd
1697	155 14:46:56	31			SC32AJ	(11) PLS CONFIG CMD	FDS		26442:13:009F	02-155/03:07:48	1ECf
1698	155 14:46:57	31				END PWSREC.31			26442:13:018F	02-155/03:07:48	1T
1699	155 18:18:57	31			AC7SSB	(3 -003) SS BIAS CONTROL - PITCH	AACS		26446:38:003F	02-155/06:39:48	1ECa
1700	155 18:37:49	31	60RISE			10 DEGREE RISE DSC-60					1V
1701	155 18:47:08	31	40 SET			10 DEGREE SET DSC-40					1V
1702	155 19:50:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9063 (D/L ONLY)					1DP
1703	156 00:00:00	31				VGR-31 OWLT IS 11H 39M 10S					1L
1704	156 02:10:45	31	10RISE			10 DEGREE RISE DSC-10					1V
1705	156 02:39:47	31				B- UVSLEW			26457:04:001F	02-155/15:00:35	1TB
1706	156 02:39:47	31				SLEW TO HELIO-7A			26457:04:001F	02-155/15:00:35	1T
1707	156 02:39:47	31				B- PLATPOA			26457:04:001F	02-155/15:00:35	1TB

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1708	156 02:39:47	31			AC7SPK	(1 12 2 094 118) EL SLEW R=LOW	AACS		26457:04:003F	02-155/15:00:36	1ECa
1709	156 02:41:42	31				B- SLEND			26457:06:318F	02-155/15:02:30	1TB
1710	156 02:41:42	31			SLEWEND	AZ=299.953 EL=138.992 CO=142.582			26457:06:318F	02-155/15:02:30	1T
1711	156 05:10:00	31	25	AO	OPCH ACE	AOS DSS-25 PASS-9064 (D/L ONLY)					1DP
1712	156 05:30:00	31	65	LO	OPCH ACE	LOS DSS-65 PASS-9063					1DP
1713	156 06:15:14	31	60	SET		10 DEGREE SET DSC-60					1V
1714	156 08:29:24	31				B- RFSTLC			26464:21:001F	02-155/20:50:11	1TB
1715	156 09:00:24	31	25		OPCH 25						1TD
						== START TLC TEST DOWN-LINK ==					
1716	156 09:39:32	31	40	RISE		10 DEGREE RISE DSC-40					1V
1717	156 10:01:24	31	25		OPCH 25						1TD
						== END TLC TEST DOWN-LINK ==					
1718	156 12:00:00	31				VGR-31 OWLT IS 11H 39M 13S					1L
1719	156 12:40:00	31	25	LO	OPCH ACE	LOS DSS-25 PASS-9064					1DP
1720	156 13:41:02	31	10	SET		10 DEGREE SET DSC-10					1V
1721	156 18:33:51	31	60	RISE		10 DEGREE RISE DSC-60					1V
1722	156 18:43:09	31	40	SET		10 DEGREE SET DSC-40					1V
1723	156 19:45:00	31	65	AO	OPCH ACE	AOS DSS-65 PASS-9064 (D/L ONLY)					1DP
1724	157 00:00:00	31				VGR-31 OWLT IS 11H 39M 15S					1L
1725	157 02:06:47	31	10	RISE		10 DEGREE RISE DSC-10					1V
1726	157 02:39:52	31				B- UVSLEW			26487:04:001F	02-156/15:00:35	1TB
1727	157 02:39:52	31				SLEW TO HELIO-8A			26487:04:001F	02-156/15:00:35	1T
1728	157 02:39:52	31				B- PLATPOA			26487:04:001F	02-156/15:00:35	1TB

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1729	157 02:39:52	31			AC7SPK	(1 12 1 086 127) EL SLEW R=LOW	AACS		26487:04:003F	02-156/15:00:36	1ECa
1730	157 02:42:12	31				B- SLEND			26487:06:734F	02-156/15:02:55	1TB
1731	157 02:42:12	31			SLEWEND	AZ=299.953 EL=149.991 CO=153.361			26487:06:734F	02-156/15:02:55	1T
1732	157 05:25:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9064					1DP
1733	157 05:25:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9065 (D/L ONLY)					1DP
1734	157 06:11:16	31	60 SET			10 DEGREE SET DSC-60					1V
1735	157 09:35:34	31	40RISE			10 DEGREE RISE DSC-40					1V
1736	157 12:00:00	31				VGR-31 OWLT IS 11H 39M 18S					1L
1737	157 12:50:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9065					1DP
1738	157 13:37:04	31	10 SET			10 DEGREE SET DSC-10					1V
1739	157 18:29:52	31	60RISE			10 DEGREE RISE DSC-60					1V
1740	157 18:39:10	31	40 SET			10 DEGREE SET DSC-40					1V
1741	157 21:05:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9065 (D/L ONLY)					1DP
1742	157 21:15:20	31	65	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
1743	157 21:26:08	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1744	157 21:26:08	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
1745	157 21:30:20	31				B- ASCAL			26510:37:001F	02-157/09:50:59	1TB

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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
1746	157 21:30:20	31				B- DREL40			26510:37:001F	02-157/09:50:59	1TB
1747	157 21:30:20	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		26510:37:009F	02-157/09:51:00	1ECf
1748	157 21:30:20	31	65	OPCH	65	START ASCAL =====					1TD
						DSS-65: MONITOR X-BD AGC VARIATIONS DURING ASCAL IF X-BD RCVR DROPS LOCK INITIATE AUTO ACQUIRE					
1749	157 21:31:08	31		ACE	OPCH		FDS	CE-40	26510:38:001F	02-157/09:51:47	1ESf
						FDS STATUS EL-40/X40/S40 MEM:PA/FDS11					
1750	157 21:31:08	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		26510:38:002F	02-157/09:51:48	1ECs
1751	157 21:46:20	31				.05 ALL AXES DEADBAND			26510:57:001F	02-157/10:06:59	1T
1752	157 21:46:20	31			AC7DDB	(000480) CHG TO .05 DEG DEADBAND	AACS		26510:57:003F	02-157/10:07:00	1ECa
1753	157 22:02:20	31			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		26511:17:002F	02-157/10:23:00	1ECa
1754	157 22:02:20	31				AACS STATUS MODE : AAI GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		26511:17:002F	02-157/10:23:00	1ESa
1755	157 22:02:20	31			CC7GCRP	GYRO C OFF	PWR		26511:17:003F	02-157/10:23:00	1ECp
1756	157 22:02:20	31			CC7GCRP	GYRO C OFF	PWR		26511:17:005F	02-157/10:23:00	1ECp
1757	157 22:02:20	31			CC7PC	(372) GYRO C OFF	AACS		26511:17:007F	02-157/10:23:00	1ECa

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1758	157 22:02:20	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		26511:17:007F	02-157/10:23:00	1ECp
1759	157 22:02:20	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		26511:17:010F	02-157/10:23:00	1ECp
1760	157 22:02:21	31			CC7PC	(312) DUMMY PWR CMD	AACS		26511:17:012F	02-157/10:23:00	1ECa
1761	157 22:03:07	31	65	OPCH 65		ASCAL =====					1TD
						START YAW DRIFT TURNS					
1762	157 22:03:08	31				START FIRST YAW DRIFT TURN			26511:18:001F	02-157/10:23:47	1T
1763	157 22:03:08	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		26511:18:004F	02-157/10:23:48	1ECa
1764	157 22:07:08	31			AC7PAR	(7015 764220) PARAMETER LOAD	AACS		26511:23:003F	02-157/10:27:48	1ECa
1765	157 22:15:08	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		26511:33:003F	02-157/10:35:48	1ECa
1766	157 22:19:08	31			AC7PAR	(7015 000000) PARAMETER LOAD	AACS		26511:38:004F	02-157/10:39:48	1ECa
1767	157 22:19:08	31	65	OPCH 65		ASCAL =====					1TD
						END YAW DRIFT TURNS					
1768	157 22:19:09	31				END THIRD YAW DRIFT TURN			26511:38:018F	02-157/10:39:48	1T
1769	157 22:19:55	31	65	OPCH 65		ASCAL =====					1TD
						START PITCH DRIFT TURNS					
1770	157 22:19:56	31				START FIRST PITCH DRIFT TURN			26511:39:001F	02-157/10:40:35	1T
1771	157 22:19:56	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		26511:39:003F	02-157/10:40:36	1ECa
1772	157 22:23:56	31			AC7PAR	(7014 764220) PARAMETER LOAD	AACS		26511:44:004F	02-157/10:44:36	1ECa
1773	157 22:31:56	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		26511:54:004F	02-157/10:52:36	1ECa
1774	157 22:35:56	31			AC7PAR	(7014 000000) PARAMETER LOAD	AACS		26511:59:003F	02-157/10:56:36	1ECa

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1775	157 22:35:56	31	65	OPCH 65		ASCAL ===== END PITCH DRIFT TURNS					1TD
1776	157 22:35:57	31				END THIRD PITCH DRIFT TURN			26511:59:018F	02-157/10:56:36	1T
1777	157 22:37:02	31				B- MISCMD			26512:00:301F	02-157/10:57:41	1TB
1778	157 22:37:02	31				MISCMD - RESET CALIB			26512:00:301F	02-157/10:57:41	1T
1779	157 22:37:02	31			AC7PAR	(7530 000000) PARAMETER LOAD	AACS		26512:00:304F	02-157/10:57:42	1ECa
1780	157 22:37:32	31			CC7SS	(1) SS SEARCH ENABLE	AACS		26512:01:001F	02-157/10:58:11	1ECa
1781	157 22:37:32	31				AACS STATUS MODE : RAI GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS	26512:01:001F	02-157/10:58:11	1ESa	
1782	157 22:37:32	31			CC7PC	(327) IDET ACQUIRED	AACS		26512:01:002F	02-157/10:58:12	1ECa
1783	157 22:37:32	31			CC7GCRP	GYRO C OFF	PWR		26512:01:003F	02-157/10:58:12	1ECp
1784	157 22:37:32	31			CC7GCRP	GYRO C OFF	PWR		26512:01:005F	02-157/10:58:12	1ECp
1785	157 22:37:32	31			CC7PC	(372) GYRO C OFF	AACS		26512:01:007F	02-157/10:58:12	1ECa
1786	157 22:37:32	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		26512:01:008F	02-157/10:58:12	1ECp
1787	157 22:37:32	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		26512:01:010F	02-157/10:58:12	1ECp
1788	157 22:37:33	31			CC7PC	(312) DUMMY PWR CMD	AACS		26512:01:012F	02-157/10:58:12	1ECa
1789	157 22:38:08	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1790	157 22:38:08	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
1791	157 22:39:08	31			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		26512:03:002F	02-157/10:59:47	1ECa

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1792	157 22:40:13	31				AACS STATUS MODE : CRU GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		26512:04:285F	02-157/11:00:52	1ESa
1793	157 22:40:13	31			CC7PC	(307) STAR ACQUIRED	AACS		26512:04:286F	02-157/11:00:53	1ECa
1794	157 22:40:13	31			CC7GCRP	GYRO C OFF	PWR		26512:04:286F	02-157/11:00:53	1ECp
1795	157 22:40:13	31			CC7GCRP	GYRO C OFF	PWR		26512:04:288F	02-157/11:00:53	1ECp
1796	157 22:40:13	31			CC7PC	(372) GYRO C OFF	AACS		26512:04:290F	02-157/11:00:53	1ECa
1797	157 22:40:13	31			CC7GBRP	GYRO B OFF	PWR		26512:04:291F	02-157/11:00:53	1ECp
1798	157 22:40:13	31				AACS STATUS MODE : CRU GYRO A: ON HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS		26512:04:291F	02-157/11:00:53	1ESa
1799	157 22:40:13	31			CC7GBRP	GYRO B OFF	PWR		26512:04:293F	02-157/11:00:53	1ECp
1800	157 22:40:14	31			CC7PC	(362) GYRO B OFF	AACS		26512:04:295F	02-157/11:00:53	1ECa
1801	157 22:40:14	31			CC7GARP	GYRO A OFF	PWR		26512:04:296F	02-157/11:00:53	1ECp
1802	157 22:40:14	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS		26512:04:296F	02-157/11:00:53	1ESa
1803	157 22:40:14	31			CC7GARP	GYRO A OFF	PWR		26512:04:298F	02-157/11:00:53	1ECp
1804	157 22:40:14	31			CC7PC	(352) GYRO A OFF	AACS		26512:04:300F	02-157/11:00:53	1ECa
1805	157 22:40:14	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		26512:04:301F	02-157/11:00:53	1ECp
1806	157 22:40:14	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		26512:04:303F	02-157/11:00:54	1ECp
1807	157 22:40:14	31			CC7PC	(312) DUMMY PWR CMD	AACS		26512:04:305F	02-157/11:00:54	1ECa

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1808	157 22:42:20	31				B- DRCRUS			26512:07:001F	02-157/11:02:59	1TB
1809	157 22:42:20	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		26512:07:009F	02-157/11:03:00	1ECf
1810	157 22:43:08	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	26512:08:001F	02-157/11:03:47	1ESf
1811	157 22:43:08	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		26512:08:002F	02-157/11:03:47	1ECs
1812	157 22:48:44	31				B- YAWDB			26512:15:001F	02-157/11:09:23	1TB
1813	157 22:48:44	31				YAWDB - .10			26512:15:001F	02-157/11:09:23	1T
1814	157 22:48:44	31				B- ROLLDB			26512:15:001F	02-157/11:09:23	1TB
1815	157 22:48:44	31				ROLLDB - .25			26512:15:001F	02-157/11:09:23	1T
1816	157 22:48:44	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		26512:15:004F	02-157/11:09:24	1ECa
1817	157 22:48:44	31			AC7PAR	(6742 004540) +ROLL DB=.25 DEG	AACS		26512:15:006F	02-157/11:09:24	1ECa
1818	157 22:48:45	31	65	OPCH	65	END ASCAL					1TD
1819	158 00:00:00	31				VGR-31 OWLT IS 11H 39M 21S					1L
1820	158 02:02:48	31	10RISE			10 DEGREE RISE DSC-10					1V
1821	158 02:39:57	31				B- UVSLEW			26517:04:001F	02-157/15:00:35	1TB
1822	158 02:39:57	31				SLEW TO HELIO-9A			26517:04:001F	02-157/15:00:35	1T
1823	158 02:39:57	31				B- PLATPOA			26517:04:001F	02-157/15:00:35	1TB
1824	158 02:39:57	31			AC7SPK	(1 12 1 079 028) EL SLEW R=LOW	AACS		26517:04:003F	02-157/15:00:36	1ECa

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1825	158 02:42:08	31				B- SLEND			26517:06:584F	02-157/15:02:46	1TB
1826	158 02:42:08	31			SLEWEND	AZ=299.953 EL=160.313 CO=163.239			26517:06:584F	02-157/15:02:46	1T
1827	158 04:55:00	31	15	AO	OPCH ACE	AOS DSS-15 PASS-9066 (D/L ONLY)					1DP
1828	158 05:15:00	31	65	LO	OPCH ACE	LOS DSS-65 PASS-9065					1DP
1829	158 06:07:18	31	60	SET		10 DEGREE SET DSC-60					1V
1830	158 09:31:36	31	40	RISE		10 DEGREE RISE DSC-40					1V
1831	158 12:00:00	31				VGR-31 OWLT IS 11H 39M 23S					1L
1832	158 12:45:00	31	15	LO	OPCH ACE	LOS DSS-15 PASS-9066					1DP
1833	158 13:33:06	31	10	SET		10 DEGREE SET DSC-10					1V
1834	158 17:43:13	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		26535:53:002F	02-158/06:03:48	1ECd
1835	158 17:43:13	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3241	DTR		26535:53:002F	02-158/06:03:48	1ESd
1836	158 18:25:53	31	60	RISE		10 DEGREE RISE DSC-60					1V
1837	158 18:35:12	31	40	SET		10 DEGREE SET DSC-40					1V
1838	158 19:33:27	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		26538:10:636F	02-158/07:54:02	1ECd
1839	158 19:33:27	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:0859	DTR		26538:10:636F	02-158/07:54:02	1ESd
1840	158 20:20:00	31	65	AO	OPCH ACE	AOS DSS-65 PASS-9066 (D/L ONLY)					1DP
1841	158 20:40:37	31			ACE OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1842	158 20:40:37	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
1843	158 20:41:25	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
1844	158 20:41:25	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
1845	158 20:43:13	31			CC16C	(7028) DTR STATE SELECT: READY	DTR		26539:38:002F	02-158/09:03:48	1ECd
1846	158 20:43:13	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:0859	DTR		26539:38:002F	02-158/09:03:48	1ESd
1847	158 20:44:01	31			SC32AJ	(10) PLS CONFIG CMD	FDS		26539:39:009F	02-158/09:04:36	1ECf
1848	158 20:44:49	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		26539:40:009F	02-158/09:05:24	1ECf
1849	158 20:45:33	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		26539:40:735F	02-158/09:06:08	1ECd
1850	158 20:45:33	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:0859	DTR		26539:40:735F	02-158/09:06:08	1ESd
1851	158 20:45:37	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	26539:41:001F	02-158/09:06:11	1ESF

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1852	158 20:45:37	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		26539:41:002F	02-158/09:06:12	1ECs
1853	158 20:45:38	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		26539:41:026F	02-158/09:06:13	1ECf
1854	158 20:46:25	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	26539:42:001F	02-158/09:06:59	1ESf
1855	158 20:46:25	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		26539:42:002F	02-158/09:07:00	1ECs
1856	158 20:46:25	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		26539:42:002F	02-158/09:07:00	1ECd
1857	158 20:46:25	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:0567	DTR		26539:42:002F	02-158/09:07:00	1ESd
1858	158 20:47:13	31			SC32AJ	(11) PLS CONFIG CMD	FDS		26539:43:009F	02-158/09:07:48	1ECf
1859	158 20:49:37	31			AC7SSB	(4 +144) SS BIAS CONTROL --- YAW	AACS		26539:46:003F	02-158/09:10:12	1ECa
1860	158 22:52:50	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		26542:20:002F	02-158/11:13:24	1ECd
1861	158 22:52:50	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0560	DTR		26542:20:002F	02-158/11:13:24	1ESd
1862	159 00:00:00	31				VGR-31 OWLT IS 11H 39M 26S					1L
1863	159 00:56:55	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		26544:55:091F	02-158/13:17:29	1ECd

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1864	159 00:56:55	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3241	DTR		26544:55:091F	02-158/13:17:29	1ESd
1865	159 01:52:50	31			CC16C	(7024) DTR STATE SELECT: READY	DTR		26546:05:002F	02-158/14:13:24	1ECd
1866	159 01:52:50	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:3241	DTR		26546:05:002F	02-158/14:13:24	1ESd
1867	159 01:58:49	31	10RISE			10 DEGREE RISE DSC-10					1V
1868	159 02:40:03	31				B- UVSLEW			26547:04:001F	02-158/15:00:35	1TB
1869	159 02:40:03	31				SLEW TO HELIO-10A			26547:04:001F	02-158/15:00:35	1T
1870	159 02:40:03	31				B- PLATPOA			26547:04:001F	02-158/15:00:35	1TB
1871	159 02:40:03	31			AC7SPK	(1 12 1 071 142) EL SLEW R=LOW	AACS		26547:04:003F	02-158/15:00:36	1ECa
1872	159 02:42:31	31				B- SLEND			26547:07:068F	02-158/15:03:03	1TB
1873	159 02:42:31	31			SLEWEND	AZ=299.953 EL=172.024 CO=172.908			26547:07:068F	02-158/15:03:03	1T
1874	159 05:00:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9067 (D/L ONLY)					1DP
1875	159 05:15:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9066					1DP
1876	159 06:03:19	31	60 SET			10 DEGREE SET DSC-60					1V
1877	159 09:27:37	31	40RISE			10 DEGREE RISE DSC-40					1V
1878	159 12:00:00	31				VGR-31 OWLT IS 11H 39M 29S					1L
1879	159 12:25:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9067					1DP
1880	159 13:29:07	31	10 SET			10 DEGREE SET DSC-10					1V
1881	159 18:21:54	31	60RISE			10 DEGREE RISE DSC-60					1V
1882	159 18:31:13	31	40 SET			10 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1883	159 20:44:07	31				AHEL11 PWSREC 30			26569:39:001F	02-159/09:04:35	1T
1884	159 20:44:07	31				B- PWSREC.31			26569:39:001F	02-159/09:04:35	1TB
1885	159 20:44:07	31				BEGIN PWSREC.31			26569:39:001F	02-159/09:04:35	1T
1886	159 20:44:55	31				B- DRGS4B			26569:40:001F	02-159/09:05:23	1TB
1887	159 20:45:39	31				BEGIN RECORDING PWS DATA			26569:40:734F	02-159/09:06:07	1T
1888	159 20:45:44	31				B- DRCRUS			26569:41:018F	02-159/09:06:12	1TB
1889	159 20:47:20	31				END PWSREC.31			26569:43:018F	02-159/09:07:48	1T
1890	159 21:05:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9067 (D/L ONLY)					1DP
1891	160 00:00:00	31				VGR-31 OWLT IS 11H 39M 32S					1L
1892	160 01:54:51	31	10RISE			10 DEGREE RISE DSC-10					1V
1893	160 02:40:08	31				B- UVSLEW			26577:04:001F	02-159/15:00:35	1TB
1894	160 02:40:08	31				SLEW TO MIDPNT-A			26577:04:001F	02-159/15:00:35	1T
1895	160 02:40:08	31				B- PLATPOB			26577:04:001F	02-159/15:00:35	1TB
1896	160 02:40:08	31			AC7SPK	(1 12 1 093 214) EL SLEW R=LOW	AACS		26577:04:003F	02-159/15:00:36	1ECa
1897	160 02:40:08	31			AC7SPK	(2 12 2 167 105) AZ SLEW R=LOW	AACS		26577:04:005F	02-159/15:00:36	1ECa
1898	160 03:02:24	31				B- SLEND			26577:31:668F	02-159/15:22:51	1TB
1899	160 03:02:24	31			SLEWEND	AZ=223.065 EL=140.021 CO=134.953			26577:31:668F	02-159/15:22:51	1T
1900	160 04:55:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9068 (D/L ONLY)					1DP
1901	160 05:00:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9067					1DP
1902	160 05:59:21	31	60 SET			10 DEGREE SET DSC-60					1V
1903	160 09:23:39	31	40RISE			10 DEGREE RISE DSC-40					1V
1904	160 12:00:00	31				VGR-31 OWLT IS 11H 39M 34S					1L
1905	160 12:40:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9068					1DP

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1906	160 13:25:09	31	10	SET		10 DEGREE SET DSC-10					1V
1907	160 18:17:56	31	60	RISE		10 DEGREE RISE DSC-60					1V
1908	160 18:27:14	31	40	SET		10 DEGREE SET DSC-40					1V
1909	160 21:20:00	31	65	AO	OPCH ACE	AOS DSS-65 PASS-9068 (D/L ONLY)					1DP
1910	161 00:00:00	31				VGR-31 OWLT IS 11H 39M 37S					1L
1911	161 01:50:52	31	10	RISE		10 DEGREE RISE DSC-10					1V
1912	161 02:40:14	31				B- UVSLEW			26607:04:001F	02-160/15:00:35	1TB
1913	161 02:40:14	31				SLEW TO HELIO-11A			26607:04:001F	02-160/15:00:35	1T
1914	161 02:40:14	31				B- PLATPOB			26607:04:001F	02-160/15:00:35	1TB
1915	161 02:40:14	31			AC7SPK	(2 12 2 098 079) AZ SLEW R=LOW	AACS		26607:04:003F	02-160/15:00:36	1ECa
1916	161 02:40:14	31			AC7SPK	(1 12 2 068 132) EL SLEW R=LOW	AACS		26607:04:005F	02-160/15:00:36	1ECa
1917	161 03:07:30	31				B- SLEND			26607:38:068F	02-160/15:27:51	1TB
1918	161 03:07:30	31			SLEWEND	AZ=125.000 EL=176.032 CO=169.888			26607:38:068F	02-160/15:27:51	1T
1919	161 04:45:00	31	15	AO	OPCH ACE	AOS DSS-15 PASS-9069 (D/L ONLY)					1DP
1920	161 05:00:00	31	65	LO	OPCH ACE	LOS DSS-65 PASS-9068					1DP
1921	161 05:55:23	31	60	SET		10 DEGREE SET DSC-60					1V
1922	161 08:45:51	31			AC7SSB	(3 -002) SS BIAS CONTROL - PITCH	AACS		26614:41:002F	02-160/21:06:12	1ECa
1923	161 09:19:41	31	40	RISE		10 DEGREE RISE DSC-40					1V
1924	161 12:00:00	31				VGR-31 OWLT IS 11H 39M 40S					1L
1925	161 12:35:00	31	15	LO	OPCH ACE	LOS DSS-15 PASS-9069					1DP
1926	161 13:21:11	31	10	SET		10 DEGREE SET DSC-10					1V
1927	161 18:13:57	31	60	RISE		10 DEGREE RISE DSC-60					1V
1928	161 18:23:16	31	40	SET		10 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1948	162 14:17:46	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
1949	162 14:20:22	31				BEGIN PWSREC.31			26651:39:001F	02-162/02:40:35	1T
1950	162 14:20:22	31			SC32AJ	(10) PLS CONFIG CMD	FDS		26651:39:009F	02-162/02:40:36	1ECF
1951	162 14:21:10	31				B- DRGS4B			26651:40:001F	02-162/02:41:23	1TB
1952	162 14:21:10	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		26651:40:009F	02-162/02:41:24	1ECF
1953	162 14:21:54	31				BEGIN RECORDING PWS DATA			26651:40:734F	02-162/02:42:07	1T
1954	162 14:21:54	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		26651:40:735F	02-162/02:42:08	1ECD
1955	162 14:21:54	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:4 TIC:3241	DTR		26651:40:735F	02-162/02:42:08	1ESd
1956	162 14:21:58	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE -----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	26651:41:001F	02-162/02:42:11	1ESF
1957	162 14:21:58	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		26651:41:002F	02-162/02:42:12	1ECs
1958	162 14:21:59	31				B- DRCRUS			26651:41:018F	02-162/02:42:12	1TB

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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
1959	162 14:21:59	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		26651:41:026F	02-162/02:42:13	1ECf
1960	162 14:22:46	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	26651:42:001F	02-162/02:42:59	1ESf
1961	162 14:22:46	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		26651:42:002F	02-162/02:42:59	1ECs
1962	162 14:22:46	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		26651:42:002F	02-162/02:43:00	1ECd
1963	162 14:22:46	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:2948	DTR		26651:42:002F	02-162/02:43:00	1ESd
1964	162 14:23:34	31			SC32AJ	(11) PLS CONFIG CMD	FDS		26651:43:009F	02-162/02:43:48	1ECf
1965	162 14:23:35	31				END PWSREC.31			26651:43:018F	02-162/02:43:48	1T
1966	162 18:09:59	31	60RISE			10 DEGREE RISE DSC-60					1V
1967	162 18:19:17	31	40 SET			10 DEGREE SET DSC-40					1V
1968	162 21:00:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9070 (D/L ONLY)					1DP
1969	162 21:29:00	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN D/L CARRIER SIG LEVEL					11EC
1970	162 21:30:00	31				B- XHIPWR.31			26660:36:001F	02-162/09:50:11	1TB
1971	162 21:30:00	31				BEGIN XHIPWR31			26660:36:001F	02-162/09:50:11	1T
1972	162 21:30:00	31			CC1TR	BAY 1 HTR OFF	PWR		26660:36:002F	02-162/09:50:12	1ECp
1973	162 21:34:00	31				X BAND HIGH POWER			26660:41:001F	02-162/09:54:11	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
1974	162 21:34:00	31			DC2H	X-BAND TWT HIGH POWER	RFS		26660:41:002F	02-162/09:54:11	1ECr
1975	162 21:40:24	31				B- RPLY14.31			26660:49:001F	02-162/10:00:35	1TB
1976	162 21:40:24	31				BEGIN REPLAY31			26660:49:001F	02-162/10:00:35	1T
1977	162 21:40:24	31				BEGIN TAPPOS			26660:49:001F	02-162/10:00:35	1T
1978	162 21:40:24	31				TAPPOS TO 1158			26660:49:001F	02-162/10:00:35	1T
1979	162 21:40:24	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		26660:49:002F	02-162/10:00:36	1ECd
1980	162 21:40:24	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2942	DTR		26660:49:002F	02-162/10:00:36	1ESd
1981	162 23:02:58	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		26662:32:151F	02-162/11:23:08	1ECd
1982	162 23:02:58	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1158	DTR		26662:32:151F	02-162/11:23:08	1ESd
1983	163 00:00:00	31				VGR-31 OWLT IS 11H 39M 49S					1L
1984	163 01:42:55	31	10RISE			10 DEGREE RISE DSC-10					1V
1985	163 02:40:25	31				B- UVSLEW			26667:04:001F	02-162/15:00:35	1TB
1986	163 02:40:25	31				SLEW TO HELIO-13A			26667:04:001F	02-162/15:00:35	1T
1987	163 02:40:25	31				B- PLATPOA			26667:04:001F	02-162/15:00:35	1TB
1988	163 02:40:25	31			AC7SPK	(1 12 2 084 117) EL SLEW R=LOW	AACS		26667:04:003F	02-162/15:00:36	1ECa
1989	163 02:42:51	31				B- SLEND			26667:07:034F	02-162/15:03:01	1TB
1990	163 02:42:51	31			SLEWEND	AZ=125.000 EL=154.029 CO=149.052			26667:07:034F	02-162/15:03:01	1T
1991	163 04:50:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9070					1DP
1992	163 04:50:02	31			AC7SSB	(4 +143) SS BIAS CONTROL --- YAW	AACS		26669:46:003F	02-162/17:10:12	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
1993	163 05:05:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-9071 (U/L PASS) PERFORM RFSTLC PER TELECOM MESSAGE					1DP
1994	163 05:15:38	31				YAW05			26670:18:001F	02-162/17:35:47	1T
1995	163 05:15:38	31			AC7PAR	(6741 000740) +YAW DB=.05 DEG	AACS		26670:18:004F	02-162/17:35:48	1ECa
1996	163 05:21:02	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1997	163 05:21:02	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
1998	163 05:21:02	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1999	163 05:25:14	31				CALL DDPB1431			26670:30:001F	02-162/17:45:23	1T
2000	163 05:25:14	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		26670:30:009F	02-162/17:45:24	1ECf
2001	163 05:25:59	31				PLAY BACK AHEL11 GS-4 DATA			26670:30:751F	02-162/17:46:08	1T
2002	163 05:26:00	31			CC16C	(1226) DTR STATE SELECT:PLAYBACK	DTR		26670:30:769F	02-162/17:46:10	1ECd
2003	163 05:26:00	31				DTR STATUS MODE:PLAY RATE:007.2K DIR:R TRK:6 TIC:1158	DTR		26670:30:769F	02-162/17:46:10	1ESd
2004	163 05:26:02	31		ACE OPCH		FDS STATUS PB-14/X1.4K/S40 MEM:PA/FDS11	FDS	PB-14	26670:31:001F	02-162/17:46:11	1ESf

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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
2005	163 05:26:02	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		26670:31:002F	02-162/17:46:11	1ECs
2006	163 05:26:02	31			CC6AD	(3 2 0 2) SVC-W4 FDS MEM B WRT PROTECT	FDS		26670:31:002F	02-162/17:46:12	1ECf
2007	163 05:26:02	31		ACE OPCH		FDS STATUS PB-14/X1.4K/S40 MEM:PA/FDS11	FDS	PB-14	26670:31:002F	02-162/17:46:12	1ESf
2008	163 05:47:26	31	60 SET			10 DEGREE SET DSC-60					1V
2009	163 05:54:36	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		26671:06:569F	02-162/18:14:46	1ECd
2010	163 05:54:36	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:0540	DTR		26671:06:569F	02-162/18:14:46	1ESd
2011	163 05:54:51	31			CC16C	(1217) DTR STATE SELECT:PLAYBACK	DTR		26671:07:019F	02-162/18:15:01	1ECd
2012	163 05:54:51	31				DTR STATUS MODE:PLAY RATE:007.2K DIR:F TRK:7 TIC:0540	DTR		26671:07:019F	02-162/18:15:01	1ESd
2013	163 08:15:50	31			EOT	END OF TAPE			26674:03:180F	02-162/20:35:58	1Ed
2014	163 08:15:50	31			EOT	END OF TAPE			26674:03:184F	02-162/20:35:58	1Ed
2015	163 09:11:44	31	40RISE			10 DEGREE RISE DSC-40					1V
2016	163 10:32:15	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2017	163 10:32:15	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 A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2018	163 10:32:15	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2019	163 10:36:27	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACRS READOUT MODE : TELEMETRY	FDS		26676:59:009F	02-162/22:56:36	1ECF
2020	163 10:37:15	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	26677:00:001F	02-162/22:57:23	1ESF
2021	163 10:37:15	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		26677:00:002F	02-162/22:57:23	1ECs
2022	163 10:37:15	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		26677:00:002F	02-162/22:57:24	1ECd
2023	163 10:37:15	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:0530	DTR		26677:00:002F	02-162/22:57:24	1ESd
2024	163 10:37:15	31			CC6AD	(3 2 0 0) SVC-W4 FDS MEM B WRT PROTECT	FDS		26677:00:002F	02-162/22:57:24	1ECf
2025	163 10:37:15	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	26677:00:002F	02-162/22:57:24	1ESF
2026	163 10:37:16	31				END PLAYBACK			26677:00:018F	02-162/22:57:24	1T
2027	163 10:47:39	31				YAWDB - .10			26677:13:001F	02-162/23:07:47	1T
2028	163 10:47:39	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		26677:13:004F	02-162/23:07:48	1ECa
2029	163 11:20:16	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN D/L CARRIER SIG LEVEL					11EC

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2030	163 11:25:16	31				X BAND LOW POWER			26678:00:001F	02-162/23:45:23	1T
2031	163 11:25:16	31			DC2HR	X-BAND TWT LOW POWER	RFS		26678:00:002F	02-162/23:45:23	1ECr
2032	163 11:29:16	31			CC1T	BAY 1 HTR ON	PWR		26678:05:002F	02-162/23:49:24	1ECp
2033	163 11:29:17	31				END XHIPWR31			26678:05:018F	02-162/23:49:24	1T
2034	163 12:00:00	31				VGR-31 OWLT IS 11H 39M 52S					1L
2035	163 13:05:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-9071					1DP
2036	163 13:13:14	31	10 SET			10 DEGREE SET DSC-10					1V
2037	163 18:06:00	31	60RISE			10 DEGREE RISE DSC-60					1V
2038	163 18:15:18	31	40 SET			10 DEGREE SET DSC-40					1V
2039	163 18:38:05	31			AC7SSB	(3 -001) SS BIAS CONTROL - PITCH	AACS		26687:01:003F	02-163/06:58:12	1ECa
2040	163 21:00:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9071 (D/L ONLY)					1DP
2041	163 21:40:30	31				BEGIN TAPPOS			26690:49:001F	02-163/10:00:35	1T
2042	163 21:40:30	31				TAPPOS TO 2948			26690:49:001F	02-163/10:00:35	1T
2043	163 21:40:30	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		26690:49:002F	02-163/10:00:36	1ECd
2044	163 21:40:30	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0530	DTR		26690:49:002F	02-163/10:00:36	1ESd
2045	163 23:32:06	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		26693:08:387F	02-163/11:52:11	1ECd
2046	163 23:32:06	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2941	DTR		26693:08:387F	02-163/11:52:11	1ESd
2047	164 00:00:00	31				VGR-31 OWLT IS 11H 39M 55S					1L
2048	164 00:30:07	31			CC16C	(7024) DTR STATE SELECT: READY	DTR		26694:21:002F	02-163/12:50:12	1ECd

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2049	164 00:30:07	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:2941	DTR		26694:21:002F	02-163/12:50:12	1ESd
2050	164 00:30:08	31				END REPLAY31			26694:21:018F	02-163/12:50:12	1T
2051	164 01:38:56	31	10RISE			10 DEGREE RISE DSC-10					1V
2052	164 02:40:31	31				B- UVSLEW			26697:04:001F	02-163/15:00:35	1TB
2053	164 02:40:31	31				SLEW TO HELIO-14A			26697:04:001F	02-163/15:00:35	1T
2054	164 02:40:31	31				B- PLATPOA			26697:04:001F	02-163/15:00:35	1TB
2055	164 02:40:31	31			AC7SPK	(1 12 2 090 170) EL SLEW R=LOW	AACS		26697:04:003F	02-163/15:00:36	1ECa
2056	164 02:42:28	31				B- SLEND			26697:06:334F	02-163/15:02:31	1TB
2057	164 02:42:28	31			SLEWEND	AZ=125.000 EL=145.017 CO=140.170			26697:06:334F	02-163/15:02:31	1T
2058	164 04:35:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9072 (D/L ONLY)					1DP
2059	164 04:50:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9071					1DP
2060	164 05:43:28	31	60 SET			10 DEGREE SET DSC-60					1V
2061	164 09:07:45	31	40RISE			10 DEGREE RISE DSC-40					1V
2062	164 10:50:10	31				B- RFSTLC			26707:16:001F	02-163/23:10:11	1TB
2063	164 12:00:00	31				VGR-31 OWLT IS 11H 39M 58S					1L
2064	164 12:20:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9072					1DP
2065	164 13:09:15	31	10 SET			10 DEGREE SET DSC-10					1V
2066	164 18:02:01	31	60RISE			10 DEGREE RISE DSC-60					1V
2067	164 18:11:20	31	40 SET			10 DEGREE SET DSC-40					1V
2068	164 20:50:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9072 (D/L ONLY)					1DP
2069	165 00:00:00	31				VGR-31 OWLT IS 11H 40M 01S					1L

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2070	165 01:34:58	31	10RISE			10 DEGREE RISE DSC-10					1V
2071	165 02:40:38	31				B- UVSLEW			26727:04:001F	02-164/15:00:35	1TB
2072	165 02:40:38	31				SLEW TO HELIO-15A			26727:04:001F	02-164/15:00:35	1T
2073	165 02:40:38	31				B- PLATPOA			26727:04:001F	02-164/15:00:35	1TB
2074	165 02:40:38	31			AC7SPK	(1 12 1 097 126) EL SLEW R=LOW	AACS		26727:04:003F	02-164/15:00:36	1ECa
2075	165 02:42:46	31				B- SLEND			26727:06:534F	02-164/15:02:43	1TB
2076	165 02:42:46	31			SLEWEND	AZ=125.000 EL=135.021 CO=130.263			26727:06:534F	02-164/15:02:43	1T
2077	165 04:35:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9073 (D/L ONLY)					1DP
2078	165 04:45:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9072					1DP
2079	165 05:39:29	31	60 SET			10 DEGREE SET DSC-60					1V
2080	165 09:03:47	31	40RISE			10 DEGREE RISE DSC-40					1V
2081	165 12:00:00	31				VGR-31 OWLT IS 11H 40M 04S					1L
2082	165 12:05:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9073					1DP
2083	165 13:05:17	31	10 SET			10 DEGREE SET DSC-10					1V
2084	165 17:58:03	31	60RISE			10 DEGREE RISE DSC-60					1V
2085	165 18:07:21	31	40 SET			10 DEGREE SET DSC-40					1V
2086	165 22:55:00	31	54 AO	OPCH ACE		AOS DSS-54 PASS-9073 (D/L ONLY)					1DP
2087	166 00:00:00	31				VGR-31 OWLT IS 11H 40M 07S					1L
2088	166 01:30:59	31	10RISE			10 DEGREE RISE DSC-10					1V
2089	166 02:40:44	31				B- UVSLEW			26757:04:001F	02-165/15:00:35	1TB
2090	166 02:40:44	31				SLEW TO HELIO-16A			26757:04:001F	02-165/15:00:35	1T
2091	166 02:40:44	31				B- PLATPOA			26757:04:001F	02-165/15:00:35	1TB
2092	166 02:40:44	31			AC7SPK	(1 12 2 111 206) EL SLEW R=LOW	AACS		26757:04:003F	02-165/15:00:36	1ECa

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2093	166 02:45:04	31				B- SLEND			26757:09:334F	02-165/15:04:55	1TB
2094	166 02:45:04	31			SLEWEND	AZ=125.000 EL=114.058 CO=109.397			26757:09:334F	02-165/15:04:55	1T
2095	166 03:15:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9074 (D/L ONLY)					1DP
2096	166 03:30:00	31	54 LO	OPCH ACE		LOS DSS-54 PASS-9073					1DP
2097	166 05:35:31	31	60 SET			10 DEGREE SET DSC-60					1V
2098	166 08:59:49	31	40RISE			10 DEGREE RISE DSC-40					1V
2099	166 12:00:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9074					1DP
2100	166 12:00:00	31				VGR-31 OWLT IS 11H 40M 10S					1L
2101	166 13:01:18	31	10 SET			10 DEGREE SET DSC-10					1V
2102	166 17:54:04	31	60RISE			10 DEGREE RISE DSC-60					1V
2103	166 18:03:23	31	40 SET			10 DEGREE SET DSC-40					1V
2104	166 19:50:00	31	54 AO	OPCH ACE		AOS DSS-54 PASS-9074 (D/L ONLY)					1DP
2105	167 00:00:00	31				VGR-31 OWLT IS 11H 40M 14S					1L
2106	167 01:27:01	31	10RISE			10 DEGREE RISE DSC-10					1V
2107	167 02:40:50	31				B- UVSLEW			26787:04:001F	02-166/15:00:35	1TB
2108	167 02:40:50	31				SLEW TO HELIO-17A			26787:04:001F	02-166/15:00:35	1T
2109	167 02:40:50	31				B- PLATPOA			26787:04:001F	02-166/15:00:35	1TB
2110	167 02:40:50	31			AC7SPK	(1 12 1 127 093) EL SLEW R=LOW	AACS		26787:04:003F	02-166/15:00:36	1ECa
2111	167 02:45:35	31				B- SLEND			26787:09:751F	02-166/15:05:20	1TB
2112	167 02:45:35	31			SLEWEND	AZ=125.000 EL=91.051 CO=86.491			26787:09:751F	02-166/15:05:20	1T
2113	167 03:15:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9075 (D/L ONLY)					1DP
2114	167 03:25:00	31	54 LO	OPCH ACE		LOS DSS-54 PASS-9074					1DP
2115	167 05:31:32	31	60 SET			10 DEGREE SET DSC-60					1V

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2116	167 08:55:50	31	40RISE			10 DEGREE RISE DSC-40					1V
2117	167 12:00:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9075					1DP
2118	167 12:00:00	31				VGR-31 OWLT IS 11H 40M 17S					1L
2119	167 12:57:20	31	10 SET			10 DEGREE SET DSC-10					1V
2120	167 17:50:06	31	60RISE			10 DEGREE RISE DSC-60					1V
2121	167 17:59:24	31	40 SET			10 DEGREE SET DSC-40					1V
2122	167 18:55:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9075 (D/L ONLY)					1DP
2123	168 00:00:00	31				VGR-31 OWLT IS 11H 40M 20S					1L
2124	168 01:23:02	31	10RISE			10 DEGREE RISE DSC-10					1V
2125	168 02:40:57	31				B- UVSLEW			26817:04:001F	02-167/15:00:35	1TB
2126	168 02:40:57	31				SLEW TO HELIO-18A			26817:04:001F	02-167/15:00:35	1T
2127	168 02:40:57	31				B- PLATPOA			26817:04:001F	02-167/15:00:35	1TB
2128	168 02:40:57	31			AC7SPK	(1 12 2 141 138) EL SLEW R=LOW	AACS		26817:04:003F	02-167/15:00:36	1ECa
2129	168 02:45:06	31				B- SLEND			26817:09:151F	02-167/15:04:44	1TB
2130	168 02:45:06	31			SLEWEND	AZ=125.000 EL=71.042 CO=66.596			26817:09:151F	02-167/15:04:44	1T
2131	168 03:43:21	31			AC7SSB	(3 +000) SS BIAS CONTROL - PITCH	AACS		26818:22:003F	02-167/16:03:00	1ECa
2132	168 04:20:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9076 (D/L ONLY)					1DP
2133	168 04:35:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9075					1DP
2134	168 05:27:34	31	60 SET			10 DEGREE SET DSC-60					1V
2135	168 08:51:52	31	40RISE			10 DEGREE RISE DSC-40					1V
2136	168 12:00:00	31				VGR-31 OWLT IS 11H 40M 23S					1L
2137	168 12:05:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9076					1DP
2138	168 12:53:22	31	10 SET			10 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2139	168 17:46:08	31	60RISE			10 DEGREE RISE DSC-60					1V
2140	168 17:55:26	31	40 SET			10 DEGREE SET DSC-40					1V
2141	168 20:55:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9076 (D/L ONLY)					1DP
2142	168 21:25:38	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2143	168 21:26:26	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2144	168 21:26:26	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
2145	168 21:29:50	31				B- MEMUPD			26840:35:001F	02-168/09:49:23	1TB
2146	168 21:29:50	31				MEMUPD - ENA AHEL11			26840:35:001F	02-168/09:49:23	1T
2147	168 21:29:50	31				B- MISCMD			26840:35:001F	02-168/09:49:23	1TB
2148	168 21:29:50	31				MISCMD -			26840:35:001F	02-168/09:49:23	1T
2149	168 21:29:50	31				B- MISCMD			26840:35:001F	02-168/09:49:23	1TB
2150	168 21:29:50	31				MISCMD -			26840:35:001F	02-168/09:49:23	1T
2151	168 21:29:50	31			SC06PV	(8005) FDS TREE SWITCH ID CCS MEMORY READ OUT	FDS		26840:35:009F	02-168/09:49:24	1ECf
2152	168 21:29:51	31			SC06BB	(53 0 02 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CCS MEM R/O AACS READOUT MODE : TELEMETRY	FDS		26840:35:020F	02-168/09:49:25	1ECf
2153	168 21:30:38	31				B- PASS.3			26840:36:001F	02-168/09:50:11	1TB
2154	168 21:30:38	31				B- DRCSRUS			26840:36:001F	02-168/09:50:11	1TB

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2155	168 21:30:38	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	26840:36:001F	02-168/09:50:11	1ESf
2156	168 21:30:38	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		26840:36:010F	02-168/09:50:12	1ECf
2157	168 21:31:26	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	26840:37:001F	02-168/09:50:59	1ESf
2158	168 21:31:26	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		26840:37:002F	02-168/09:50:59	1ECs
2159	169 00:00:00	31				VGR-31 OWLT IS 11H 40M 27S					1L
2160	169 01:19:04	31	10RISE			10 DEGREE RISE DSC-10					1V
2161	169 02:41:03	31				B- UVSLEW			26847:04:001F	02-168/15:00:35	1TB
2162	169 02:41:03	31				SLEW TO HELIO-19A			26847:04:001F	02-168/15:00:35	1T
2163	169 02:41:03	31				B- PLATPOA			26847:04:001F	02-168/15:00:35	1TB
2164	169 02:41:03	31			AC7SPK	(1 12 2 157 158) EL SLEW R=LOW	AACS		26847:04:003F	02-168/15:00:36	1ECa
2165	169 02:45:48	31				B- SLEND			26847:09:751F	02-168/15:05:20	1TB
2166	169 02:45:48	31			SLEWEND	AZ=125.000 EL=48.031 CO=43.757			26847:09:751F	02-168/15:05:20	1T
2167	169 04:43:28	31			AC7SSB	(4 +142) SS BIAS CONTROL --- YAW	AACS		26849:37:003F	02-168/17:03:00	1ECa
2168	169 04:45:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-9077 (U/L PASS) PERFORM RFSTLC PER TELECOM MESSAGE					1DP
2169	169 04:50:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9076					1DP

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2170	169 05:23:35	31	60	SET		10 DEGREE SET DSC-60					1V
2171	169 08:47:53	31	40	RISE		10 DEGREE RISE DSC-40					1V
2172	169 11:00:00	31	14	OPCH	14	== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==					1TD
2173	169 11:00:00	31	14	OPCH	14	== TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL)					1TD
2174	169 11:01:00	31	14	OPCH	14	== TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN					1TD
2175	169 11:02:00	31	14	OPCH	14	== TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) ==					1TD
2176	169 11:27:00	31	14	OPCH	14	== END TLC TEST UP-LINK == == TURN TRANSMITTER OFF == TUNE TO TSF @ 48 HZ/SEC (S-BAND)					1TD
2177	169 12:00:00	31				VGR-31 OWLT IS 11H 40M 30S					1L
2178	169 12:45:00	31	14	LO	OPCH ACE	LOS DSS-14 PASS-9077					1DP
2179	169 12:49:23	31	10	SET		10 DEGREE SET DSC-10					1V
2180	169 13:53:42	31			ACE OPCH	>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
2181	169 13:53:42	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

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT 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	169 13:54:30	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2183	169 13:54:30	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
2184	169 13:57:06	31				B- AHELII1.31			26861:09:001F	02-169/02:16:35	1TB
2185	169 13:57:06	31				ENABLE AHELII1			26861:09:001F	02-169/02:16:35	1T
2186	169 13:57:06	31				BEGIN PWSREC.31			26861:09:001F	02-169/02:16:35	1T
2187	169 13:57:06	31			SC32AJ	(10) PLS CONFIG CMD	FDS		26861:09:010F	02-169/02:16:36	1ECf
2188	169 13:57:54	31				B- DRGS4B			26861:10:001F	02-169/02:17:23	1TB
2189	169 13:57:54	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		26861:10:009F	02-169/02:17:24	1ECf
2190	169 13:58:38	31				BEGIN RECORDING PWS DATA			26861:10:734F	02-169/02:18:07	1T
2191	169 13:58:38	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		26861:10:735F	02-169/02:18:08	1ECd
2192	169 13:58:38	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:4 TIC:2941	DTR		26861:10:735F	02-169/02:18:08	1ESd
2193	169 13:58:42	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	26861:11:001F	02-169/02:18:11	1ESf
2194	169 13:58:42	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		26861:11:002F	02-169/02:18:12	1ECs

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2195	169 13:58:43	31				B- DRCRUS			26861:11:018F	02-169/02:18:12	1TB
2196	169 13:58:43	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		26861:11:026F	02-169/02:18:13	1ECf
2197	169 13:59:30	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	26861:12:001F	02-169/02:18:59	1ESf
2198	169 13:59:30	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		26861:12:002F	02-169/02:18:59	1ECs
2199	169 13:59:30	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		26861:12:002F	02-169/02:19:00	1ECd
2200	169 13:59:30	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:2648	DTR		26861:12:002F	02-169/02:19:00	1ESd
2201	169 14:00:18	31			SC32AJ	(11) PLS CONFIG CMD	FDS		26861:13:009F	02-169/02:19:48	1ECf
2202	169 14:00:19	31				END PWSREC.31			26861:13:018F	02-169/02:19:48	1T
2203	169 17:42:09	31	60RISE			10 DEGREE RISE DSC-60					1V
2204	169 17:51:28	31	40 SET			10 DEGREE SET DSC-40					1V
2205	170 00:00:00	31				VGR-31 OWLT IS 11H 40M 33S					1L
2206	170 01:15:05	31	10RISE			10 DEGREE RISE DSC-10					1V
2207	170 02:41:10	31				B- UVSLEW			26877:04:001F	02-169/15:00:35	1TB
2208	170 02:41:10	31				SLEW TO HELIO-20B			26877:04:001F	02-169/15:00:35	1T
2209	170 02:41:10	31				B- PLATPOA			26877:04:001F	02-169/15:00:35	1TB
2210	170 02:41:10	31			AC7SPK	(1 12 2 173 176) EL SLEW R=LOW	AACS		26877:04:003F	02-169/15:00:36	1ECa

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2211	170 02:45:55	31				B- SLEND			26877:09:751F	02-169/15:05:20	1TB
2212	170 02:45:55	31			SLEWEND	AZ=125.000 EL=25.026 CO=21.117			26877:09:751F	02-169/15:05:20	1T
2213	170 02:55:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9078 (D/L ONLY)					1DP
2214	170 05:19:37	31	60 SET			10 DEGREE SET DSC-60					1V
2215	170 05:37:47	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2216	170 05:37:47	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
2217	170 05:37:59	31				BEGIN PMPCALLR			26880:45:001F	02-169/17:57:23	1T
2218	170 05:41:59	31				B- DR5T			26880:50:001F	02-169/18:01:23	1TB
2219	170 05:41:59	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		26880:50:009F	02-169/18:01:24	1ECf
2220	170 05:42:47	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	26880:51:001F	02-169/18:02:11	1ESf
2221	170 05:42:47	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		26880:51:001F	02-169/18:02:11	1ECs
2222	170 05:49:11	31			SC06BY	(7) FDS PLS/MAG/PESCAL FLAG PLSCAL ENABLED MAGCAL ENABLED PESCAL ENABLED	FDS		26880:59:009F	02-169/18:08:36	1ECf
2223	170 05:49:59	31				BEGIN PLS/MAG/PESCAL			26881:00:001F	02-169/18:09:23	1T
2224	170 07:32:23	31				END PLSCAL			26883:08:001F	02-169/19:51:47	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
2225	170 08:43:55	31	40RISE			10 DEGREE RISE DSC-40					1V
2226	170 08:52:24	31				END MAGCAL			26884:48:001F	02-169/21:11:47	1T
2227	170 09:05:48	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2228	170 09:05:48	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
2229	170 09:10:00	31				END PESCAL			26885:10:001F	02-169/21:29:23	1T
2230	170 09:10:00	31				B- DRCRUS			26885:10:001F	02-169/21:29:23	1TB
2231	170 09:10:00	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		26885:10:010F	02-169/21:29:24	1ECf
2232	170 09:10:48	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	26885:11:001F	02-169/21:30:11	1ESf
2233	170 09:10:48	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		26885:11:002F	02-169/21:30:11	1ECs
2234	170 09:10:49	31				END PMPCALLR			26885:11:018F	02-169/21:30:12	1T
2235	170 10:16:24	31				B- RFSTLC			26886:33:001F	02-169/22:35:47	1TB
2236	170 10:48:11	31	25	OPCH 25		== START TLC TEST DOWN-LINK ==					1TD
2237	170 11:49:11	31	25	OPCH 25		== END TLC TEST DOWN-LINK ==					1TD
2238	170 11:50:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9078					1DP

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2239	170 12:00:00	31				VGR-31 OWLT IS 11H 40M 37S					1L
2240	170 12:45:25	31	10	SET		10 DEGREE SET DSC-10					1V
2241	170 17:38:11	31	60	RISE		10 DEGREE RISE DSC-60					1V
2242	170 17:47:29	31	40	SET		10 DEGREE SET DSC-40					1V
2243	170 23:55:00	31	65	AO	OPCH ACE	AOS DSS-65 PASS-9078 (D/L ONLY)					1DP
2244	171 00:00:00	31				VGR-31 OWLT IS 11H 40M 40S					1L
2245	171 01:11:07	31	10	RISE		10 DEGREE RISE DSC-10					1V
2246	171 02:41:17	31				B- UVSLEW			26907:04:001F	02-170/15:00:35	1TB
2247	171 02:41:17	31				SLEW TO HELIO-19B			26907:04:001F	02-170/15:00:35	1T
2248	171 02:41:17	31				B- PLATPOA			26907:04:001F	02-170/15:00:35	1TB
2249	171 02:41:17	31			AC7SPK	(1 12 1 157 028) EL SLEW R=LOW	AACS		26907:04:003F	02-170/15:00:36	1ECa
2250	171 02:46:07	31				B- SLEND			26907:10:034F	02-170/15:05:25	1TB
2251	171 02:46:07	31			SLEWEND	AZ=125.000 EL=47.988 CO=43.720			26907:10:034F	02-170/15:05:25	1T
2252	171 04:10:00	31	25	AO	OPCH ACE	AOS DSS-25 PASS-9079 (D/L ONLY)					1DP
2253	171 04:25:00	31	65	LO	OPCH ACE	LOS DSS-65 PASS-9078					1DP
2254	171 05:15:38	31	60	SET		10 DEGREE SET DSC-60					1V
2255	171 08:30:00	31	43	AO	OPCH ACE	AOS DSS-43 PASS-9079 (U/L PASS)					1DP
2256	171 08:39:56	31	40	RISE		10 DEGREE RISE DSC-40					1V
2257	171 08:50:00	31	25	LO	OPCH ACE	LOS DSS-25 PASS-9079					1DP
2258	171 12:00:00	31				VGR-31 OWLT IS 11H 40M 44S					1L
2259	171 12:41:26	31	10	SET		10 DEGREE SET DSC-10					1V
2260	171 15:20:00	31	43	LO	OPCH ACE	LOS DSS-43 PASS-9079					1DP
2261	171 17:34:12	31	60	RISE		10 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2262	171 17:43:31	31	40	SET		10 DEGREE SET DSC-40					1V
2263	171 20:45:00	31	65	AO	OPCH ACE	AOS DSS-65 PASS-9079 (D/L ONLY)					1DP
2264	172 00:00:00	31				VGR-31 OWLT IS 11H 40M 47S					1L
2265	172 01:07:09	31	10	RISE		10 DEGREE RISE DSC-10					1V
2266	172 02:05:00	31	15	AO	OPCH ACE	AOS DSS-15 PASS-9080 (D/L ONLY)					1DP
2267	172 02:25:00	31	65	LO	OPCH ACE	LOS DSS-65 PASS-9079					1DP
2268	172 02:41:24	31				B- UVSLEW			26937:04:001F	02-171/15:00:35	1TB
2269	172 02:41:24	31				SLEW TO HELIO-18B			26937:04:001F	02-171/15:00:35	1T
2270	172 02:41:24	31				B- PLATPOA			26937:04:001F	02-171/15:00:35	1TB
2271	172 02:41:24	31			AC7SPK	(1 12 2 141 140) EL SLEW R=LOW	AACS		26937:04:003F	02-171/15:00:36	1ECa
2272	172 02:46:09	31				B- SLEND			26937:09:751F	02-171/15:05:20	1TB
2273	172 02:46:09	31			SLEWEND	AZ=125.000 EL=70.985 CO=66.564			26937:09:751F	02-171/15:05:20	1T
2274	172 05:11:40	31	60	SET		10 DEGREE SET DSC-60					1V
2275	172 08:35:58	31	40	RISE		10 DEGREE RISE DSC-40					1V
2276	172 11:30:00	31	45	AO	OPCH ACE	AOS DSS-45 PASS-9080 (D/L ONLY)					1DP
2277	172 11:50:00	31	15	LO	OPCH ACE	LOS DSS-15 PASS-9080					1DP
2278	172 12:00:00	31				VGR-31 OWLT IS 11H 40M 51S					1L
2279	172 12:37:28	31	10	SET		10 DEGREE SET DSC-10					1V
2280	172 12:48:39	31			AC7SSB	(3 +001) SS BIAS CONTROL - PITCH	AACS		26949:43:003F	02-172/01:07:48	1ECa
2281	172 16:40:00	31	45	LO	OPCH ACE	LOS DSS-45 PASS-9080					1DP
2282	172 16:56:40	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		26954:53:002F	02-172/05:15:48	1ECd

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2283	172 16:56:40	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:2642	DTR		26954:53:002F	02-172/05:15:48	1ESd
2284	172 17:30:14	31	60RISE			10 DEGREE RISE DSC-60					1V
2285	172 17:38:39	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		26955:45:388F	02-172/05:57:47	1ECd
2286	172 17:38:39	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3549	DTR		26955:45:388F	02-172/05:57:47	1ESd
2287	172 17:39:33	31	40 SET			10 DEGREE SET DSC-40					1V
2288	172 19:00:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9080 (D/L ONLY)					1DP
2289	172 19:54:05	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2290	172 19:54:05	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
2291	172 19:54:53	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2292	172 19:54:53	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
2293	172 19:56:41	31			CC16C	(7026) DTR STATE SELECT: READY	DTR		26958:38:002F	02-172/08:15:48	1ECd
2294	172 19:56:41	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:3549	DTR		26958:38:002F	02-172/08:15:48	1ESd
2295	172 19:57:29	31				AHEL11 PWSREC 01			26958:39:001F	02-172/08:16:35	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
2296	172 19:57:29	31				B- PWSREC.31			26958:39:001F	02-172/08:16:35	1TB
2297	172 19:57:29	31				BEGIN PWSREC.31			26958:39:001F	02-172/08:16:35	1T
2298	172 19:57:29	31			SC32AJ	(10) PLS CONFIG CMD	FDS		26958:39:009F	02-172/08:16:36	1ECf
2299	172 19:58:17	31				B- DRGS4B			26958:40:001F	02-172/08:17:23	1TB
2300	172 19:58:17	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		26958:40:009F	02-172/08:17:24	1ECf
2301	172 19:59:01	31				BEGIN RECORDING PWS DATA			26958:40:734F	02-172/08:18:07	1T
2302	172 19:59:01	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		26958:40:735F	02-172/08:18:08	1ECd
2303	172 19:59:01	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:3549	DTR		26958:40:735F	02-172/08:18:08	1ESd
2304	172 19:59:05	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	26958:41:001F	02-172/08:18:11	1ESf
2305	172 19:59:05	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		26958:41:002F	02-172/08:18:12	1ECs
2306	172 19:59:06	31				B- DRCRUS			26958:41:018F	02-172/08:18:12	1TB
2307	172 19:59:06	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		26958:41:026F	02-172/08:18:13	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
2308	172 19:59:53	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	26958:42:001F	02-172/08:18:59	1ESf
2309	172 19:59:53	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		26958:42:002F	02-172/08:19:00	1ECs
2310	172 19:59:53	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		26958:42:002F	02-172/08:19:00	1ECd
2311	172 19:59:53	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:3256	DTR		26958:42:002F	02-172/08:19:00	1ESd
2312	172 20:00:41	31			SC32AJ	(11) PLS CONFIG CMD END PWSREC.31	FDS		26958:43:009F	02-172/08:19:48	1ECf
2313	172 20:00:42	31							26958:43:018F	02-172/08:19:48	1T
2314	172 22:06:18	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		26961:20:002F	02-172/10:25:24	1ECd
2315	172 22:06:18	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3250	DTR		26961:20:002F	02-172/10:25:24	1ESd
2316	172 22:34:24	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		26961:55:106F	02-172/10:53:30	1ECd
2317	172 22:34:24	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2642	DTR		26961:55:106F	02-172/10:53:30	1ESd
2318	173 00:00:00	31				VGR-31 OWLT IS 11H 40M 54S					1L
2319	173 01:03:10	31	10RISE			10 DEGREE RISE DSC-10					1V
2320	173 01:06:18	31			CC16C	(7024) DTR STATE SELECT: READY	DTR		26965:05:002F	02-172/13:25:24	1ECd

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2321	173 01:06:18	31					DTR		26965:05:002F	02-172/13:25:24	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:2642					
2322	173 02:41:31	31				B- UVSLEW			26967:04:001F	02-172/15:00:35	1TB
2323	173 02:41:31	31				SLEW TO HELIO-17B			26967:04:001F	02-172/15:00:35	1T
2324	173 02:41:31	31				B- PLATPOA			26967:04:001F	02-172/15:00:35	1TB
2325	173 02:41:31	31			AC7SPK	(1 12 1 127 094) EL SLEW R=LOW	AACS		26967:04:003F	02-172/15:00:36	1ECa
2326	173 02:45:40	31				B- SLEND			26967:09:151F	02-172/15:04:44	1TB
2327	173 02:45:40	31			SLEWEND	AZ=125.000 EL=91.022 CO=86.508			26967:09:151F	02-172/15:04:44	1T
2328	173 04:00:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9081 (D/L ONLY)					1DP
2329	173 04:20:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9080					1DP
2330	173 05:07:41	31	60 SET			10 DEGREE SET DSC-60					1V
2331	173 08:31:59	31	40RISE			10 DEGREE RISE DSC-40					1V
2332	173 11:45:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9081					1DP
2333	173 12:00:00	31				VGR-31 OWLT IS 11H 40M 58S					1L
2334	173 12:33:29	31	10 SET			10 DEGREE SET DSC-10					1V
2335	173 17:26:16	31	60RISE			10 DEGREE RISE DSC-60					1V
2336	173 17:35:34	31	40 SET			10 DEGREE SET DSC-40					1V
2337	173 18:40:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9081 (D/L ONLY)					1DP
2338	174 00:00:00	31				VGR-31 OWLT IS 11H 41M 01S					1L
2339	174 00:59:12	31	10RISE			10 DEGREE RISE DSC-10					1V
2340	174 02:41:38	31				B- UVSLEW			26997:04:001F	02-173/15:00:35	1TB
2341	174 02:41:38	31				SLEW TO HELIO-16B			26997:04:001F	02-173/15:00:35	1T

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2342	174 02:41:38	31				B- PLATPOA			26997:04:001F	02-173/15:00:35	1TB
2343	174 02:41:38	31			AC7SPK	(1 12 1 111 076) EL SLEW R=LOW	AACS		26997:04:003F	02-173/15:00:36	1ECa
2344	174 02:46:23	31				B- SLEND			26997:09:751F	02-173/15:05:20	1TB
2345	174 02:46:23	31			SLEWEND	AZ=125.000 EL=114.014 CO=109.399			26997:09:751F	02-173/15:05:20	1T
2346	174 04:15:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9081					1DP
2347	174 05:03:43	31	60 SET			10 DEGREE SET DSC-60					1V
2348	174 08:15:00	31	43 AO	OPCH ACE		AOS DSS-43 PASS-9082 (D/L ONLY)					1DP
2349	174 08:28:01	31	40RISE			10 DEGREE RISE DSC-40					1V
2350	174 12:00:00	31				VGR-31 OWLT IS 11H 41M 05S					1L
2351	174 12:10:00	31	43 LO	OPCH ACE		LOS DSS-43 PASS-9082					1DP
2352	174 12:29:31	31	10 SET			10 DEGREE SET DSC-10					1V
2353	174 17:22:18	31	60RISE			10 DEGREE RISE DSC-60					1V
2354	174 17:31:36	31	40 SET			10 DEGREE SET DSC-40					1V
2355	174 21:00:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9082 (D/L ONLY)					1DP
2356	175 00:00:00	31				VGR-31 OWLT IS 11H 41M 08S					1L
2357	175 00:55:14	31	10RISE			10 DEGREE RISE DSC-10					1V
2358	175 02:41:45	31				B- UVSLEW			27027:04:001F	02-174/15:00:35	1TB
2359	175 02:41:45	31				SLEW TO HELIO-15B			27027:04:001F	02-174/15:00:35	1T
2360	175 02:41:45	31				B- PLATPOA			27027:04:001F	02-174/15:00:35	1TB
2361	175 02:41:45	31			AC7SPK	(1 12 1 096 127) EL SLEW R=LOW	AACS		27027:04:003F	02-174/15:00:36	1ECa
2362	175 02:46:06	31				B- SLEND			27027:09:351F	02-174/15:04:56	1TB
2363	175 02:46:06	31			SLEWEND	AZ=125.000 EL=134.993 CO=130.281			27027:09:351F	02-174/15:04:56	1T
2364	175 03:55:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9083 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2365	175 04:15:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9082					1DP
2366	175 04:59:44	31	60 SET			10 DEGREE SET DSC-60					1V
2367	175 08:15:00	31	43 AO	OPCH ACE		AOS DSS-43 PASS-9083 (D/L ONLY)					1DP
2368	175 08:24:02	31	40RISE			10 DEGREE RISE DSC-40					1V
2369	175 08:35:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9083					1DP
2370	175 12:00:00	31				VGR-31 OWLT IS 11H 41M 12S					1L
2371	175 12:25:32	31	10 SET			10 DEGREE SET DSC-10					1V
2372	175 16:15:00	31	43 LO	OPCH ACE		LOS DSS-43 PASS-9083					1DP
2373	175 17:18:19	31	60RISE			10 DEGREE RISE DSC-60					1V
2374	175 17:27:38	31	40 SET			10 DEGREE SET DSC-40					1V
2375	175 21:00:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9083 (U/L PASS) PERFORM RFSTLC PER TELECOM MESSAGE					1DP
2376	176 00:00:00	31				VGR-31 OWLT IS 11H 41M 16S					1L
2377	176 00:51:16	31	10RISE			10 DEGREE RISE DSC-10					1V
2378	176 02:41:53	31				B- UVSLEW			27057:04:001F	02-175/15:00:35	1TB
2379	176 02:41:53	31				SLEW TO HELIO-14B			27057:04:001F	02-175/15:00:35	1T
2380	176 02:41:53	31				B- PLATPOA			27057:04:001F	02-175/15:00:35	1TB
2381	176 02:41:53	31			AC7SPK	(1 12 2 089 171) EL SLEW R=LOW	AACS		27057:04:003F	02-175/15:00:36	1ECa
2382	176 02:44:01	31				B- SLEND			27057:06:534F	02-175/15:02:43	1TB
2383	176 02:44:01	31			SLEWEND	AZ=125.000 EL=144.988 CO=140.190			27057:06:534F	02-175/15:02:43	1T
2384	176 03:10:00	31	63	OPCH 63		== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==					1TD

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2385	176 03:10:00	31	63	OPCH 63		== TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL)					1TD
2386	176 03:11:00	31	63	OPCH 63		== TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN					1TD
2387	176 03:12:00	31	63	OPCH 63		== TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) ==					1TD
2388	176 03:37:00	31	63	OPCH 63		== END TLC TEST UP-LINK == == TURN TRANSMITTER OFF == TUNE TO TSF @ 48 HZ/SEC (S-BAND)					1TD
2389	176 04:35:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9084 (D/L ONLY)					1DP
2390	176 04:55:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9083					1DP
2391	176 04:55:46	31	60 SET			10 DEGREE SET DSC-60					1V
2392	176 08:20:03	31	40RISE			10 DEGREE RISE DSC-40					1V
2393	176 10:25:00	31	34 AO	OPCH ACE		AOS DSS-34 PASS-9084 (D/L ONLY)					1DP
2394	176 10:45:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9084					1DP
2395	176 12:00:00	31				VGR-31 OWLT IS 11H 41M 20S					1L
2396	176 12:21:34	31	10 SET			10 DEGREE SET DSC-10					1V
2397	176 13:30:32	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
2398	176 13:30:32	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

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2411	176 13:35:33	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		27070:41:026F	02-176/01:54:13	1ECf
2412	176 13:36:20	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	27070:42:001F	02-176/01:54:59	1ESf
2413	176 13:36:20	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		27070:42:002F	02-176/01:54:59	1ECs
2414	176 13:36:20	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		27070:42:002F	02-176/01:55:00	1ECd
2415	176 13:36:20	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:2350	DTR		27070:42:002F	02-176/01:55:00	1ESd
2416	176 13:37:08	31			SC32AJ	(11) PLS CONFIG CMD	FDS		27070:43:009F	02-176/01:55:48	1ECf
2417	176 13:37:09	31				END PWSREC.31			27070:43:018F	02-176/01:55:48	1T
2418	176 15:30:00	31	34 LO	OPCH	ACE	LOS DSS-34 PASS-9084					1DP
2419	176 17:14:21	31	60RISE			10 DEGREE RISE DSC-60					1V
2420	176 17:23:40	31	40 SET			10 DEGREE SET DSC-40					1V
2421	176 20:06:46	31			AC7SSB	(4 +141) SS BIAS CONTROL --- YAW	AACS		27078:50:003F	02-176/08:25:24	1ECa
2422	176 20:40:00	31	65 AO	OPCH	ACE	AOS DSS-65 PASS-9084 (D/L ONLY)					1DP
2423	176 21:53:59	31			AC7SSB	(3 +002) SS BIAS CONTROL - PITCH	AACS		27081:04:003F	02-176/10:12:36	1ECa
2424	177 00:00:00	31				VGR-31 OWLT IS 11H 41M 23S					1L
2425	177 00:47:18	31	10RISE			10 DEGREE RISE DSC-10					1V
2426	177 02:31:36	31				B- RFSTLC			27086:51:001F	02-176/14:50:11	1TB

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2427	177 02:42:00	31				B- UVSLEW			27087:04:001F	02-176/15:00:35	1TB
2428	177 02:42:00	31				SLEW TO HELIO-13B			27087:04:001F	02-176/15:00:35	1T
2429	177 02:42:00	31				B- PLATPOA			27087:04:001F	02-176/15:00:35	1TB
2430	177 02:42:00	31			AC7SPK	(1 12 2 083 118) EL SLEW R=LOW	AACS		27087:04:003F	02-176/15:00:36	1ECa
2431	177 02:43:56	31				B- SLEND			27087:06:334F	02-176/15:02:31	1TB
2432	177 02:43:56	31			SLEWEND	AZ=125.000 EL=154.000 CO=149.074			27087:06:334F	02-176/15:02:31	1T
2433	177 02:59:46	31	65	OPCH	65	== START TLC TEST DOWN-LINK ==					1TD
2434	177 04:00:46	31	65	OPCH	65	== END TLC TEST DOWN-LINK ==					1TD
2435	177 04:10:00	31	65	LO	OPCH ACE	LOS DSS-65 PASS-9084					1DP
2436	177 04:51:47	31	60	SET		10 DEGREE SET DSC-60					1V
2437	177 07:50:00	31	24	AO	OPCH ACE	AOS DSS-24 PASS-9085 (D/L ONLY)					1DP
2438	177 08:16:05	31	40	RISE		10 DEGREE RISE DSC-40					1V
2439	177 10:45:00	31	24	LO	OPCH ACE	LOS DSS-24 PASS-9085					1DP
2440	177 11:25:00	31	34	AO	OPCH ACE	AOS DSS-34 PASS-9085 (D/L ONLY)					1DP
2441	177 12:00:00	31				VGR-31 OWLT IS 11H 41M 27S					1L
2442	177 12:17:35	31	10	SET		10 DEGREE SET DSC-10					1V
2443	177 15:25:00	31	34	LO	OPCH ACE	LOS DSS-34 PASS-9085					1DP
2444	177 17:10:23	31	60	RISE		10 DEGREE RISE DSC-60					1V
2445	177 17:19:42	31	40	SET		10 DEGREE SET DSC-40					1V
2446	177 18:15:00	31	65	AO	OPCH ACE	AOS DSS-65 PASS-9085 (D/L ONLY)					1DP
2447	178 00:00:00	31				VGR-31 OWLT IS 11H 41M 31S					1L

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2448	178 00:43:19	31	10RISE			10 DEGREE RISE DSC-10					1V
2449	178 02:42:08	31				B- UVSLEW			27117:04:001F	02-177/15:00:35	1TB
2450	178 02:42:08	31				SLEW TO HELIO-12B			27117:04:001F	02-177/15:00:35	1T
2451	178 02:42:08	31				B- PLATPOA			27117:04:001F	02-177/15:00:35	1TB
2452	178 02:42:08	31			AC7SPK	(1 12 1 075 108) EL SLEW R=LOW	AACS		27117:04:003F	02-177/15:00:36	1ECa
2453	178 02:44:34	31				B- SLEND			27117:07:034F	02-177/15:03:01	1TB
2454	178 02:44:34	31			SLEWEND	AZ=125.000 EL=165.518 CO=160.295			27117:07:034F	02-177/15:03:01	1T
2455	178 03:40:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9086 (D/L ONLY)					1DP
2456	178 04:00:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9085					1DP
2457	178 04:47:48	31	60 SET			10 DEGREE SET DSC-60					1V
2458	178 08:12:06	31	40RISE			10 DEGREE RISE DSC-40					1V
2459	178 11:10:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9086					1DP
2460	178 12:00:00	31				VGR-31 OWLT IS 11H 41M 35S					1L
2461	178 12:13:36	31	10 SET			10 DEGREE SET DSC-10					1V
2462	178 17:06:25	31	60RISE			10 DEGREE RISE DSC-60					1V
2463	178 17:15:44	31	40 SET			10 DEGREE SET DSC-40					1V
2464	178 20:35:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9086 (D/L ONLY)					1DP
2465	179 00:00:00	31				VGR-31 OWLT IS 11H 41M 39S					1L
2466	179 00:39:21	31	10RISE			10 DEGREE RISE DSC-10					1V
2467	179 02:42:16	31				B- UVSLEW			27147:04:001F	02-178/15:00:35	1TB
2468	179 02:42:16	31				SLEW TO HELIO-11B			27147:04:001F	02-178/15:00:35	1T
2469	179 02:42:16	31				B- PLATPOA			27147:04:001F	02-178/15:00:35	1TB
2470	179 02:42:16	31			AC7SPK	(1 12 2 068 132) EL SLEW R=LOW	AACS		27147:04:003F	02-178/15:00:36	1ECa

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2471	179 02:44:30	31				B- SLEND			27147:06:634F	02-178/15:02:49	1TB
2472	179 02:44:30	31			SLEWEND	AZ=125.000 EL=176.032 CO=170.019			27147:06:634F	02-178/15:02:49	1T
2473	179 03:40:00	31	15	AO	OPCH ACE	AOS DSS-15 PASS-9087 (D/L ONLY)					1DP
2474	179 04:00:00	31	65	LO	OPCH ACE	LOS DSS-65 PASS-9086					1DP
2475	179 04:43:50	31	60	SET		10 DEGREE SET DSC-60					1V
2476	179 07:20:00	31	15	LO	OPCH ACE	LOS DSS-15 PASS-9087					1DP
2477	179 08:00:00	31	43	AO	OPCH ACE	AOS DSS-43 PASS-9087 (D/L ONLY)					1DP
2478	179 08:08:08	31	40	RISE		10 DEGREE RISE DSC-40					1V
2479	179 12:00:00	31				VGR-31 OWLT IS 11H 41M 43S					1L
2480	179 12:09:38	31	10	SET		10 DEGREE SET DSC-10					1V
2481	179 14:00:00	31	43	LO	OPCH ACE	LOS DSS-43 PASS-9087					1DP
2482	179 16:33:32	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		27164:23:002F	02-179/04:51:48	1ECd
2483	179 16:33:32	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:2343	DTR		27164:23:002F	02-179/04:51:48	1ESd
2484	179 17:02:27	31	60	RISE		10 DEGREE RISE DSC-60					1V
2485	179 17:11:45	31	40	SET		10 DEGREE SET DSC-40					1V
2486	179 17:15:30	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		27165:15:360F	02-179/05:33:45	1ECd
2487	179 17:15:30	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3250	DTR		27165:15:360F	02-179/05:33:45	1ESd
2488	179 19:05:00	31	65	AO	OPCH ACE	AOS DSS-65 PASS-9087 (D/L ONLY)					1DP
2489	179 19:30:57	31			ACE OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT 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	179 19:35:57	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	27168:11:001F	02-179/07:54:11	1ESf
2505	179 19:35:57	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		27168:11:002F	02-179/07:54:12	1ECs
2506	179 19:35:58	31				B- DRCRUS			27168:11:018F	02-179/07:54:12	1TB
2507	179 19:35:58	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		27168:11:026F	02-179/07:54:13	1ECf
2508	179 19:36:45	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	27168:12:001F	02-179/07:54:59	1ESf
2509	179 19:36:45	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		27168:12:002F	02-179/07:54:59	1ECs
2510	179 19:36:45	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		27168:12:002F	02-179/07:55:00	1ECd
2511	179 19:36:45	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:2957	DTR		27168:12:002F	02-179/07:55:00	1ESd
2512	179 19:37:33	31			SC32AJ	(11) PLS CONFIG CMD	FDS		27168:13:009F	02-179/07:55:48	1ECf
2513	179 19:37:34	31				END PWSREC.31			27168:13:018F	02-179/07:55:48	1T
2514	179 21:04:45	31				B- GYONBC.31			27170:02:001F	02-179/09:22:59	1TB

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2515	179 21:04:45	31				BEGIN GYONBC31			27170:02:001F	02-179/09:22:59	1T
2516	179 21:04:45	31			AC7GYP	(111) DRIRU PATTERN CONTROL GYRO/AXIS=B/PITCH C/YAW & ROLL	AACS		27170:02:003F	02-179/09:23:00	1ECa
2517	179 21:04:45	31			CC7GARP	GYRO A OFF	PWR		27170:02:004F	02-179/09:23:00	1ECp
2518	179 21:04:45	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS		27170:02:004F	02-179/09:23:00	1ESa
2519	179 21:04:45	31			CC7GARP	GYRO A OFF	PWR		27170:02:006F	02-179/09:23:00	1ECp
2520	179 21:04:45	31			CC7PC	(352) GYRO A OFF	AACS		27170:02:008F	02-179/09:23:00	1ECa
2521	179 21:04:45	31			CC7GCP	GYRO C ON	PWR		27170:02:009F	02-179/09:23:00	1ECp
2522	179 21:04:45	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: ON	AACS		27170:02:009F	02-179/09:23:00	1ESa
2523	179 21:04:46	31			CC7GCP	GYRO C ON	PWR		27170:02:011F	02-179/09:23:00	1ECp
2524	179 21:04:46	31			CC7PC	(373) GYRO C ON	AACS		27170:02:013F	02-179/09:23:00	1ECa
2525	179 21:04:46	31			CC7GBP	GYRO B ON	PWR		27170:02:013F	02-179/09:23:00	1ECp
2526	179 21:04:46	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		27170:02:013F	02-179/09:23:00	1ESa
2527	179 21:04:46	31			CC7GBP	GYRO B ON	PWR		27170:02:016F	02-179/09:23:00	1ECp
2528	179 21:04:46	31			CC7PC	(363) GYRO B ON	AACS		27170:02:018F	02-179/09:23:00	1ECa
2529	179 21:05:14	31				DRIRU INITIALIZATION			27170:02:484F	02-179/09:23:28	1T

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT 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	179 21:05:15	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		27170:02:502F	02-179/09:23:30	1ECa
2531	179 21:05:44	31				SET CALIB			27170:03:184F	02-179/09:23:58	1T
2532	179 21:05:45	31			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		27170:03:204F	02-179/09:24:00	1ECa
2533	179 21:14:45	31				START GYRO FAULT TEST			27170:14:384F	02-179/09:32:58	1T
2534	179 21:14:46	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		27170:14:402F	02-179/09:33:00	1ECa
2535	179 21:14:47	31				END GYONBC31			27170:14:418F	02-179/09:33:00	1T
2536	179 21:38:58	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2537	179 21:40:34	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2538	179 21:42:34	31				B- MISCMD			27170:49:201F	02-179/10:00:47	1TB
2539	179 21:42:34	31				MISCMD - BYPASS Y THRUST LOGIC			27170:49:201F	02-179/10:00:47	1T
2540	179 21:42:34	31				B- MISCMD			27170:49:201F	02-179/10:00:47	1TB
2541	179 21:42:34	31				MISCMD - LINK 60MS LOGIC			27170:49:201F	02-179/10:00:47	1T
2542	179 21:42:34	31				B- MISCMD			27170:49:201F	02-179/10:00:47	1TB
2543	179 21:42:34	31				MISCMD - SET APPWAUTDL FLAG			27170:49:201F	02-179/10:00:47	1T
2544	179 21:42:34	31			AC7PAR	(2336 551150) PARAMETER LOAD	AACS		27170:49:204F	02-179/10:00:48	1ECa
2545	179 21:42:34	31			AC7PAR	(2334 054634) PARAMETER LOAD	AACS		27170:49:206F	02-179/10:00:48	1ECa
2546	179 21:42:34	31			AC7PAR	(7746 000001) PARAMETER LOAD	AACS		27170:49:208F	02-179/10:00:48	1ECa
2547	179 21:43:10	31				B- MISCMD			27170:50:001F	02-179/10:01:23	1TB
2548	179 21:43:10	31				MISCMD - AACS MRO			27170:50:001F	02-179/10:01:23	1T
2549	179 21:43:10	31			SC06BB	(53 0 07 1) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : MEMORY	FDS		27170:50:009F	02-179/10:01:24	1ECf

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2550	179 21:43:11	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		27170:50:013F	02-179/10:01:24	1ECd
2551	179 21:43:11	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2951	DTR		27170:50:013F	02-179/10:01:24	1ESd
2552	179 21:43:58	31				B- MISCMD			27170:51:001F	02-179/10:02:11	1TB
2553	179 21:43:58	31				MISCMD - R/O APPW LINK			27170:51:001F	02-179/10:02:11	1T
2554	179 21:43:58	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	27170:51:001F	02-179/10:02:11	1ESf
2555	179 21:43:58	31			AC7MLD	(2330) MISC LOGIC CNTL MEM DUMP	AACS		27170:51:003F	02-179/10:02:12	1ECa
2556	179 21:44:46	31				B- MISCMD			27170:52:001F	02-179/10:02:59	1TB
2557	179 21:44:46	31				MISCMD - R/O APPWAUTDL			27170:52:001F	02-179/10:02:59	1T
2558	179 21:44:46	31				B- MISCMD			27170:52:001F	02-179/10:02:59	1TB
2559	179 21:44:46	31				MISCMD - AACS MRO			27170:52:001F	02-179/10:02:59	1T
2560	179 21:44:46	31			AC7MLD	(7740) MISC LOGIC CNTL MEM DUMP	AACS		27170:52:003F	02-179/10:03:00	1ECa
2561	179 21:44:46	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		27170:52:010F	02-179/10:03:00	1ECf
2562	179 21:45:34	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	27170:53:001F	02-179/10:03:47	1ESf
2563	179 22:11:17	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		27171:25:117F	02-179/10:29:30	1ECd

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2564	179 22:11:17	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2343	DTR		27171:25:117F	02-179/10:29:30	1ESd
2565	180 00:00:00	31				VGR-31 OWLT IS 11H 41M 46S					1L
2566	180 00:35:23	31	10RISE			10 DEGREE RISE DSC-10					1V
2567	180 00:43:11	31			CC16C	(7024) DTR STATE SELECT: READY	DTR		27174:35:002F	02-179/13:01:24	1ECd
2568	180 00:43:11	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:2343	DTR		27174:35:002F	02-179/13:01:24	1ESd
2569	180 02:42:23	31				B- UVSLEW			27177:04:001F	02-179/15:00:35	1TB
2570	180 02:42:23	31				SLEW TO MIDPNT-B			27177:04:001F	02-179/15:00:35	1T
2571	180 02:42:23	31				B- PLATPOB			27177:04:001F	02-179/15:00:35	1TB
2572	180 02:42:23	31			AC7SPK	(1 12 1 093 214) EL SLEW R=LOW	AACS		27177:04:003F	02-179/15:00:36	1ECa
2573	180 02:42:23	31			AC7SPK	(2 12 1 165 137) AZ SLEW R=LOW	AACS		27177:04:005F	02-179/15:00:36	1ECa
2574	180 03:09:10	31				B- SLEND			27177:37:384F	02-179/15:27:22	1TB
2575	180 03:09:10	31			SLEWEND	AZ=220.214 EL=140.021 CO=134.945			27177:37:384F	02-179/15:27:22	1T
2576	180 03:35:00	31	15	AO	OPCH ACE	AOS DSS-15 PASS-9088 (D/L ONLY)					1DP
2577	180 03:55:00	31	65	LO	OPCH ACE	LOS DSS-65 PASS-9087					1DP
2578	180 04:39:51	31	60	SET		10 DEGREE SET DSC-60					1V
2579	180 08:04:09	31	40RISE			10 DEGREE RISE DSC-40					1V
2580	180 09:00:00	31	45	AO	OPCH ACE	AOS DSS-45 PASS-9088 (D/L ONLY)					1DP
2581	180 09:20:00	31	15	LO	OPCH ACE	LOS DSS-15 PASS-9088					1DP
2582	180 12:00:00	31				VGR-31 OWLT IS 11H 41M 50S					1L

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2583	180 12:05:39	31	10	SET		10 DEGREE SET DSC-10					1V
2584	180 16:10:00	31	45	LO	OPCH ACE	LOS DSS-45 PASS-9088					1DP
2585	180 16:58:29	31	60	RISE		10 DEGREE RISE DSC-60					1V
2586	180 17:07:47	31	40	SET		10 DEGREE SET DSC-40					1V
2587	180 18:10:00	31	65	AO	OPCH ACE	AOS DSS-65 PASS-9088 (D/L ONLY)					1DP
2588	181 00:00:00	31				VGR-31 OWLT IS 11H 41M 54S					1L
2589	181 00:31:25	31	10	RISE		10 DEGREE RISE DSC-10					1V
2590	181 02:42:31	31				B- UVSLEW			27207:04:001F	02-180/15:00:35	1TB
2591	181 02:42:31	31				SLEW TO HELIO-10B			27207:04:001F	02-180/15:00:35	1T
2592	181 02:42:31	31				B- PLATPOB			27207:04:001F	02-180/15:00:35	1TB
2593	181 02:42:31	31			AC7SPK	(2 12 2 236 091) AZ SLEW R=LOW	AACS		27207:04:003F	02-180/15:00:36	1ECa
2594	181 02:42:31	31			AC7SPK	(1 12 1 068 036) EL SLEW R=LOW	AACS		27207:04:005F	02-180/15:00:36	1ECa
2595	181 03:09:55	31				B- SLEND			27207:38:201F	02-180/15:27:59	1TB
2596	181 03:09:55	31			SLEWEND	AZ=319.987 EL=175.032 CO=176.018			27207:38:201F	02-180/15:27:59	1T
2597	181 03:50:00	31	65	LO	OPCH ACE	LOS DSS-65 PASS-9088					1DP
2598	181 03:55:00	31	15	AO	OPCH ACE	AOS DSS-15 PASS-9089 (D/L ONLY)					1DP
2599	181 04:35:53	31	60	SET		10 DEGREE SET DSC-60					1V
2600	181 06:59:21	31			AC7SSB	(3 +003) SS BIAS CONTROL - PITCH	AACS		27212:25:003F	02-180/19:17:24	1ECa
2601	181 08:00:10	31	40	RISE		10 DEGREE RISE DSC-40					1V
2602	181 11:15:00	31	15	LO	OPCH ACE	LOS DSS-15 PASS-9089					1DP
2603	181 12:00:00	31				VGR-31 OWLT IS 11H 41M 58S					1L
2604	181 12:01:41	31	10	SET		10 DEGREE SET DSC-10					1V
2605	181 16:54:31	31	60	RISE		10 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2606	181 17:03:50	31	40	SET		10 DEGREE SET DSC-40					1V
2607	181 19:55:00	31	65	AO	OPCH ACE	AOS DSS-65 PASS-9089 (D/L ONLY)					1DP
2608	182 00:00:00	31				VGR-31 OWLT IS 11H 42M 02S					1L
2609	182 00:27:27	31	10	RISE		10 DEGREE RISE DSC-10					1V
2610	182 02:42:39	31				B- UVSLEW			27237:04:001F	02-181/15:00:35	1TB
2611	182 02:42:39	31				SLEW TO HELIO-9B			27237:04:001F	02-181/15:00:35	1T
2612	182 02:42:39	31				B- PLATPOB			27237:04:001F	02-181/15:00:35	1TB
2613	182 02:42:39	31			AC7SPK	(1 12 1 076 124) EL SLEW R=LOW	AACS		27237:04:003F	02-181/15:00:36	1ECa
2614	182 02:42:39	31			AC7SPL	(2 12 1 255 222) AZ SLEW R=LOW	AACS		27237:04:005F	02-181/15:00:36	1ECa
2615	182 02:44:57	31				B- SLEND			27237:06:701F	02-181/15:02:53	1TB
2616	182 02:44:57	31			SLEWEND	AZ=319.959 EL=165.058 CO=169.899			27237:06:701F	02-181/15:02:53	1T
2617	182 03:45:00	31	65	LO	OPCH ACE	LOS DSS-65 PASS-9089					1DP
2618	182 04:10:00	31	14	AO	OPCH ACE	AOS DSS-14 PASS-9090 (U/L PASS) PERFORM RFSTLC PER TELECOM MESSAGE					1DP
2619	182 04:31:54	31	60	SET		10 DEGREE SET DSC-60					1V
2620	182 06:30:00	31	14		OPCH 14	== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==					1TD
2621	182 06:30:00	31	14		OPCH 14	== TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL)					1TD
2622	182 06:31:00	31	14		OPCH 14	== TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN					1TD

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2623	182 06:32:00	31	14	OPCH 14		== TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) ==					1TD
2624	182 06:57:00	31	14	OPCH 14		== END TLC TEST UP-LINK == == TURN TRANSMITTER OFF == TUNE TO TSF @ 48 HZ/SEC (S-BAND)					1TD
2625	182 07:56:12	31	40RISE			10 DEGREE RISE DSC-40					1V
2626	182 09:15:00	31	24 AO	OPCH ACE		AOS DSS-24 PASS-9090 (D/L ONLY)					1DP
2627	182 09:35:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-9090					1DP
2628	182 10:50:00	31	24 LO	OPCH ACE		LOS DSS-24 PASS-9090					1DP
2629	182 11:57:42	31	10 SET			10 DEGREE SET DSC-10					1V
2630	182 12:00:00	31				VGR-31 OWLT IS 11H 42M 06S					1L
2631	182 14:00:00	31	43 AO	OPCH ACE		AOS DSS-43 PASS-9090 (U/L PASS)					1DP
2632	182 15:30:00	31	43 LO	OPCH ACE		LOS DSS-43 PASS-9090					1DP
2633	182 16:50:33	31	60RISE			10 DEGREE RISE DSC-60					1V
2634	182 16:59:52	31	40 SET			10 DEGREE SET DSC-40					1V
2635	182 20:00:00	31	54 AO	OPCH ACE		AOS DSS-54 PASS-9090 (D/L ONLY)					1DP
2636	182 23:25:00	31	54 LO	OPCH ACE		LOS DSS-54 PASS-9090					1DP
2637	183 00:00:00	31				VGR-31 OWLT IS 11H 42M 11S					1L
2638	183 00:23:29	31	10RISE			10 DEGREE RISE DSC-10					1V
2639	183 02:20:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9091 (D/L ONLY)					1DP
2640	183 02:42:47	31				B- UVSLEW			27267:04:001F	02-182/15:00:35	1TB
2641	183 02:42:47	31				SLEW TO HELIO-8B			27267:04:001F	02-182/15:00:35	1T

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2642	183 02:42:47	31				B- PLATPOA			27267:04:001F	02-182/15:00:35	1TB
2643	183 02:42:47	31			AC7SPK	(1 12 1 082 178) EL SLEW R=LOW	AACS		27267:04:003F	02-182/15:00:36	1ECa
2644	183 02:44:43	31				B- SLEND			27267:06:334F	02-182/15:02:31	1TB
2645	183 02:44:43	31			SLEWEND	AZ=319.959 EL=156.036 CO=161.270			27267:06:334F	02-182/15:02:31	1T
2646	183 04:27:55	31	60 SET			10 DEGREE SET DSC-60					1V
2647	183 05:52:25	31				B- RFSTLC			27271:01:001F	02-182/18:10:11	1TB
2648	183 06:21:22	31	25	OPCH	25						1TD
						== START TLC TEST DOWN-LINK ==					
2649	183 07:22:22	31	25	OPCH	25						1TD
						== END TLC TEST DOWN-LINK ==					
2650	183 07:52:13	31	40RISE			10 DEGREE RISE DSC-40					1V
2651	183 08:15:00	31	14 AO	OPCH	ACE	AOS DSS-14 PASS-9091 (D/L ONLY)					1DP
2652	183 08:35:00	31	25 LO	OPCH	ACE	LOS DSS-25 PASS-9091					1DP
2653	183 11:50:00	31	14 LO	OPCH	ACE	LOS DSS-14 PASS-9091					1DP
2654	183 11:53:44	31	10 SET			10 DEGREE SET DSC-10					1V
2655	183 12:00:00	31				VGR-31 OWLT IS 11H 42M 15S					1L
2656	183 13:07:27	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2657	183 13:07:27	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
2658	183 13:08:15	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2670	183 13:12:28	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		27280:11:026F	02-183/01:30:13	1ECf
2671	183 13:13:15	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	27280:12:001F	02-183/01:30:59	1ESf
2672	183 13:13:15	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		27280:12:002F	02-183/01:30:59	1ECs
2673	183 13:13:15	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		27280:12:002F	02-183/01:31:00	1ECd
2674	183 13:13:15	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:2051	DTR		27280:12:002F	02-183/01:31:00	1ESd
2675	183 13:14:03	31			SC32AJ	(11) PLS CONFIG CMD	FDS		27280:13:009F	02-183/01:31:48	1ECf
2676	183 13:14:04	31				END PWSREC.31			27280:13:018F	02-183/01:31:48	1T
2677	183 14:00:00	31	45 AO	OPCH ACE		AOS DSS-45 PASS-9091 (D/L ONLY)					1DP
2678	183 14:50:00	31	45 LO	OPCH ACE		LOS DSS-45 PASS-9091					1DP
2679	183 16:46:35	31	60RISE			10 DEGREE RISE DSC-60					1V
2680	183 16:55:54	31	40 SET			10 DEGREE SET DSC-40					1V
2681	183 18:00:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9091 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2690	183 18:30:53	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		27286:49:002F	02-183/06:48:35	1ECs
2691	183 18:46:05	31				.05 ALL AXES DEADBAND			27287:08:001F	02-183/07:03:47	1T
2692	183 18:46:05	31			AC7DDB	(000480) CHG TO .05 DEG DEADBAND	AACS		27287:08:003F	02-183/07:03:48	1ECa
2693	183 19:02:05	31			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		27287:28:002F	02-183/07:19:48	1ECa
2694	183 19:02:05	31				AACS STATUS MODE : AAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS	27287:28:002F	02-183/07:19:48	1ESa	
2695	183 19:02:05	31			CC7GARP	GYRO A OFF	PWR		27287:28:003F	02-183/07:19:48	1ECp
2696	183 19:02:05	31			CC7GARP	GYRO A OFF	PWR		27287:28:005F	02-183/07:19:48	1ECp
2697	183 19:02:05	31			CC7PC	(352) GYRO A OFF	AACS		27287:28:007F	02-183/07:19:48	1ECa
2698	183 19:02:05	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		27287:28:007F	02-183/07:19:48	1ECp
2699	183 19:02:05	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		27287:28:010F	02-183/07:19:48	1ECp
2700	183 19:02:06	31			CC7PC	(312) DUMMY PWR CMD	AACS		27287:28:012F	02-183/07:19:48	1ECa
2701	183 19:02:52	31	65	OPCH 65		ASCAL =====					1TD
2702	183 19:02:53	31				START FIRST YAW DRIFT TURN			27287:29:001F	02-183/07:20:35	1T
2703	183 19:02:53	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		27287:29:003F	02-183/07:20:36	1ECa
2704	183 19:06:53	31			AC7PAR	(7015 764220) PARAMETER LOAD	AACS		27287:34:003F	02-183/07:24:36	1ECa
2705	183 19:14:53	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		27287:44:003F	02-183/07:32:36	1ECa
2706	183 19:18:53	31			AC7PAR	(7015 000000) PARAMETER LOAD	AACS		27287:49:003F	02-183/07:36:36	1ECa

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2707	183 19:18:53	31	65	OPCH 65		ASCAL =====					1TD
						END YAW DRIFT TURNS					
2708	183 19:18:54	31				END THIRD YAW DRIFT TURN			27287:49:018F	02-183/07:36:36	1T
2709	183 19:19:40	31	65	OPCH 65		ASCAL =====					1TD
						START PITCH DRIFT TURNS					
2710	183 19:19:41	31				START FIRST PITCH DRIFT TURN			27287:50:001F	02-183/07:37:23	1T
2711	183 19:19:41	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		27287:50:003F	02-183/07:37:24	1ECa
2712	183 19:23:41	31			AC7PAR	(7014 764220) PARAMETER LOAD	AACS		27287:55:003F	02-183/07:41:24	1ECa
2713	183 19:31:41	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		27288:05:003F	02-183/07:49:24	1ECa
2714	183 19:35:41	31			AC7PAR	(7014 000000) PARAMETER LOAD	AACS		27288:10:003F	02-183/07:53:24	1ECa
2715	183 19:35:41	31	65	OPCH 65		ASCAL =====					1TD
						END PITCH DRIFT TURNS					
2716	183 19:35:42	31				END THIRD PITCH DRIFT TURN			27288:10:018F	02-183/07:53:24	1T
2717	183 19:36:47	31				B- MISCMD			27288:11:301F	02-183/07:54:29	1TB
2718	183 19:36:47	31				MISCMD - RESET CALIB			27288:11:301F	02-183/07:54:29	1T
2719	183 19:36:47	31			AC7PAR	(7530 000000) PARAMETER LOAD	AACS		27288:11:304F	02-183/07:54:30	1ECa
2720	183 19:37:17	31			CC7SS	(1) SS SEARCH ENABLE	AACS		27288:12:001F	02-183/07:54:59	1ECa
2721	183 19:37:17	31				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS	27288:12:001F	02-183/07:54:59	1ESa	

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2722	183 19:37:17	31			CC7PC	(327) IDET ACQUIRED	AACS		27288:12:002F	02-183/07:55:00	1ECa
2723	183 19:37:17	31			CC7GARP	GYRO A OFF	PWR		27288:12:003F	02-183/07:55:00	1ECp
2724	183 19:37:17	31			CC7GARP	GYRO A OFF	PWR		27288:12:005F	02-183/07:55:00	1ECp
2725	183 19:37:17	31			CC7PC	(352) GYRO A OFF	AACS		27288:12:007F	02-183/07:55:00	1ECa
2726	183 19:37:17	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		27288:12:008F	02-183/07:55:00	1ECp
2727	183 19:37:17	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		27288:12:010F	02-183/07:55:00	1ECp
2728	183 19:37:18	31			CC7PC	(312) DUMMY PWR CMD	AACS		27288:12:012F	02-183/07:55:00	1ECa
2729	183 19:37:53	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2730	183 19:37:53	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
2731	183 19:38:53	31			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		27288:14:001F	02-183/07:56:35	1ECa
2732	183 19:39:58	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS	27288:15:285F	02-183/07:57:40	1ESa	
2733	183 19:39:58	31			CC7PC	(307) STAR ACQUIRED	AACS		27288:15:285F	02-183/07:57:40	1ECa
2734	183 19:39:58	31			CC7GCRP	GYRO C OFF	PWR		27288:15:286F	02-183/07:57:41	1ECp
2735	183 19:39:58	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS	27288:15:286F	02-183/07:57:41	1ESa	
2736	183 19:39:58	31			CC7GCRP	GYRO C OFF	PWR		27288:15:288F	02-183/07:57:41	1ECp
2737	183 19:39:58	31			CC7PC	(372) GYRO C OFF	AACS		27288:15:290F	02-183/07:57:41	1ECa

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2738	183 19:39:58	31			CC7GBRP	GYRO B OFF	PWR		27288:15:290F	02-183/07:57:41	1ECp
2739	183 19:39:58	31				AACS AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF		27288:15:290F	02-183/07:57:41	1ESa	
2740	183 19:39:58	31			CC7GBRP	GYRO B OFF	PWR		27288:15:293F	02-183/07:57:41	1ECp
2741	183 19:39:59	31			CC7PC	(362) GYRO B OFF	AACS		27288:15:295F	02-183/07:57:41	1ECa
2742	183 19:39:59	31			CC7GARP	GYRO A OFF	PWR		27288:15:295F	02-183/07:57:41	1ECp
2743	183 19:39:59	31			CC7GARP	GYRO A OFF	PWR		27288:15:297F	02-183/07:57:41	1ECp
2744	183 19:39:59	31			CC7PC	(352) GYRO A OFF	AACS		27288:15:299F	02-183/07:57:41	1ECa
2745	183 19:39:59	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		27288:15:300F	02-183/07:57:41	1ECp
2746	183 19:39:59	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		27288:15:302F	02-183/07:57:42	1ECp
2747	183 19:39:59	31			CC7PC	(312) DUMMY PWR CMD	AACS		27288:15:304F	02-183/07:57:42	1ECa
2748	183 19:42:05	31				B- DRCRUS			27288:18:001F	02-183/07:59:47	1TB
2749	183 19:42:05	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		27288:18:009F	02-183/07:59:48	1ECf
2750	183 19:42:53	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	27288:19:001F	02-183/08:00:35	1ESf
2751	183 19:42:53	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		27288:19:002F	02-183/08:00:35	1ECs
2752	183 19:48:29	31				B- YAWDB			27288:26:001F	02-183/08:06:11	1TB

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2753	183 19:48:29	31				YAWDB - .10			27288:26:001F	02-183/08:06:11	1T
2754	183 19:48:29	31				B- ROLLDB			27288:26:001F	02-183/08:06:11	1TB
2755	183 19:48:29	31				ROLLDB - .25			27288:26:001F	02-183/08:06:11	1T
2756	183 19:48:29	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		27288:26:003F	02-183/08:06:12	1ECa
2757	183 19:48:29	31			AC7PAR	(6742 004540) +ROLL DB=.25 DEG	AACS		27288:26:005F	02-183/08:06:12	1ECa
2758	183 19:48:30	31	65	OPCH	65	END ASCAL					1TD
2759	184 00:00:00	31				VGR-31 OWLT IS 11H 42M 19S					1L
2760	184 00:19:31	31	10RISE			10 DEGREE RISE DSC-10					1V
2761	184 00:40:00	31	65 LO	OPCH	ACE	LOS DSS-65 PASS-9091					1DP
2762	184 02:42:56	31				B- UVSLEW			27297:04:001F	02-183/15:00:35	1TB
2763	184 02:42:56	31				SLEW TO HELIO-7B			27297:04:001F	02-183/15:00:35	1T
2764	184 02:42:56	31				B- PLATPOA			27297:04:001F	02-183/15:00:35	1TB
2765	184 02:42:56	31			AC7SPK	(1 12 1 088 231) EL SLEW R=LOW	AACS		27297:04:003F	02-183/15:00:36	1ECa
2766	184 02:44:52	31				B- SLEND			27297:06:334F	02-183/15:02:31	1TB
2767	184 02:44:52	31			SLEWEND	AZ=319.959 EL=147.031 CO=152.418			27297:06:334F	02-183/15:02:31	1T
2768	184 03:25:00	31	24 AO	OPCH	ACE	AOS DSS-24 PASS-9092 (D/L ONLY)					1DP
2769	184 04:23:57	31	60 SET			10 DEGREE SET DSC-60					1V
2770	184 07:48:15	31	40RISE			10 DEGREE RISE DSC-40					1V
2771	184 08:30:00	31	24 LO	OPCH	ACE	LOS DSS-24 PASS-9092					1DP
2772	184 11:30:11	31			AC7SSB	(4 +140) SS BIAS CONTROL --- YAW	AACS		27308:03:003F	02-183/23:47:48	1ECa
2773	184 11:49:45	31	10 SET			10 DEGREE SET DSC-10					1V
2774	184 12:00:00	31				VGR-31 OWLT IS 11H 42M 23S					1L

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2775	184 16:42:37	31	60RISE			10 DEGREE RISE DSC-60					1V
2776	184 16:51:56	31	40 SET			10 DEGREE SET DSC-40					1V
2777	184 21:50:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9092 (D/L ONLY)					1DP
2778	185 00:00:00	31				VGR-31 OWLT IS 11H 42M 27S					1L
2779	185 00:15:33	31	10RISE			10 DEGREE RISE DSC-10					1V
2780	185 02:15:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9093 (D/L ONLY)					1DP
2781	185 02:20:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9092					1DP
2782	185 02:43:04	31				B- UVSLEW			27327:04:001F	02-184/15:00:35	1TB
2783	185 02:43:04	31				SLEW TO HELIO-6B			27327:04:001F	02-184/15:00:35	1T
2784	185 02:43:04	31				B- PLATPOA			27327:04:001F	02-184/15:00:35	1TB
2785	185 02:43:04	31			AC7SPK	(1 12 1 097 161) EL SLEW R=LOW	AACS		27327:04:003F	02-184/15:00:36	1ECa
2786	185 02:45:48	31				B- SLEND			27327:07:334F	02-184/15:03:19	1TB
2787	185 02:45:48	31			SLEWEND	AZ=319.959 EL=134.030 CO=139.544			27327:07:334F	02-184/15:03:19	1T
2788	185 04:19:58	31	60 SET			10 DEGREE SET DSC-60					1V
2789	185 07:44:16	31	40RISE			10 DEGREE RISE DSC-40					1V
2790	185 10:45:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9093					1DP
2791	185 11:45:47	31	10 SET			10 DEGREE SET DSC-10					1V
2792	185 12:00:00	31				VGR-31 OWLT IS 11H 42M 31S					1L
2793	185 16:04:45	31			AC7SSB	(3 +004) SS BIAS CONTROL - PITCH	AACS		27343:46:003F	02-185/04:22:12	1ECa
2794	185 16:38:40	31	60RISE			10 DEGREE RISE DSC-60					1V
2795	185 16:47:58	31	40 SET			10 DEGREE SET DSC-40					1V
2796	186 00:00:00	31				VGR-31 OWLT IS 11H 42M 36S					1L
2797	186 00:11:35	31	10RISE			10 DEGREE RISE DSC-10					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
2798	186 00:55:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9093 (D/L ONLY)					1DP
2799	186 02:43:12	31				B- UVSLEW			27357:04:001F	02-185/15:00:35	1TB
2800	186 02:43:12	31				SLEW TO HELIO-5B			27357:04:001F	02-185/15:00:35	1T
2801	186 02:43:12	31				B- PLATPOA			27357:04:001F	02-185/15:00:35	1TB
2802	186 02:43:12	31			AC7SPK	(1 12 1 104 214) EL SLEW R=LOW	AACS		27357:04:003F	02-185/15:00:36	1ECa
2803	186 02:45:07	31				B- SLEND			27357:06:318F	02-185/15:02:30	1TB
2804	186 02:45:07	31			SLEWEND	AZ=319.959 EL=125.038 CO=130.556			27357:06:318F	02-185/15:02:30	1T
2805	186 04:00:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9094 (D/L ONLY)					1DP
2806	186 04:16:00	31	60 SET			10 DEGREE SET DSC-60					1V
2807	186 04:20:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9093					1DP
2808	186 07:40:17	31	40RISE			10 DEGREE RISE DSC-40					1V
2809	186 10:40:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9094					1DP
2810	186 11:41:48	31	10 SET			10 DEGREE SET DSC-10					1V
2811	186 12:00:00	31				VGR-31 OWLT IS 11H 42M 40S					1L
2812	186 16:10:29	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		27373:53:002F	02-186/04:27:48	1ECd
2813	186 16:10:29	31					DTR		27373:53:002F	02-186/04:27:48	1ESd
						DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:2044					
2814	186 16:34:42	31	60RISE			10 DEGREE RISE DSC-60					1V
2815	186 16:44:00	31	40 SET			10 DEGREE SET DSC-40					1V
2816	186 16:52:28	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		27374:45:361F	02-186/05:09:45	1ECd

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2830	186 19:12:06	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		27377:40:009F	02-186/07:29:24	1ECf
2831	186 19:12:50	31				BEGIN RECORDING PWS DATA			27377:40:734F	02-186/07:30:07	1T
2832	186 19:12:50	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		27377:40:735F	02-186/07:30:08	1ECd
2833	186 19:12:50	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:2951	DTR		27377:40:735F	02-186/07:30:08	1ESd
2834	186 19:12:54	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	27377:41:001F	02-186/07:30:11	1ESf
2835	186 19:12:54	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		27377:41:002F	02-186/07:30:11	1ECs
2836	186 19:12:55	31				B- DRCRUS			27377:41:018F	02-186/07:30:12	1TB
2837	186 19:12:55	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		27377:41:026F	02-186/07:30:13	1ECf
2838	186 19:13:42	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	27377:42:001F	02-186/07:30:59	1ESf

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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
2839	186 19:13:42	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		27377:42:002F	02-186/07:31:00	1ECs
2840	186 19:13:42	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		27377:42:002F	02-186/07:31:00	1ECd
2841	186 19:13:42	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:2658	DTR		27377:42:002F	02-186/07:31:00	1ESd
2842	186 19:14:30	31			SC32AJ	(11) PLS CONFIG CMD	FDS		27377:43:009F	02-186/07:31:48	1ECF
2843	186 19:14:31	31				END PWSREC.31			27377:43:018F	02-186/07:31:48	1T
2844	186 21:20:07	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		27380:20:002F	02-186/09:37:24	1ECd
2845	186 21:20:07	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2652	DTR		27380:20:002F	02-186/09:37:24	1ESd
2846	186 21:48:13	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		27380:55:106F	02-186/10:05:30	1ECd
2847	186 21:48:13	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2044	DTR		27380:55:106F	02-186/10:05:30	1ESd
2848	186 22:50:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9094					1DP
2849	187 00:00:00	31				VGR-31 OWLT IS 11H 42M 44S					1L
2850	187 00:07:38	31	10RISE			10 DEGREE RISE DSC-10					1V
2851	187 00:20:08	31			CC16C	(7024) DTR STATE SELECT: READY	DTR		27384:05:002F	02-186/12:37:24	1ECd
2852	187 00:20:08	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:2044	DTR		27384:05:002F	02-186/12:37:24	1ESd

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2853	187 02:05:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9095 (D/L ONLY)					1DP
2854	187 02:43:21	31				B- UVSLEW			27387:04:001F	02-186/15:00:35	1TB
2855	187 02:43:21	31				SLEW TO HELIO-4B			27387:04:001F	02-186/15:00:35	1T
2856	187 02:43:21	31				B- PLATPOA			27387:04:001F	02-186/15:00:35	1TB
2857	187 02:43:21	31			AC7SPK	(1 12 2 111 171) EL SLEW R=LOW	AACS		27387:04:003F	02-186/15:00:36	1ECa
2858	187 02:45:29	31				B- SLEND			27387:06:534F	02-186/15:02:43	1TB
2859	187 02:45:29	31			SLEWEND	AZ=319.959 EL=115.043 CO=120.581			27387:06:534F	02-186/15:02:43	1T
2860	187 04:12:01	31	60 SET			10 DEGREE SET DSC-60					1V
2861	187 07:36:19	31	40RISE			10 DEGREE RISE DSC-40					1V
2862	187 09:10:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9095					1DP
2863	187 11:37:50	31	10 SET			10 DEGREE SET DSC-10					1V
2864	187 12:00:00	31				VGR-31 OWLT IS 11H 42M 48S					1L
2865	187 16:30:44	31	60RISE			10 DEGREE RISE DSC-60					1V
2866	187 16:40:03	31	40 SET			10 DEGREE SET DSC-40					1V
2867	187 18:40:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9095 (D/L ONLY)					1DP
2868	188 00:00:00	31				VGR-31 OWLT IS 11H 42M 53S					1L
2869	188 00:03:40	31	10RISE			10 DEGREE RISE DSC-10					1V
2870	188 02:15:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9095					1DP
2871	188 02:43:30	31				B- UVSLEW			27417:04:001F	02-187/15:00:35	1TB
2872	188 02:43:30	31				SLEW TO HELIO-3B			27417:04:001F	02-187/15:00:35	1T
2873	188 02:43:30	31				B- PLATPOA			27417:04:001F	02-187/15:00:35	1TB
2874	188 02:43:30	31			AC7SPK	(1 12 1 118 128) EL SLEW R=LOW	AACS		27417:04:003F	02-187/15:00:36	1ECa
2875	188 02:45:37	31				B- SLEND			27417:06:518F	02-187/15:02:42	1TB

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2876	188 02:45:37	31			SLEWEND	AZ=319.959 EL=105.050 CO=110.606			27417:06:518F	02-187/15:02:42	1T
2877	188 03:45:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9096 (D/L ONLY)					1DP
2878	188 04:08:02	31	60 SET			10 DEGREE SET DSC-60					1V
2879	188 07:32:20	31	40RISE			10 DEGREE RISE DSC-40					1V
2880	188 10:30:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9096					1DP
2881	188 11:33:51	31	10 SET			10 DEGREE SET DSC-10					1V
2882	188 12:00:00	31				VGR-31 OWLT IS 11H 42M 57S					1L
2883	188 16:26:46	31	60RISE			10 DEGREE RISE DSC-60					1V
2884	188 16:36:05	31	40 SET			10 DEGREE SET DSC-40					1V
2885	188 20:20:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9096 (D/L ONLY)					1DP
2886	188 23:59:42	31	10RISE			10 DEGREE RISE DSC-10					1V
2887	189 00:00:00	31				VGR-31 OWLT IS 11H 43M 01S					1L
2888	189 02:43:38	31				B- UVSLEW			27447:04:001F	02-188/15:00:35	1TB
2889	189 02:43:38	31				SLEW TO HELIO-2B			27447:04:001F	02-188/15:00:35	1T
2890	189 02:43:38	31				B- PLATPOB			27447:04:001F	02-188/15:00:35	1TB
2891	189 02:43:38	31			AC7SPK	(1 12 2 125 084) EL SLEW R=LOW	AACS		27447:04:003F	02-188/15:00:36	1ECa
2892	189 02:43:38	31			AC7SPK	(2 12 1 232 046) AZ SLEW R=LOW	AACS		27447:04:005F	02-188/15:00:36	1ECa
2893	189 02:46:51	31				B- SLEND			27447:08:018F	02-188/15:03:48	1TB
2894	189 02:46:51	31			SLEWEND	AZ=314.967 EL=95.044 CO=100.267			27447:08:018F	02-188/15:03:48	1T
2895	189 03:50:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9097 (D/L ONLY)					1DP
2896	189 04:04:04	31	60 SET			10 DEGREE SET DSC-60					1V
2897	189 04:10:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9096					1DP
2898	189 07:28:22	31	40RISE			10 DEGREE RISE DSC-40					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
2899	189 08:20:00	31	45 AO	OPCH ACE		AOS DSS-45 PASS-9097 (D/L ONLY)					1DP
2900	189 08:50:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9097					1DP
2901	189 11:28:06	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2902	189 11:29:53	31	10 SET			10 DEGREE SET DSC-10					1V
2903	189 11:33:06	31					DTR		27458:05:602F	02-188/23:50:00	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:2044					
2904	189 11:33:06	31		ACE OPCH			FDS	CR-5T	27458:05:602F	02-188/23:50:00	1ESf
						FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11					
2905	189 11:43:07	31				A044 UPLINK WINDOW OPEN			27458:18:218F	02-189/00:00:00	1T
2906	189 12:00:00	31				VGR-31 OWLT IS 11H 43M 06S					1L
2907	189 14:50:00	31	45 LO	OPCH ACE		LOS DSS-45 PASS-9097					1DP
2908	189 16:22:49	31	60RISE			10 DEGREE RISE DSC-60					1V
2909	189 16:32:07	31	40 SET			10 DEGREE SET DSC-40					1V
2910	189 23:55:44	31	10RISE			10 DEGREE RISE DSC-10					1V
2911	190 00:00:00	31				VGR-31 OWLT IS 11H 43M 10S					1L
2912	190 01:10:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9098 (D/L ONLY)					1DP
2913	190 01:10:11	31			AC7SSB	(3 +005) SS BIAS CONTROL - PITCH	AACS		27475:07:003F	02-189/13:27:00	1ECa
2914	190 02:43:47	31				B- UVSLEW			27477:04:001F	02-189/15:00:35	1TB
2915	190 02:43:47	31				SLEW TO HELIO-1B			27477:04:001F	02-189/15:00:35	1T
2916	190 02:43:47	31				B- PLATPOB			27477:04:001F	02-189/15:00:35	1TB
2917	190 02:43:47	31			AC7SPK	(1 12 2 132 172) EL SLEW R=LOW	AACS		27477:04:003F	02-189/15:00:36	1ECa

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2918	190 02:43:47	31			AC7SPK	(2 12 1 228 137) AZ SLEW R=LOW	AACS		27477:04:005F	02-189/15:00:36	1ECa
2919	190 02:46:54	31				B- SLEND			27477:07:718F	02-189/15:03:42	1TB
2920	190 02:46:54	31			SLEWEND	AZ=310.069 EL=85.046 CO=89.896			27477:07:718F	02-189/15:03:42	1T
2921	190 04:00:05	31	60	SET		10 DEGREE SET DSC-60					1V
2922	190 07:24:23	31	40	RISE		10 DEGREE RISE DSC-40					1V
2923	190 08:35:00	31	15	LO	OPCH ACE	LOS DSS-15 PASS-9098					1DP
2924	190 09:30:00	31	34	AO	OPCH ACE	AOS DSS-34 PASS-9098 (D/L ONLY)					1DP
2925	190 11:25:54	31	10	SET		10 DEGREE SET DSC-10					1V
2926	190 12:00:00	31				VGR-31 OWLT IS 11H 43M 15S					1L
2927	190 12:44:27	31			ACE OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2928	190 12:44:27	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
2929	190 12:45:15	31			ACE OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2930	190 12:45:15	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
2931	190 12:47:51	31				BEGIN PWSREC.31			27489:39:001F	02-190/01:04:35	1T
2932	190 12:47:51	31			SC32AJ	(10) PLS CONFIG CMD	FDS		27489:39:009F	02-190/01:04:36	1ECf
2933	190 12:48:39	31				B- DRGS4B			27489:40:001F	02-190/01:05:23	1TB
2934	190 12:48:39	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		27489:40:009F	02-190/01:05:24	1ECf

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2935	190 12:49:23	31				BEGIN RECORDING PWS DATA			27489:40:734F	02-190/01:06:07	1T
2936	190 12:49:23	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		27489:40:735F	02-190/01:06:08	1ECd
2937	190 12:49:23	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:4 TIC:2044	DTR		27489:40:735F	02-190/01:06:08	1ESd
2938	190 12:49:27	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	27489:41:001F	02-190/01:06:11	1ESf
2939	190 12:49:27	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		27489:41:002F	02-190/01:06:11	1ECs
2940	190 12:49:28	31				B- DRCRUS			27489:41:018F	02-190/01:06:12	1TB
2941	190 12:49:28	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		27489:41:026F	02-190/01:06:13	1ECf
2942	190 12:50:15	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	27489:42:001F	02-190/01:06:59	1ESf
2943	190 12:50:15	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		27489:42:002F	02-190/01:06:59	1ECs
2944	190 12:50:15	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		27489:42:002F	02-190/01:07:00	1ECd

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2945	190 12:50:15	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:1752	DTR		27489:42:002F	02-190/01:07:00	1ESd
2946	190 12:51:03	31			SC32AJ	(11) PLS CONFIG CMD	FDS		27489:43:009F	02-190/01:07:48	1ECf
2947	190 12:51:04	31				END PWSREC.31			27489:43:018F	02-190/01:07:48	1T
2948	190 14:10:00	31	34 LO	OPCH ACE		LOS DSS-34 PASS-9098					1DP
2949	190 16:18:51	31	60RISE			10 DEGREE RISE DSC-60					1V
2950	190 16:28:10	31	40 SET			10 DEGREE SET DSC-40					1V
2951	190 18:05:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9098 (D/L ONLY)					1DP
2952	190 23:51:47	31	10RISE			10 DEGREE RISE DSC-10					1V
2953	191 00:00:00	31				VGR-31 OWLT IS 11H 43M 19S					1L
2954	191 00:30:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9098 (D/L ONLY)					1DP
2955	191 00:45:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9098					1DP
2956	191 03:40:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-9099 (D/L ONLY)					1DP
2957	191 03:56:07	31	60 SET			10 DEGREE SET DSC-60					1V
2958	191 04:00:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9098					1DP
2959	191 07:20:24	31	40RISE			10 DEGREE RISE DSC-40					1V
2960	191 11:05:00	31	43 AO	OPCH ACE		AOS DSS-43 PASS-9099 (U/L PASS)					1DP
2961	191 11:21:56	31	10 SET			10 DEGREE SET DSC-10					1V
2962	191 11:25:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-9099					1DP
2963	191 12:00:00	31				VGR-31 OWLT IS 11H 43M 24S					1L
2964	191 15:15:00	31	43 LO	OPCH ACE		LOS DSS-43 PASS-9099					1DP
2965	191 16:14:54	31	60RISE			10 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2966	191 16:24:12	31	40	SET		10 DEGREE SET DSC-40					1V
2967	191 22:45:00	31	65	AO	OPCH ACE	AOS DSS-65 PASS-9099 (D/L ONLY)					1DP
2968	191 23:47:49	31	10	RISE		10 DEGREE RISE DSC-10					1V
2969	192 00:00:00	31				VGR-31 OWLT IS 11H 43M 28S					1L
2970	192 00:50:00	31	15	AO	OPCH ACE	AOS DSS-15 PASS-9100 (D/L ONLY)					1DP
2971	192 01:10:00	31	65	LO	OPCH ACE	LOS DSS-65 PASS-9099					1DP
2972	192 02:53:41	31			AC7SSB	(4 +139) SS BIAS CONTROL --- YAW	AACS		27537:16:002F	02-191/15:10:12	1ECa
2973	192 03:35:00	31	14	AO	OPCH ACE	AOS DSS-14 PASS-9100 (D/L ONLY)					1DP
2974	192 03:52:08	31	60	SET		10 DEGREE SET DSC-60					1V
2975	192 03:55:00	31	15	LO	OPCH ACE	LOS DSS-15 PASS-9100					1DP
2976	192 07:16:26	31	40	RISE		10 DEGREE RISE DSC-40					1V
2977	192 08:10:00	31	14		OPCH 14	== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==					1TD
2978	192 08:10:00	31	14		OPCH 14	== TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL)					1TD
2979	192 08:11:00	31	14		OPCH 14	== TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN					1TD
2980	192 08:12:00	31	14		OPCH 14	== TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) ==					1TD

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2981	192 08:37:00	31	14	OPCH 14		== END TLC TEST UP-LINK == == TURN TRANSMITTER OFF == TUNE TO TSF @ 48 HZ/SEC (S-BAND)					1TD
2982	192 08:50:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-9100					1DP
2983	192 11:17:57	31	10 SET			10 DEGREE SET DSC-10					1V
2984	192 11:45:00	31	45 AO	OPCH ACE		AOS DSS-45 PASS-9100 (D/L ONLY)					1DP
2985	192 12:00:00	31				VGR-31 OWLT IS 11H 43M 33S					1L
2986	192 15:25:00	31	45 LO	OPCH ACE		LOS DSS-45 PASS-9100					1DP
2987	192 16:10:56	31	60RISE			10 DEGREE RISE DSC-60					1V
2988	192 16:20:15	31	40 SET			10 DEGREE SET DSC-40					1V
2989	192 23:43:52	31	10RISE			10 DEGREE RISE DSC-10					1V
2990	192 23:45:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9100 (U/L PASS) PERFORM RFSTLC PER TELECOM MESSAGE					1DP
2991	193 00:00:00	31				VGR-31 OWLT IS 11H 43M 37S					1L
2992	193 03:35:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9101 (D/L ONLY)					1DP
2993	193 03:48:09	31	60 SET			10 DEGREE SET DSC-60					1V
2994	193 03:55:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9100					1DP
2995	193 07:12:27	31	40RISE			10 DEGREE RISE DSC-40					1V
2996	193 07:34:16	31				B- RFSTLC			27573:06:401F	02-192/19:50:35	1TB
2997	193 08:04:17	31	15	OPCH 15		== START TLC TEST DOWN-LINK ==					1TD
2998	193 09:05:17	31	15	OPCH 15		== END TLC TEST DOWN-LINK ==					1TD

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2999	193 10:10:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9101					1DP
3000	193 11:13:59	31	10 SET			10 DEGREE SET DSC-10					1V
3001	193 12:00:00	31				VGR-31 OWLT IS 11H 43M 42S					1L
3002	193 15:47:31	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		27583:23:002F	02-193/04:03:48	1ECd
3003	193 15:47:31	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1745	DTR		27583:23:002F	02-193/04:03:48	1ESd
3004	193 16:06:59	31	60RISE			10 DEGREE RISE DSC-60					1V
3005	193 16:16:17	31	40 SET			10 DEGREE SET DSC-40					1V
3006	193 16:29:29	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		27584:15:360F	02-193/04:45:45	1ECd
3007	193 16:29:29	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2652	DTR		27584:15:360F	02-193/04:45:45	1ESd
3008	193 17:20:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9101 (D/L ONLY)					1DP
3009	193 18:44:57	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
3010	193 18:44:57	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
3011	193 18:45:45	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
3012	193 18:45:45	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
3013	193 18:47:33	31			CC16C	(7026) DTR STATE SELECT: READY	DTR		27587:08:002F	02-193/07:03:48	1ECd

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT 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	193 18:47:33	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:2652	DTR		27587:08:002F	02-193/07:03:48	1ESd
3015	193 18:48:21	31				AHELII PWSREC 04			27587:09:001F	02-193/07:04:35	1T
3016	193 18:48:21	31				B- PWSREC.31			27587:09:001F	02-193/07:04:35	1TB
3017	193 18:48:21	31				BEGIN PWSREC.31			27587:09:001F	02-193/07:04:35	1T
3018	193 18:48:21	31			SC32AJ	(10) PLS CONFIG CMD	FDS		27587:09:009F	02-193/07:04:36	1ECf
3019	193 18:49:09	31				B- DRGS4B			27587:10:001F	02-193/07:05:23	1TB
3020	193 18:49:09	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		27587:10:009F	02-193/07:05:24	1ECf
3021	193 18:49:53	31				BEGIN RECORDING PWS DATA			27587:10:734F	02-193/07:06:07	1T
3022	193 18:49:53	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		27587:10:735F	02-193/07:06:08	1ECd
3023	193 18:49:53	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:2652	DTR		27587:10:735F	02-193/07:06:08	1ESd
3024	193 18:49:57	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	27587:11:001F	02-193/07:06:11	1ESf
3025	193 18:49:57	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		27587:11:002F	02-193/07:06:11	1ECs
3026	193 18:49:58	31				B- DRCRUS			27587:11:018F	02-193/07:06:12	1TB

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3027	193 18:49:58	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		27587:11:026F	02-193/07:06:13	1ECf
3028	193 18:50:45	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	27587:12:001F	02-193/07:06:59	1ESf
3029	193 18:50:45	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		27587:12:002F	02-193/07:06:59	1ECs
3030	193 18:50:45	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		27587:12:002F	02-193/07:07:00	1ECd
3031	193 18:50:45	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:2359	DTR		27587:12:002F	02-193/07:07:00	1ESd
3032	193 18:51:33	31			SC32AJ	(11) PLS CONFIG CMD	FDS		27587:13:009F	02-193/07:07:48	1ECf
3033	193 18:51:34	31				END PWSREC.31			27587:13:018F	02-193/07:07:48	1T
3034	193 20:57:09	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		27589:50:002F	02-193/09:13:24	1ECd
3035	193 20:57:09	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2353	DTR		27589:50:002F	02-193/09:13:24	1ESd
3036	193 21:25:16	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		27590:25:106F	02-193/09:41:30	1ECd
3037	193 21:25:16	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1745	DTR		27590:25:106F	02-193/09:41:30	1ESd
3038	193 23:39:54	31	10RISE			10 DEGREE RISE DSC-10					1V

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3039	193 23:57:11	31			CC16C	(7024) DTR STATE SELECT: READY	DTR		27593:35:002F	02-193/12:13:24	1ECd
3040	193 23:57:11	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:1745	DTR	27593:35:002F	02-193/12:13:24	1ESd	
3041	194 00:00:00	31				VGR-31 OWLT IS 11H 43M 47S					1L
3042	194 02:40:00	31	25	AO	OPCH ACE	AOS DSS-25 PASS-9102 (D/L ONLY)					1DP
3043	194 03:00:00	31	65	LO	OPCH ACE	LOS DSS-65 PASS-9101					1DP
3044	194 03:44:11	31	60	SET		10 DEGREE SET DSC-60					1V
3045	194 07:08:29	31	40	RISE		10 DEGREE RISE DSC-40					1V
3046	194 08:15:00	31	25	LO	OPCH ACE	LOS DSS-25 PASS-9102					1DP
3047	194 10:15:39	31			AC7SSB	(3 +006) SS BIAS CONTROL - PITCH	AACS	27606:28:003F	02-193/22:31:48		1ECa
3048	194 11:10:00	31	10	SET		10 DEGREE SET DSC-10					1V
3049	194 12:00:00	31				VGR-31 OWLT IS 11H 43M 51S					1L
3050	194 16:03:01	31	60	RISE		10 DEGREE RISE DSC-60					1V
3051	194 16:12:20	31	40	SET		10 DEGREE SET DSC-40					1V
3052	194 17:15:00	31	65	AO	OPCH ACE	AOS DSS-65 PASS-9102 (D/L ONLY)					1DP
3053	194 22:25:00	31	65	LO	OPCH ACE	LOS DSS-65 PASS-9102					1DP
3054	194 23:35:57	31	10	RISE		10 DEGREE RISE DSC-10					1V
3055	195 00:00:00	31				VGR-31 OWLT IS 11H 43M 56S					1L
3056	195 00:50:00	31	15	AO	OPCH ACE	AOS DSS-15 PASS-9103 (D/L ONLY)					1DP
3057	195 03:40:12	31	60	SET		10 DEGREE SET DSC-60					1V
3058	195 07:04:30	31	40	RISE		10 DEGREE RISE DSC-40					1V
3059	195 10:05:00	31	15	LO	OPCH ACE	LOS DSS-15 PASS-9103					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
3060	195 11:06:02	31	10 SET			10 DEGREE SET DSC-10					1V
3061	195 12:00:00	31				VGR-31 OWLT IS 11H 44M 01S					1L
3062	195 15:59:04	31	60RISE			10 DEGREE RISE DSC-60					1V
3063	195 16:08:23	31	40 SET			10 DEGREE SET DSC-40					1V
3064	195 17:10:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9103 (D/L ONLY)					1DP
3065	195 23:31:59	31	10RISE			10 DEGREE RISE DSC-10					1V
3066	196 00:00:00	31				VGR-31 OWLT IS 11H 44M 05S					1L
3067	196 02:35:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9104 (D/L ONLY)					1DP
3068	196 02:55:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9103					1DP
3069	196 03:36:14	31	60 SET			10 DEGREE SET DSC-60					1V
3070	196 07:00:32	31	40RISE			10 DEGREE RISE DSC-40					1V
3071	196 10:05:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9104					1DP
3072	196 11:02:03	31	10 SET			10 DEGREE SET DSC-10					1V
3073	196 12:00:00	31				VGR-31 OWLT IS 11H 44M 10S					1L
3074	196 15:55:07	31	60RISE			10 DEGREE RISE DSC-60					1V
3075	196 16:04:25	31	40 SET			10 DEGREE SET DSC-40					1V
3076	196 17:00:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9104 (D/L ONLY)					1DP
3077	196 20:10:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9104 (D/L ONLY)					1DP
3078	196 20:30:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9104					1DP
3079	196 20:53:37	31				FINAL SPACECRAFT STATUS			27679:44:785F	02-196/09:09:23	1TI
3080	196 20:53:37	31				RADIO STATUS			27679:44:785F	02-196/09:09:23	1TI
3081	196 20:53:37	31			DC2AR	S-BAND RANGING OFF			27679:44:785F	02-196/09:09:23	1TI
3082	196 20:53:37	31			DC2DR	S-BAND LO PWR			27679:44:785F	02-196/09:09:23	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
3083	196 20:53:37	31			DC2HR	X-BAND LO PWR			27679:44:785F	02-196/09:09:23	1TI
3084	196 20:53:37	31			DC2N	X-BAND RANGING ON			27679:44:785F	02-196/09:09:23	1TI
3085	196 20:53:37	31			DC2P	2 WAY NON-COHERENT ON			27679:44:785F	02-196/09:09:23	1TI
3086	196 20:53:37	31			DC2QR	USO OFF			27679:44:785F	02-196/09:09:23	1TI
3087	196 20:53:37	31			CC2BRP	S-BAND EXC-2 SEL			27679:44:785F	02-196/09:09:23	1TI
3088	196 20:53:37	31			CC2CRP	S-BAND TRANS-2 SEL			27679:44:785F	02-196/09:09:23	1TI
3089	196 20:53:37	31			CC2FP	RCVR-1 SEL			27679:44:785F	02-196/09:09:23	1TI
3090	196 20:53:37	31			CC2JP	X-BAND EXC-1 SEL			27679:44:785F	02-196/09:09:23	1TI
3091	196 20:53:37	31			CC2GP	X-BAND ON			27679:44:785F	02-196/09:09:23	1TI
3092	196 20:53:37	31			CC2KRP	S-BAND OFF			27679:44:785F	02-196/09:09:23	1TI
3093	196 20:53:37	31			CC2LP	X-BAND TWTA-1 SEL			27679:44:785F	02-196/09:09:23	1TI
3094	196 20:53:37	31			CC2MP	S-BAND EXC ON			27679:44:785F	02-196/09:09:23	1TI
3095	196 20:53:37	31			DC2E	HGA SELECT			27679:44:785F	02-196/09:09:23	1TI
3096	196 20:53:37	31			CC1T	BAY 1 HTR ON			27679:44:785F	02-196/09:09:23	1TI
3097	196 20:53:37	31				MDS STATUS			27679:44:785F	02-196/09:09:23	1TI
3098	196 20:53:37	31			CC3BP	TMU ON			27679:44:785F	02-196/09:09:23	1TI
3099	196 20:53:37	31			CC3GP	TMU-A SEL			27679:44:785F	02-196/09:09:23	1TI
3100	196 20:53:37	31			CC3HP	CDU-A SEL			27679:44:785F	02-196/09:09:23	1TI
3101	196 20:53:37	31			CC3A	32310 X-BAND			27679:44:785F	02-196/09:09:23	1TI
3102	196 20:53:37	31			CC3A	28301 S-BAND			27679:44:785F	02-196/09:09:23	1TI
3103	196 20:53:37	31				POWER STATUS			27679:44:785F	02-196/09:09:23	1TI
3104	196 20:53:37	31			CC4A	UNDERVOLTAGE TRIP RESET			27679:44:785F	02-196/09:09:23	1TI
3105	196 20:53:37	31			CC4K	RTG-1 DIODE BYPASS ON			27679:44:785F	02-196/09:09:23	1TI

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3106	196 20:53:37	31			CC4L	RTG-2 DIODE BYPASS ON			27679:44:785F	02-196/09:09:23	1TI
3107	196 20:53:37	31			CC4M	RTG-3 DIODE BYPASS ON			27679:44:785F	02-196/09:09:23	1TI
3108	196 20:53:37	31				CCS STATUS			27679:44:785F	02-196/09:09:23	1TI
3109	196 20:53:37	31			DC5AR	CCS TOL DET ENABLE			27679:44:785F	02-196/09:09:23	1TI
3110	196 20:53:37	31				FDS STATUS			27679:44:785F	02-196/09:09:23	1TI
3111	196 20:53:37	31			CC6CP	FDS ON/ISS PWR ENABLE			27679:44:785F	02-196/09:09:23	1TI
3112	196 20:53:37	31			CC6AA	1 SVC-W1			27679:44:785F	02-196/09:09:23	1TI
3113	196 20:53:37	31			CC6AD	3200 SVC-W4			27679:44:785F	02-196/09:09:23	1TI
3114	196 20:53:37	31			CC6AE	30011 SVC-W5			27679:44:785F	02-196/09:09:23	1TI
3115	196 20:53:37	31			CC6AP	FDS PWR CONV A SEL			27679:44:785F	02-196/09:09:23	1TI
3116	196 20:53:37	31			CC6AB	01010 SVC-W2			27679:44:785F	02-196/09:09:23	1TI
3117	196 20:53:37	31			SC06BB	530070 FDS DATA MODE			27679:44:785F	02-196/09:09:23	1TI
3118	196 20:53:37	31				AACS STATUS			27679:44:785F	02-196/09:09:23	1TI
3119	196 20:53:37	31			AC7PCG	14 HYBIC 2 PWR ON			27679:44:785F	02-196/09:09:23	1TI
3120	196 20:53:37	31			CC7ML	05 CST ON			27679:44:785F	02-196/09:09:23	1TI
3121	196 20:53:37	31			AC7CTG	10 394 CST HI GATE			27679:44:785F	02-196/09:09:23	1TI
3122	196 20:53:37	31			AC7CTG	11 442 CST LO GATE			27679:44:785F	02-196/09:09:23	1TI
3123	196 20:53:37	31			AC7GYP	111 GYRO PATTERN			27679:44:785F	02-196/09:09:23	1TI
3124	196 20:53:37	31			AC7PCG	52 GYRO A OFF			27679:44:785F	02-196/09:09:23	1TI
3125	196 20:53:37	31			AC7PCG	62 GYRO B OFF			27679:44:785F	02-196/09:09:23	1TI
3126	196 20:53:37	31			AC7PCG	72 GYRO C OFF			27679:44:785F	02-196/09:09:23	1TI
3127	196 20:53:37	31			AC7PAR	7530 000000 GYRO OFF NORM			27679:44:785F	02-196/09:09:23	1TI
3128	196 20:53:37	31			AC7PAR	6740 000740 PITCH DEADBAND			27679:44:785F	02-196/09:09:23	1TI

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3129	196 20:53:37	31			AC7PAR	6741 001700 YAW DEADBAND			27679:44:785F	02-196/09:09:23	1TI
3130	196 20:53:37	31			AC7PAR	6742 004540 ROLL DEADBAND			27679:44:785F	02-196/09:09:23	1TI
3131	196 20:53:37	31			DEADBAND	DEAD BAND STATE: 05 10 25			27679:44:785F	02-196/09:09:23	1TI
3132	196 20:53:37	31			CC7SS	1 AACS TO RAI			27679:44:785F	02-196/09:09:23	1TI
3133	196 20:53:37	31			CC7CT	01 CST CONE ANGLE 1			27679:44:785F	02-196/09:09:23	1TI
3134	196 20:53:37	31			AC7DDB	000480 DEAD BAND CONTROL			27679:44:785F	02-196/09:09:23	1TI
3135	196 20:53:37	31			CC7AHRP	SS HTR A OFF			27679:44:785F	02-196/09:09:23	1TI
3136	196 20:53:37	31			CC7BHP	SS HTR B ON			27679:44:785F	02-196/09:09:23	1TI
3137	196 20:53:37	31			CC7ML	01 FDS CHAN A			27679:44:785F	02-196/09:09:23	1TI
3138	196 20:53:37	31			CC7ML	09 TCAPU FAULT ENA			27679:44:785F	02-196/09:09:23	1TI
3139	196 20:53:37	31			AC7PCG	61 AACS BAY 6 HTR A OFF			27679:44:785F	02-196/09:09:23	1TI
3140	196 20:53:37	31			AC7PCG	71 AACS BAY 6 HTR B OFF			27679:44:785F	02-196/09:09:23	1TI
3141	196 20:53:37	31			CC7MMRP	PROC/MEM 2 SELECT			27679:44:785F	02-196/09:09:23	1TI
3142	196 20:53:37	31			CC7SHP	AZ SCAN ACTUATOR HTR ON			27679:44:785F	02-196/09:09:23	1TI
3143	196 20:53:37	31			AC7PCG	22 CST SUN SHUTTER OFF			27679:44:785F	02-196/09:09:23	1TI
3144	196 20:53:37	31			AC7PCG	10 ISO VALVE BRANCH 1 OFF			27679:44:785F	02-196/09:09:23	1TI
3145	196 20:53:37	31			AC7PCG	20 ISO VALVE BRANCH 2 OFF			27679:44:785F	02-196/09:09:23	1TI
3146	196 20:53:37	31			CC1PHRP	SCAN PLAT SUPL HTR OFF			27679:44:785F	02-196/09:09:23	1TI
3147	196 20:53:37	31			CC77MRP	MAM OFF			27679:44:785F	02-196/09:09:23	1TI
3148	196 20:53:37	31			DC77PR	NON-PRIME FCP/MEM OFF			27679:44:785F	02-196/09:09:23	1TI
3149	196 20:53:37	31			DC77XR	MAM COMMAND DISABLE			27679:44:785F	02-196/09:09:23	1TI
3150	196 20:53:37	31				PYRO STATUS			27679:44:785F	02-196/09:09:23	1TI
3151	196 20:53:37	31			CC8D	PSU INSTRUMENTATION ON			27679:44:785F	02-196/09:09:23	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
3152	196 20:53:37	31			DC8XR	PYRO DISABLE			27679:44:785F	02-196/09:09:23	1TI
3153	196 20:53:37	31				PROPULSION STATUS			27679:44:785F	02-196/09:09:23	1TI
3154	196 20:53:37	31			CC10CRP	TCM HTR OFF			27679:44:785F	02-196/09:09:23	1TI
3155	196 20:53:37	31			CC10DR	AP BR1 HTR OFF			27679:44:785F	02-196/09:09:23	1TI
3156	196 20:53:37	31			CC10ER	AP BR2 HTR OFF			27679:44:785F	02-196/09:09:23	1TI
3157	196 20:53:37	31			CC10TRP	TCM LINE HTRS OFF			27679:44:785F	02-196/09:09:23	1TI
3158	196 20:53:37	31				DSS STATUS			27679:44:785F	02-196/09:09:23	1TI
3159	196 20:53:37	31			CC16BR	DSS 10 W REPL HTR OFF			27679:44:785F	02-196/09:09:23	1TI
3160	196 20:53:37	31			CC16AP	DSS ON			27679:44:785F	02-196/09:09:23	1TI
3161	196 20:53:37	31			CC1DR	BAY 2 19 W HTR OFF			27679:44:785F	02-196/09:09:23	1TI
3162	196 20:53:37	31			CC16C	7224 DSS CONTROL			27679:44:785F	02-196/09:09:23	1TI
3163	196 20:53:37	31				SCIENCE PWR STATUS			27679:44:785F	02-196/09:09:23	1TI
3164	196 20:53:37	31			CC1CR	MAG COIL OFF			27679:44:785F	02-196/09:09:23	1TI
3165	196 20:53:37	31			CC21A	CRS ON			27679:44:785F	02-196/09:09:23	1TI
3166	196 20:53:37	31			CC21B	CRS REPL HTR ON			27679:44:785F	02-196/09:09:23	1TI
3167	196 20:53:37	31			CC21CR	CRS SUPP HTR OFF			27679:44:785F	02-196/09:09:23	1TI
3168	196 20:53:37	31			CC22A	PRA ON			27679:44:785F	02-196/09:09:23	1TI
3169	196 20:53:37	31			CC23A	PWS ON			27679:44:785F	02-196/09:09:23	1TI
3170	196 20:53:37	31			CC25A	LECP ON			27679:44:785F	02-196/09:09:23	1TI
3171	196 20:53:37	31			CC25B	LECP STEPPER MOTOR ON			27679:44:785F	02-196/09:09:23	1TI
3172	196 20:53:37	31			CC25CR	LECP REPL HTR OFF			27679:44:785F	02-196/09:09:23	1TI
3173	196 20:53:37	31			CC25D	LECP MAIN SUPP HTR ON			27679:44:785F	02-196/09:09:23	1TI
3174	196 20:53:37	31			CC25E	LECP LEPT SUPP HTR ON			27679:44:785F	02-196/09:09:23	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
3175	196 20:53:37	31			CC27BR	PPS SUPP HTR OFF			27679:44:785F	02-196/09:09:23	1TI
3176	196 20:53:37	31			CC32A	PLS ON			27679:44:785F	02-196/09:09:23	1TI
3177	196 20:53:37	31			CC32BR	PLS SUPP HTR OFF			27679:44:785F	02-196/09:09:23	1TI
3178	196 20:53:37	31			CC32C	PLS REPL HTR ON			27679:44:785F	02-196/09:09:23	1TI
3179	196 20:53:37	31			CC34A	UVS ON			27679:44:785F	02-196/09:09:23	1TI
3180	196 20:53:37	31			CC34B	UVS REPL HTR ON			27679:44:785F	02-196/09:09:23	1TI
3181	196 20:53:37	31			CC35AR	MAG OFF			27679:44:785F	02-196/09:09:23	1TI
3182	196 20:53:37	31			CC35B	MAG STANDBY ON			27679:44:785F	02-196/09:09:23	1TI
3183	196 20:53:37	31			CC35GR	MAG SENSOR HTR OFF			27679:44:785F	02-196/09:09:23	1TI
3184	196 20:53:37	31			CC36GR	ISS WA VID REPL HTR OFF			27679:44:785F	02-196/09:09:23	1TI
3185	196 20:53:37	31			CC36H	ISS WA ELEC REPL HTR ON			27679:44:785F	02-196/09:09:23	1TI
3186	196 20:53:37	31			CC36CRP	ISS NA OPTICS HTR OFF			27679:44:785F	02-196/09:09:23	1TI
3187	196 20:53:37	31			CC36FRP	ISS NA VID REPL HTR OFF			27679:44:785F	02-196/09:09:23	1TI
3188	196 20:53:37	31			CC36JP	ISS NA ELEC REPL HTR ON			27679:44:785F	02-196/09:09:23	1TI
3189	196 20:53:37	31			CC39D	IRIS REPL HTR ON			27679:44:785F	02-196/09:09:23	1TI
3190	196 20:53:37	31			CC39FR	IRIS STANDBY A SUPPLY OFF			27679:44:785F	02-196/09:09:23	1TI
3191	196 20:53:37	31			CC39BR	IRIS STANDBY B SUPPLY OFF			27679:44:785F	02-196/09:09:23	1TI
3192	196 20:53:37	31				SCIENCE INSTRUMENT STATUS			27679:44:785F	02-196/09:09:23	1TI
3193	196 20:53:37	31			SC21AF	01000 CRS CMD WORD			27679:44:785F	02-196/09:09:23	1TI
3194	196 20:53:37	31			SC21AF	02000 CRS CMD WORD			27679:44:785F	02-196/09:09:23	1TI
3195	196 20:53:37	31			SC21AF	03000 CRS CMD WORD			27679:44:785F	02-196/09:09:23	1TI
3196	196 20:53:37	31			SC21AF	04000 CRS CMD WORD			27679:44:785F	02-196/09:09:23	1TI
3197	196 20:53:37	31			SC21AF	05200 CRS CMD WORD			27679:44:785F	02-196/09:09:23	1TI

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3198	196 20:53:37	31			SC21AF	06000 CRS CMD WORD			27679:44:785F	02-196/09:09:23	1TI
3199	196 20:53:37	31			SC21AF	07200 CRS CMD WORD			27679:44:785F	02-196/09:09:23	1TI
3200	196 20:53:37	31			SC21AF	08200 CRS CMD WORD			27679:44:785F	02-196/09:09:23	1TI
3201	196 20:53:37	31			SC21AF	10000 CRS CMD WORD			27679:44:785F	02-196/09:09:23	1TI
3202	196 20:53:37	31			SC21AF	11000 CRS CMD WORD			27679:44:785F	02-196/09:09:23	1TI
3203	196 20:53:37	31			SC21AF	12000 CRS CMD WORD			27679:44:785F	02-196/09:09:23	1TI
3204	196 20:53:37	31			SC21AF	13012 CRS CMD WORD			27679:44:785F	02-196/09:09:23	1TI
3205	196 20:53:37	31			SC21AG	CRS HV FLAG			27679:44:785F	02-196/09:09:23	1TI
3206	196 20:53:37	31			SC21AH	CRS CAL-ST FLAG			27679:44:785F	02-196/09:09:23	1TI
3207	196 20:53:37	31			SC22AF	1347 PRA CONFIGURATION CMD			27679:44:785F	02-196/09:09:23	1TI
3208	196 20:53:37	31			SC22NU	0000 PRA MODE SELECT			27679:44:785F	02-196/09:09:23	1TI
3209	196 20:53:37	31			SC23AD	5 PWS CMD WORD			27679:44:785F	02-196/09:09:23	1TI
3210	196 20:53:37	31			SC25AH	1777 LECP CMD WORD			27679:44:785F	02-196/09:09:23	1TI
3211	196 20:53:37	31			SC25AH	2417 LECP CMD WORD			27679:44:785F	02-196/09:09:23	1TI
3212	196 20:53:37	31			SC25AH	5600 LECP CMD WORD			27679:44:785F	02-196/09:09:23	1TI
3213	196 20:53:37	31			SC25AH	6032 LECP CMD WORD			27679:44:785F	02-196/09:09:23	1TI
3214	196 20:53:37	31			SC25AJ	1 LECP MOTOR STEP CMD			27679:44:785F	02-196/09:09:23	1TI
3215	196 20:53:37	31			SC25AN	0 LECP NEAR/FAR ENC			27679:44:785F	02-196/09:09:23	1TI
3216	196 20:53:37	31			SC25AQ	5200 LECP SAFE CMD			27679:44:785F	02-196/09:09:23	1TI
3217	196 20:53:37	31			SC32AF	2 PLS E1 INT/AMP GAIN			27679:44:785F	02-196/09:09:23	1TI
3218	196 20:53:37	31			SC32AG	2 PLS E2 INT/AMP GAIN			27679:44:785F	02-196/09:09:23	1TI
3219	196 20:53:37	31			SC32AH	3 PLS M INT/AMP GAIN			27679:44:785F	02-196/09:09:23	1TI
3220	196 20:53:37	31			SC32AJ	11 PLS CONFIG CMD			27679:44:785F	02-196/09:09:23	1TI

FINAL SEQUENCE FOR JST A043 (TOL/A043F - EVTSDR/A043EA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3221	196 20:53:37	31			SC32AK	2 PLS L INT/AMP GAIN			27679:44:785F	02-196/09:09:23	1TI
3222	196 20:53:37	31			SC32AL	216 PLS M START WORD 1			27679:44:785F	02-196/09:09:23	1TI
3223	196 20:53:37	31			SC32AM	216 PLS M START WORD 2			27679:44:785F	02-196/09:09:23	1TI
3224	196 20:53:37	31			SC32AN	2 PLS M MODE			27679:44:785F	02-196/09:09:23	1TI
3225	196 20:53:37	31			SC32AP	3 PLS E1 SHRT			27679:44:785F	02-196/09:09:23	1TI
3226	196 20:53:37	31			SC32AQ	3 PLS E2 SHRT			27679:44:785F	02-196/09:09:23	1TI
3227	196 20:53:37	31			SC32AR	3 PLS L SHORT			27679:44:785F	02-196/09:09:23	1TI
3228	196 20:53:37	31			SC32AS	2 PLS E1 LONG			27679:44:785F	02-196/09:09:23	1TI
3229	196 20:53:37	31			SC32AT	2 PLS E2 LONG			27679:44:785F	02-196/09:09:23	1TI
3230	196 20:53:37	31			SC32AU	2 PLS L LONG			27679:44:785F	02-196/09:09:23	1TI
3231	196 20:53:37	31			SC34AE	13 UVS MODE/HV LEVEL			27679:44:785F	02-196/09:09:23	1TI
3232	196 20:53:37	31			SC34AF	0 UVS READ OUT FLAG			27679:44:785F	02-196/09:09:23	1TI
3233	196 20:53:37	31			SC35AI	030001 MAG HFM/EL FLIP/IFC/LFM			27679:44:785F	02-196/09:09:23	1TI
3234	196 20:53:37	31			SC35AO	030001 MAG HFM/PRIME/IFC/LFM RAN			27679:44:785F	02-196/09:09:23	1TI