

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT 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	196 20:53:37	31				INITIAL SPACECRAFT STATUS			27679:44:785F	02-196/09:09:23	1TI
2	196 20:53:37	31				RADIO STATUS			27679:44:785F	02-196/09:09:23	1TI
3	196 20:53:37	31			DC2AR	S-BAND RANGING OFF			27679:44:785F	02-196/09:09:23	1TI
4	196 20:53:37	31			DC2DR	S-BAND LO PWR			27679:44:785F	02-196/09:09:23	1TI
5	196 20:53:37	31			DC2HR	X-BAND LO PWR			27679:44:785F	02-196/09:09:23	1TI
6	196 20:53:37	31			DC2N	X-BAND RANGING ON			27679:44:785F	02-196/09:09:23	1TI
7	196 20:53:37	31			DC2P	2 WAY NON-COHERENT ON			27679:44:785F	02-196/09:09:23	1TI
8	196 20:53:37	31			DC2QR	USO OFF			27679:44:785F	02-196/09:09:23	1TI
9	196 20:53:37	31			CC2BRP	S-BAND EXC-2 SEL			27679:44:785F	02-196/09:09:23	1TI
10	196 20:53:37	31			CC2CRP	S-BAND TRANS-2 SEL			27679:44:785F	02-196/09:09:23	1TI
11	196 20:53:37	31			CC2FP	RCVR-1 SEL			27679:44:785F	02-196/09:09:23	1TI
12	196 20:53:37	31			CC2JP	X-BAND EXC-1 SEL			27679:44:785F	02-196/09:09:23	1TI
13	196 20:53:37	31			CC2GP	X-BAND ON			27679:44:785F	02-196/09:09:23	1TI
14	196 20:53:37	31			CC2KRP	S-BAND OFF			27679:44:785F	02-196/09:09:23	1TI
15	196 20:53:37	31			CC2LP	X-BAND TWTA-1 SEL			27679:44:785F	02-196/09:09:23	1TI
16	196 20:53:37	31			CC2MP	S-BAND EXC ON			27679:44:785F	02-196/09:09:23	1TI
17	196 20:53:37	31			DC2E	HGA SELECT			27679:44:785F	02-196/09:09:23	1TI
18	196 20:53:37	31			CC1T	BAY 1 HTR ON			27679:44:785F	02-196/09:09:23	1TI
19	196 20:53:37	31				MDS STATUS			27679:44:785F	02-196/09:09:23	1TI
20	196 20:53:37	31			CC3BP	TMU ON			27679:44:785F	02-196/09:09:23	1TI
21	196 20:53:37	31			CC3GP	TMU-A SEL			27679:44:785F	02-196/09:09:23	1TI
22	196 20:53:37	31			CC3HP	CDU-A SEL			27679:44:785F	02-196/09:09:23	1TI
23	196 20:53:37	31			CC3A	32310 X-BAND			27679:44:785F	02-196/09:09:23	1TI

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24	196 20:53:37	31			CC3A	28301 S-BAND			27679:44:785F	02-196/09:09:23	1TI
25	196 20:53:37	31				POWER STATUS			27679:44:785F	02-196/09:09:23	1TI
26	196 20:53:37	31			CC4A	UNDERVOLTAGE TRIP RESET			27679:44:785F	02-196/09:09:23	1TI
27	196 20:53:37	31			CC4K	RTG-1 DIODE BYPASS ON			27679:44:785F	02-196/09:09:23	1TI
28	196 20:53:37	31			CC4L	RTG-2 DIODE BYPASS ON			27679:44:785F	02-196/09:09:23	1TI
29	196 20:53:37	31			CC4M	RTG-3 DIODE BYPASS ON			27679:44:785F	02-196/09:09:23	1TI
30	196 20:53:37	31				CCS STATUS			27679:44:785F	02-196/09:09:23	1TI
31	196 20:53:37	31			DC5AR	CCS TOL DET ENABLE			27679:44:785F	02-196/09:09:23	1TI
32	196 20:53:37	31				FDS STATUS			27679:44:785F	02-196/09:09:23	1TI
33	196 20:53:37	31			CC6CP	FDS ON/ISS PWR ENABLE			27679:44:785F	02-196/09:09:23	1TI
34	196 20:53:37	31			CC6AA	1 SVC-W1			27679:44:785F	02-196/09:09:23	1TI
35	196 20:53:37	31			CC6AD	3200 SVC-W4			27679:44:785F	02-196/09:09:23	1TI
36	196 20:53:37	31			CC6AE	30011 SVC-W5			27679:44:785F	02-196/09:09:23	1TI
37	196 20:53:37	31			CC6AP	FDS PWR CONV A SEL			27679:44:785F	02-196/09:09:23	1TI
38	196 20:53:37	31			CC6AB	01000 SVC-W2			27679:44:785F	02-196/09:09:23	1TI
39	196 20:53:37	31			SC06BB	530070 FDS DATA MODE			27679:44:785F	02-196/09:09:23	1TI
40	196 20:53:37	31				AACS STATUS			27679:44:785F	02-196/09:09:23	1TI
41	196 20:53:37	31			AC7PCG	15 HYBIC 1 PWR ON			27679:44:785F	02-196/09:09:23	1TI
42	196 20:53:37	31			CC7ML	05 CST ON			27679:44:785F	02-196/09:09:23	1TI
43	196 20:53:37	31			AC7CTG	10 394 CST HI GATE			27679:44:785F	02-196/09:09:23	1TI
44	196 20:53:37	31			AC7CTG	11 442 CST LO GATE			27679:44:785F	02-196/09:09:23	1TI
45	196 20:53:37	31			AC7GYP	111 GYRO PATTERN			27679:44:785F	02-196/09:09:23	1TI
46	196 20:53:37	31			AC7PCG	52 GYRO A OFF			27679:44:785F	02-196/09:09:23	1TI

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47	196 20:53:37	31			AC7PCG	62 GYRO B OFF			27679:44:785F	02-196/09:09:23	1TI
48	196 20:53:37	31			AC7PCG	72 GYRO C OFF			27679:44:785F	02-196/09:09:23	1TI
49	196 20:53:37	31			AC7PAR	7530 000000 GYRO OFF NORM			27679:44:785F	02-196/09:09:23	1TI
50	196 20:53:37	31			AC7PAR	6740 000740 PITCH DEADBAND			27679:44:785F	02-196/09:09:23	1TI
51	196 20:53:37	31			AC7PAR	6741 001700 YAW DEADBAND			27679:44:785F	02-196/09:09:23	1TI
52	196 20:53:37	31			AC7PAR	6742 004540 ROLL DEADBAND			27679:44:785F	02-196/09:09:23	1TI
53	196 20:53:37	31			DEADBAND	DEAD BAND STATE: 05 10 25			27679:44:785F	02-196/09:09:23	1TI
54	196 20:53:37	31			CC7SS	1 AACS TO RAI			27679:44:785F	02-196/09:09:23	1TI
55	196 20:53:37	31			CC7CT	01 CST CONE ANGLE 1			27679:44:785F	02-196/09:09:23	1TI
56	196 20:53:37	31			AC7DDB	000480 DEAD BAND CONTROL			27679:44:785F	02-196/09:09:23	1TI
57	196 20:53:37	31			CC7AHRP	SS HTR A OFF			27679:44:785F	02-196/09:09:23	1TI
58	196 20:53:37	31			CC7BHP	SS HTR B ON			27679:44:785F	02-196/09:09:23	1TI
59	196 20:53:37	31			CC7ML	01 FDS CHAN A			27679:44:785F	02-196/09:09:23	1TI
60	196 20:53:37	31			CC7ML	09 TCAPU FAULT ENA			27679:44:785F	02-196/09:09:23	1TI
61	196 20:53:37	31			AC7PCG	61 AACS BAY 6 HTR A OFF			27679:44:785F	02-196/09:09:23	1TI
62	196 20:53:37	31			AC7PCG	71 AACS BAY 6 HTR B OFF			27679:44:785F	02-196/09:09:23	1TI
63	196 20:53:37	31			CC7MMRP	PROC/MEM 2 SELECT			27679:44:785F	02-196/09:09:23	1TI
64	196 20:53:37	31			CC7SHP	AZ SCAN ACTUATOR HTR ON			27679:44:785F	02-196/09:09:23	1TI
65	196 20:53:37	31			AC7PCG	22 CST SUN SHUTTER OFF			27679:44:785F	02-196/09:09:23	1TI
66	196 20:53:37	31			AC7PCG	10 ISO VALVE BRANCH 1 OFF			27679:44:785F	02-196/09:09:23	1TI
67	196 20:53:37	31			AC7PCG	20 ISO VALVE BRANCH 2 OFF			27679:44:785F	02-196/09:09:23	1TI
68	196 20:53:37	31			CC1PHRP	SCAN PLAT SUPL HTR OFF			27679:44:785F	02-196/09:09:23	1TI
69	196 20:53:37	31			CC77MRP	MAM OFF			27679:44:785F	02-196/09:09:23	1TI

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70	196 20:53:37	31			DC77PR	NON-PRIME FCP/MEM OFF			27679:44:785F	02-196/09:09:23	1TI
71	196 20:53:37	31			DC77XR	MAM COMMAND DISABLE			27679:44:785F	02-196/09:09:23	1TI
72	196 20:53:37	31				PYRO STATUS			27679:44:785F	02-196/09:09:23	1TI
73	196 20:53:37	31			CC8D	PSU INSTRUMENTATION ON			27679:44:785F	02-196/09:09:23	1TI
74	196 20:53:37	31			DC8XR	PYRO DISABLE			27679:44:785F	02-196/09:09:23	1TI
75	196 20:53:37	31				PROPULSION STATUS			27679:44:785F	02-196/09:09:23	1TI
76	196 20:53:37	31			CC10CRP	TCM HTR OFF			27679:44:785F	02-196/09:09:23	1TI
77	196 20:53:37	31			CC10DR	AP BR1 HTR OFF			27679:44:785F	02-196/09:09:23	1TI
78	196 20:53:37	31			CC10ER	AP BR2 HTR OFF			27679:44:785F	02-196/09:09:23	1TI
79	196 20:53:37	31			CC10TRP	TCM LINE HTRS OFF			27679:44:785F	02-196/09:09:23	1TI
80	196 20:53:37	31				DSS STATUS			27679:44:785F	02-196/09:09:23	1TI
81	196 20:53:37	31			CC16BR	DSS 10 W REPL HTR OFF			27679:44:785F	02-196/09:09:23	1TI
82	196 20:53:37	31			CC16AP	DSS ON			27679:44:785F	02-196/09:09:23	1TI
83	196 20:53:37	31			CC1DR	BAY 2 19 W HTR OFF			27679:44:785F	02-196/09:09:23	1TI
84	196 20:53:37	31			CC16C	7224 DSS CONTROL			27679:44:785F	02-196/09:09:23	1TI
85	196 20:53:37	31				SCIENCE PWR STATUS			27679:44:785F	02-196/09:09:23	1TI
86	196 20:53:37	31			CC1CR	MAG COIL OFF			27679:44:785F	02-196/09:09:23	1TI
87	196 20:53:37	31			CC21A	CRS ON			27679:44:785F	02-196/09:09:23	1TI
88	196 20:53:37	31			CC21B	CRS REPL HTR ON			27679:44:785F	02-196/09:09:23	1TI
89	196 20:53:37	31			CC21CR	CRS SUPP HTR OFF			27679:44:785F	02-196/09:09:23	1TI
90	196 20:53:37	31			CC22A	PRA ON			27679:44:785F	02-196/09:09:23	1TI
91	196 20:53:37	31			CC23A	PWS ON			27679:44:785F	02-196/09:09:23	1TI
92	196 20:53:37	31			CC25A	LECP 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
93	196 20:53:37	31			CC25B	LECP STEPPER MOTOR ON			27679:44:785F	02-196/09:09:23	1TI
94	196 20:53:37	31			CC25CR	LECP REPL HTR OFF			27679:44:785F	02-196/09:09:23	1TI
95	196 20:53:37	31			CC25D	LECP MAIN SUPP HTR ON			27679:44:785F	02-196/09:09:23	1TI
96	196 20:53:37	31			CC25E	LECP LEPT SUPP HTR ON			27679:44:785F	02-196/09:09:23	1TI
97	196 20:53:37	31			CC27BR	PPS SUPP HTR OFF			27679:44:785F	02-196/09:09:23	1TI
98	196 20:53:37	31			CC32A	PLS ON			27679:44:785F	02-196/09:09:23	1TI
99	196 20:53:37	31			CC32BR	PLS SUPP HTR OFF			27679:44:785F	02-196/09:09:23	1TI
100	196 20:53:37	31			CC32C	PLS REPL HTR ON			27679:44:785F	02-196/09:09:23	1TI
101	196 20:53:37	31			CC34A	UVS ON			27679:44:785F	02-196/09:09:23	1TI
102	196 20:53:37	31			CC34B	UVS REPL HTR ON			27679:44:785F	02-196/09:09:23	1TI
103	196 20:53:37	31			CC35AR	MAG OFF			27679:44:785F	02-196/09:09:23	1TI
104	196 20:53:37	31			CC35B	MAG STANDBY ON			27679:44:785F	02-196/09:09:23	1TI
105	196 20:53:37	31			CC35GR	MAG SENSOR HTR OFF			27679:44:785F	02-196/09:09:23	1TI
106	196 20:53:37	31			CC36GR	ISS WA VID REPL HTR OFF			27679:44:785F	02-196/09:09:23	1TI
107	196 20:53:37	31			CC36H	ISS WA ELEC REPL HTR ON			27679:44:785F	02-196/09:09:23	1TI
108	196 20:53:37	31			CC36CRP	ISS NA OPTICS HTR OFF			27679:44:785F	02-196/09:09:23	1TI
109	196 20:53:37	31			CC36FRP	ISS NA VID REPL HTR OFF			27679:44:785F	02-196/09:09:23	1TI
110	196 20:53:37	31			CC36JP	ISS NA ELEC REPL HTR ON			27679:44:785F	02-196/09:09:23	1TI
111	196 20:53:37	31			CC39D	IRIS REPL HTR ON			27679:44:785F	02-196/09:09:23	1TI
112	196 20:53:37	31			CC39FR	IRIS STANDBY A SUPPLY OFF			27679:44:785F	02-196/09:09:23	1TI
113	196 20:53:37	31			CC39BR	IRIS STANDBY B SUPPLY OFF			27679:44:785F	02-196/09:09:23	1TI
114	196 20:53:37	31				SCIENCE INSTRUMENT STATUS			27679:44:785F	02-196/09:09:23	1TI
115	196 20:53:37	31			SC21AF	01000 CRS CMD WORD			27679:44:785F	02-196/09:09:23	1TI

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116	196 20:53:37	31			SC21AF	02000 CRS CMD WORD			27679:44:785F	02-196/09:09:23	1TI
117	196 20:53:37	31			SC21AF	03000 CRS CMD WORD			27679:44:785F	02-196/09:09:23	1TI
118	196 20:53:37	31			SC21AF	04000 CRS CMD WORD			27679:44:785F	02-196/09:09:23	1TI
119	196 20:53:37	31			SC21AF	05300 CRS CMD WORD			27679:44:785F	02-196/09:09:23	1TI
120	196 20:53:37	31			SC21AF	06000 CRS CMD WORD			27679:44:785F	02-196/09:09:23	1TI
121	196 20:53:37	31			SC21AF	07200 CRS CMD WORD			27679:44:785F	02-196/09:09:23	1TI
122	196 20:53:37	31			SC21AF	08200 CRS CMD WORD			27679:44:785F	02-196/09:09:23	1TI
123	196 20:53:37	31			SC21AF	10000 CRS CMD WORD			27679:44:785F	02-196/09:09:23	1TI
124	196 20:53:37	31			SC21AF	11000 CRS CMD WORD			27679:44:785F	02-196/09:09:23	1TI
125	196 20:53:37	31			SC21AF	12000 CRS CMD WORD			27679:44:785F	02-196/09:09:23	1TI
126	196 20:53:37	31			SC21AF	13012 CRS CMD WORD			27679:44:785F	02-196/09:09:23	1TI
127	196 20:53:37	31			SC21AG	CRS HV FLAG			27679:44:785F	02-196/09:09:23	1TI
128	196 20:53:37	31			SC21AH	CRS CAL-ST FLAG			27679:44:785F	02-196/09:09:23	1TI
129	196 20:53:37	31			SC22AF	1347 PRA CONFIGURATION CMD			27679:44:785F	02-196/09:09:23	1TI
130	196 20:53:37	31			SC22NU	0000 PRA MODE SELECT			27679:44:785F	02-196/09:09:23	1TI
131	196 20:53:37	31			SC23AD	5 PWS CMD WORD			27679:44:785F	02-196/09:09:23	1TI
132	196 20:53:37	31			SC25AH	1777 LECP CMD WORD			27679:44:785F	02-196/09:09:23	1TI
133	196 20:53:37	31			SC25AH	2417 LECP CMD WORD			27679:44:785F	02-196/09:09:23	1TI
134	196 20:53:37	31			SC25AH	5600 LECP CMD WORD			27679:44:785F	02-196/09:09:23	1TI
135	196 20:53:37	31			SC25AH	6032 LECP CMD WORD			27679:44:785F	02-196/09:09:23	1TI
136	196 20:53:37	31			SC25AJ	1 LECP MOTOR STEP CMD			27679:44:785F	02-196/09:09:23	1TI
137	196 20:53:37	31			SC25AN	0 LECP NEAR/FAR ENC			27679:44:785F	02-196/09:09:23	1TI
138	196 20:53:37	31			SC25AQ	5200 LECP SAFE CMD			27679:44:785F	02-196/09:09:23	1TI

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139	196 20:53:37	31			SC32AF	2 PLS E1 INT/AMP GAIN			27679:44:785F	02-196/09:09:23	1TI
140	196 20:53:37	31			SC32AG	2 PLS E2 INT/AMP GAIN			27679:44:785F	02-196/09:09:23	1TI
141	196 20:53:37	31			SC32AH	3 PLS M INT/AMP GAIN			27679:44:785F	02-196/09:09:23	1TI
142	196 20:53:37	31			SC32AJ	11 PLS CONFIG CMD			27679:44:785F	02-196/09:09:23	1TI
143	196 20:53:37	31			SC32AK	2 PLS L INT/AMP GAIN			27679:44:785F	02-196/09:09:23	1TI
144	196 20:53:37	31			SC32AL	216 PLS M START WORD 1			27679:44:785F	02-196/09:09:23	1TI
145	196 20:53:37	31			SC32AM	216 PLS M START WORD 2			27679:44:785F	02-196/09:09:23	1TI
146	196 20:53:37	31			SC32AN	2 PLS M MODE			27679:44:785F	02-196/09:09:23	1TI
147	196 20:53:37	31			SC32AP	3 PLS E1 SHRT			27679:44:785F	02-196/09:09:23	1TI
148	196 20:53:37	31			SC32AQ	3 PLS E2 SHRT			27679:44:785F	02-196/09:09:23	1TI
149	196 20:53:37	31			SC32AR	3 PLS L SHORT			27679:44:785F	02-196/09:09:23	1TI
150	196 20:53:37	31			SC32AS	2 PLS E1 LONG			27679:44:785F	02-196/09:09:23	1TI
151	196 20:53:37	31			SC32AT	2 PLS E2 LONG			27679:44:785F	02-196/09:09:23	1TI
152	196 20:53:37	31			SC32AU	2 PLS L LONG			27679:44:785F	02-196/09:09:23	1TI
153	196 20:53:37	31			SC34AE	13 UVS MODE/HV LEVEL			27679:44:785F	02-196/09:09:23	1TI
154	196 20:53:37	31			SC34AF	0 UVS READ OUT FLAG			27679:44:785F	02-196/09:09:23	1TI
155	196 20:53:37	31			SC35AI	030001 MAG HFM/EL FLIP/IFC/LFM			27679:44:785F	02-196/09:09:23	1TI
156	196 20:53:37	31			SC35AO	030001 MAG HFM/PRIME/IFC/LFM RAN			27679:44:785F	02-196/09:09:23	1TI
157	196 20:53:38	31				BEGIN SEQUENCE A044 -- LOCK STAR			27679:45:001F	02-196/09:09:23	1T
158	196 23:28:02	31	10RISE			10 DEGREE RISE DSC-10					1V
159	197 00:00:00	31				VGR-31 OWLT IS 11H 44M 15S					1L
160	197 01:30:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9104					1DP
161	197 02:10:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9105 (D/L ONLY)					1DP





FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
177	197 12:26:28	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:4 TIC:1745	DTR		27699:10:735F	02-197/00:42:08	1ESd
178	197 12:26:32	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	27699:11:001F	02-197/00:42:11	1ESf
179	197 12:26:32	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		27699:11:002F	02-197/00:42:12	1ECs
180	197 12:26:33	31				B- DRCRUS			27699:11:018F	02-197/00:42:12	1TB
181	197 12:26:33	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		27699:11:026F	02-197/00:42:13	1ECf
182	197 12:27:20	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	27699:12:001F	02-197/00:42:59	1ESf
183	197 12:27:20	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		27699:12:002F	02-197/00:43:00	1ECd
184	197 12:27:20	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:1453	DTR		27699:12:002F	02-197/00:43:00	1ESd
185	197 12:27:20	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		27699:12:002F	02-197/00:43:00	1ECs

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
186	197 12:28:08	31			SC32AJ	(11) PLS CONFIG CMD	FDS		27699:13:010F	02-197/00:43:48	1ECf
187	197 12:28:09	31				END PWSREC.31			27699:13:018F	02-197/00:43:48	1T
188	197 15:51:10	31	60RISE			10 DEGREE RISE DSC-60					1V
189	197 16:00:28	31	40 SET			10 DEGREE SET DSC-40					1V
190	197 17:00:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9105 (D/L ONLY)					1DP
191	197 18:00:02	31				SET S-TWT AS S-BAND PRIME			27706:07:668F	02-197/06:15:39	1T
192	197 18:00:03	31				B- MISCMD			27706:07:684F	02-197/06:15:40	1TB
193	197 18:00:03	31				MISCMD - S-TWT PRIME			27706:07:684F	02-197/06:15:40	1T
194	197 18:00:03	31			CC2CP	S-BAND TWT SELECT(SEC RELAY SET) OR SSA SELECT(SEC RELAY SET)	PWR		27706:07:685F	02-197/06:15:41	1ECp
195	197 18:00:57	31				SELECT SSA IN RFLOSS----- MODI			27706:08:784F	02-197/06:16:34	1T
196	197 18:00:58	31				B- MEMUPD			27706:09:001F	02-197/06:16:35	1TB
197	197 18:00:58	31				MEMUPD - SELECT SSA			27706:09:001F	02-197/06:16:35	1T
198	197 18:02:34	31				B- PASS.3			27706:11:001F	02-197/06:18:11	1TB
199	197 20:05:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9105 (D/L ONLY)					1DP
200	197 20:25:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9105					1DP
201	197 23:24:05	31	10RISE			10 DEGREE RISE DSC-10					1V
202	198 00:00:00	31				VGR-31 OWLT IS 11H 44M 24S					1L
203	198 01:10:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9106 (D/L ONLY)					1DP
204	198 01:40:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9105					1DP
205	198 03:28:17	31	60 SET			10 DEGREE SET DSC-60					1V
206	198 04:05:38	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf



FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
220	198 07:37:51	31				END PESCAL			27723:10:001F	02-197/19:53:23	1T
221	198 07:37:51	31				B- DRCRUS			27723:10:001F	02-197/19:53:23	1TB
222	198 07:37:51	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		27723:10:010F	02-197/19:53:24	1ECf
223	198 07:38:39	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	27723:11:001F	02-197/19:54:11	1ESf
224	198 07:38:39	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		27723:11:002F	02-197/19:54:11	1ECs
225	198 07:38:40	31				END PMPCALLR			27723:11:018F	02-197/19:54:12	1T
226	198 09:55:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9106					1DP
227	198 10:54:06	31	10 SET			10 DEGREE SET DSC-10					1V
228	198 12:00:00	31				VGR-31 OWLT IS 11H 44M 29S					1L
229	198 15:47:12	31	60RISE			10 DEGREE RISE DSC-60					1V
230	198 15:56:31	31	40 SET			10 DEGREE SET DSC-40					1V
231	198 19:21:08	31			AC7SSB	(3 +007) SS BIAS CONTROL - PITCH	AACS		27737:49:003F	02-198/07:36:36	1ECa
232	198 20:20:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9106 (U/L PASS)					1DP
233	198 23:20:07	31	10RISE			10 DEGREE RISE DSC-10					1V
234	198 23:45:00	31	63	OPCH 63		== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==					1TD

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
235	198 23:45:00	31	63	OPCH 63		== TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL)					1TD
236	198 23:46:00	31	63	OPCH 63		== TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN					1TD
237	198 23:47:00	31	63	OPCH 63		== TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) ==					1TD
238	199 00:00:00	31				VGR-31 OWLT IS 11H 44M 34S					1L
239	199 00:12:00	31	63	OPCH 63		== END TLC TEST UP-LINK == == TURN TRANSMITTER OFF == TUNE TO TSF @ 48 HZ/SEC (S-BAND)					1TD
240	199 01:45:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9106					1DP
241	199 03:00:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9107 (D/L ONLY)					1DP
242	199 03:24:18	31	60 SET			10 DEGREE SET DSC-60					1V
243	199 06:48:36	31	40RISE			10 DEGREE RISE DSC-40					1V
244	199 09:55:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9107					1DP
245	199 10:50:08	31	10 SET			10 DEGREE SET DSC-10					1V
246	199 12:00:00	31				VGR-31 OWLT IS 11H 44M 39S					1L
247	199 15:43:15	31	60RISE			10 DEGREE RISE DSC-60					1V
248	199 15:52:34	31	40 SET			10 DEGREE SET DSC-40					1V
249	199 20:05:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9107 (D/L ONLY)					1DP
250	199 23:10:07	31				B- RFSTLC			27772:35:001F	02-199/11:25:23	1TB

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
251	199 23:16:10	31	10RISE			10 DEGREE RISE DSC-10					1V
252	199 23:41:23	31	65	OPCH 65		== START TLC TEST DOWN-LINK ==					1TD
253	200 00:00:00	31				VGR-31 OWLT IS 11H 44M 44S					1L
254	200 00:25:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9108 (D/L ONLY)					1DP
255	200 00:42:23	31	65	OPCH 65		== END TLC TEST DOWN-LINK ==					1TD
256	200 00:45:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9107					1DP
257	200 03:20:20	31	60 SET			10 DEGREE SET DSC-60					1V
258	200 06:44:37	31	40RISE			10 DEGREE RISE DSC-40					1V
259	200 09:50:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9108					1DP
260	200 10:46:10	31	10 SET			10 DEGREE SET DSC-10					1V
261	200 12:00:00	31				VGR-31 OWLT IS 11H 44M 49S					1L
262	200 15:24:38	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		27792:53:002F	02-200/03:39:48	1ECd
263	200 15:24:38	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1446	DTR		27792:53:002F	02-200/03:39:48	1ESd
264	200 15:39:18	31	60RISE			10 DEGREE RISE DSC-60					1V
265	200 15:48:37	31	40 SET			10 DEGREE SET DSC-40					1V
266	200 16:06:35	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		27793:45:355F	02-200/04:21:45	1ECd
267	200 16:06:35	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2353	DTR		27793:45:355F	02-200/04:21:45	1ESd



FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
282	200 18:26:59	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:2353	DTR		27796:40:735F	02-200/06:42:08	1ESd
283	200 18:27:03	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	27796:41:001F	02-200/06:42:11	1ESf
284	200 18:27:03	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		27796:41:002F	02-200/06:42:12	1ECs
285	200 18:27:04	31				B- DRCRUS			27796:41:018F	02-200/06:42:12	1TB
286	200 18:27:04	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		27796:41:026F	02-200/06:42:13	1ECf
287	200 18:27:51	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	27796:42:001F	02-200/06:42:59	1ESf
288	200 18:27:51	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		27796:42:002F	02-200/06:43:00	1ECs
289	200 18:27:51	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		27796:42:002F	02-200/06:43:00	1ECd
290	200 18:27:51	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:2060	DTR		27796:42:002F	02-200/06:43:00	1ESd



FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
291	200 18:28:39	31			SC32AJ	(11) PLS CONFIG CMD	FDS		27796:43:009F	02-200/06:43:48	1ECf
292	200 18:28:40	31				END PWSREC.31			27796:43:018F	02-200/06:43:48	1T
293	200 20:34:16	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		27799:20:002F	02-200/08:49:24	1ECd
294	200 20:34:16	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2054	DTR		27799:20:002F	02-200/08:49:24	1ESd
295	200 21:02:22	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		27799:55:106F	02-200/09:17:30	1ECd
296	200 21:02:22	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1446	DTR		27799:55:106F	02-200/09:17:30	1ESd
297	200 23:12:13	31	10RISE			10 DEGREE RISE DSC-10					1V
298	200 23:34:18	31			CC16C	(7024) DTR STATE SELECT: READY	DTR		27803:05:002F	02-200/11:49:24	1ECd
299	200 23:34:18	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:1446	DTR		27803:05:002F	02-200/11:49:24	1ESd
300	201 00:00:00	31				VGR-31 OWLT IS 11H 44M 54S					1L
301	201 00:20:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9109 (D/L ONLY)					1DP
302	201 03:16:21	31	60 SET			10 DEGREE SET DSC-60					1V
303	201 06:40:39	31	40RISE			10 DEGREE RISE DSC-40					1V
304	201 09:45:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9109					1DP
305	201 10:42:11	31	10 SET			10 DEGREE SET DSC-10					1V
306	201 12:00:00	31				VGR-31 OWLT IS 11H 44M 59S					1L
307	201 15:35:21	31	60RISE			10 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
308	201 15:44:40	31	40	SET		10 DEGREE SET DSC-40					1V
309	201 16:50:00	31	65	AO	OPCH ACE	AOS DSS-65 PASS-9109 (D/L ONLY)					1DP
310	201 21:45:00	31	65	LO	OPCH ACE	LOS DSS-65 PASS-9109					1DP
311	201 22:45:39	31				B- UVSLEW			27832:04:001F	02-201/11:00:35	1TB
312	201 22:45:39	31				SLEW TO HELIO-1B			27832:04:001F	02-201/11:00:35	1T
313	201 22:45:39	31				B- PLATPOB			27832:04:001F	02-201/11:00:35	1TB
314	201 22:45:39	31			AC7SPK	(2 12 1 228 133) AZ SLEW R=LOW	AACS		27832:04:003F	02-201/11:00:36	1ECa
315	201 22:45:39	31			AC7SPK	(1 12 2 131 172) EL SLEW R=LOW	AACS		27832:04:005F	02-201/11:00:36	1ECa
316	201 22:45:47	31				B- SLEND			27832:04:134F	02-201/11:00:43	1TB
317	201 22:45:47	31			SLEWEND	AZ=309.956 EL=85.046 CO=89.865			27832:04:134F	02-201/11:00:43	1T
318	201 23:08:16	31	10	RISE		10 DEGREE RISE DSC-10					1V
319	202 00:00:00	31				VGR-31 OWLT IS 11H 45M 04S					1L
320	202 00:15:00	31	25	AO	OPCH ACE	AOS DSS-25 PASS-9110 (D/L ONLY)					1DP
321	202 03:12:23	31	60	SET		10 DEGREE SET DSC-60					1V
322	202 06:36:40	31	40	RISE		10 DEGREE RISE DSC-40					1V
323	202 07:45:00	31	25	LO	OPCH ACE	LOS DSS-25 PASS-9110					1DP
324	202 10:38:13	31	10	SET		10 DEGREE SET DSC-10					1V
325	202 12:00:00	31				VGR-31 OWLT IS 11H 45M 09S					1L
326	202 15:31:24	31	60	RISE		10 DEGREE RISE DSC-60					1V
327	202 15:40:43	31	40	SET		10 DEGREE SET DSC-40					1V
328	202 20:00:00	31	63	AO	OPCH ACE	AOS DSS-63 PASS-9110 (D/L ONLY)					1DP
329	202 22:45:49	31				B- UVSLEW			27862:04:001F	02-202/11:00:35	1TB
330	202 22:45:49	31				SLEW TO HELIO-2B			27862:04:001F	02-202/11:00:35	1T

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
331	202 22:45:49	31				B- PLATPOB			27862:04:001F	02-202/11:00:35	1TB
332	202 22:45:49	31			AC7SPK	(1 12 2 124 085) EL SLEW R=LOW	AACS		27862:04:003F	02-202/11:00:36	1ECa
333	202 22:45:49	31			AC7SPK	(2 12 2 232 179) AZ SLEW R=LOW	AACS		27862:04:005F	02-202/11:00:36	1ECa
334	202 22:49:08	31				B- SLEND			27862:08:118F	02-202/11:03:54	1TB
335	202 22:49:08	31			SLEWEND	AZ=314.998 EL=95.016 CO=100.220			27862:08:118F	02-202/11:03:54	1T
336	202 23:04:19	31	10RISE			10 DEGREE RISE DSC-10					1V
337	203 00:00:00	31				VGR-31 OWLT IS 11H 45M 14S					1L
338	203 03:00:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9111 (D/L ONLY)					1DP
339	203 03:08:24	31	60 SET			10 DEGREE SET DSC-60					1V
340	203 03:15:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9110					1DP
341	203 04:26:39	31			AC7SSB	(3 +008) SS BIAS CONTROL - PITCH	AACS		27869:10:003F	02-202/16:41:24	1ECa
342	203 05:15:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9111 (D/L ONLY)					1DP
343	203 05:30:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9111					1DP
344	203 06:32:42	31	40RISE			10 DEGREE RISE DSC-40					1V
345	203 09:50:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9111					1DP
346	203 10:10:00	31	45 AO	OPCH ACE		AOS DSS-45 PASS-9111 (D/L ONLY)					1DP
347	203 10:34:14	31	10 SET			10 DEGREE SET DSC-10					1V
348	203 12:00:00	31				VGR-31 OWLT IS 11H 45M 19S					1L
349	203 14:00:00	31	45 LO	OPCH ACE		LOS DSS-45 PASS-9111					1DP
350	203 15:27:27	31	60RISE			10 DEGREE RISE DSC-60					1V
351	203 15:36:46	31	40 SET			10 DEGREE SET DSC-40					1V
352	203 20:40:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9111 (D/L ONLY)					1DP
353	203 22:45:59	31				B- UVSLEW			27892:04:001F	02-203/11:00:35	1TB



FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
373	204 12:00:00	31				VGR-31 OWLT IS 11H 45M 29S					1L
374	204 12:02:05	31				BEGIN PWSREC.31			27908:39:001F	02-204/00:16:35	1T
375	204 12:02:05	31			SC32AJ	(10) PLS CONFIG CMD	FDS		27908:39:009F	02-204/00:16:36	1ECf
376	204 12:02:53	31				B- DRGS4B			27908:40:001F	02-204/00:17:23	1TB
377	204 12:02:53	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		27908:40:009F	02-204/00:17:24	1ECf
378	204 12:03:37	31				BEGIN RECORDING PWS DATA			27908:40:734F	02-204/00:18:07	1T
379	204 12:03:37	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		27908:40:735F	02-204/00:18:08	1ECd
380	204 12:03:37	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:4 TIC:1446	DTR		27908:40:735F	02-204/00:18:08	1ESd
381	204 12:03:41	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	27908:41:001F	02-204/00:18:11	1ESf
382	204 12:03:41	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		27908:41:002F	02-204/00:18:12	1ECs
383	204 12:03:42	31				B- DRCRUS			27908:41:018F	02-204/00:18:12	1TB
384	204 12:03:42	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		27908:41:026F	02-204/00:18:13	1ECf

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
385	204 12:04:29	31		ACE OPCH			FDS	CR-5T	27908:42:001F	02-204/00:18:59	1ESf
						FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11					
386	204 12:04:29	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		27908:42:002F	02-204/00:18:59	1ECs
387	204 12:04:29	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		27908:42:002F	02-204/00:19:00	1ECd
388	204 12:04:29	31					DTR		27908:42:002F	02-204/00:19:00	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:1154					
389	204 12:05:17	31			SC32AJ	(11) PLS CONFIG CMD	FDS		27908:43:009F	02-204/00:19:48	1ECf
390	204 12:05:18	31				END PWSREC.31			27908:43:018F	02-204/00:19:48	1T
391	204 14:30:00	31	45 LO	OPCH ACE		LOS DSS-45 PASS-9112					1DP
392	204 15:23:30	31	60RISE			10 DEGREE RISE DSC-60					1V
393	204 15:32:49	31	40 SET			10 DEGREE SET DSC-40					1V
394	204 20:10:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9112 (U/L PASS) PERFORM RFSTLC PER TELECOM MESSAGE					1DP
395	204 22:46:09	31				B- UVSLEW			27922:04:001F	02-204/11:00:35	1TB
396	204 22:46:09	31				SLEW TO HELIO-4B			27922:04:001F	02-204/11:00:35	1T
397	204 22:46:09	31				B- PLATPOB			27922:04:001F	02-204/11:00:35	1TB
398	204 22:46:09	31			AC7SPK	(1 12 2 110 172) EL SLEW R=LOW	AACS		27922:04:003F	02-204/11:00:36	1ECa
399	204 22:46:09	31			AC7SPL	(2 12 1 255 222) AZ SLEW R=LOW	AACS		27922:04:005F	02-204/11:00:36	1ECa
400	204 22:48:22	31				B- SLEND			27922:06:618F	02-204/11:02:48	1TB
401	204 22:48:22	31			SLEWEND	AZ=319.959 EL=115.015 CO=120.495			27922:06:618F	02-204/11:02:48	1T

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
402	204 22:56:24	31	10RISE			10 DEGREE RISE DSC-10					1V
403	205 00:00:00	31				VGR-31 OWLT IS 11H 45M 34S					1L
404	205 01:55:00	31	63	OPCH	63	== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==					1TD
405	205 01:55:00	31	63	OPCH	63	== TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL)					1TD
406	205 01:56:00	31	63	OPCH	63	== TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN					1TD
407	205 01:57:00	31	63	OPCH	63	== TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) ==					1TD
408	205 02:22:00	31	63	OPCH	63	== END TLC TEST UP-LINK == == TURN TRANSMITTER OFF == TUNE TO TSF @ 48 HZ/SEC (S-BAND)					1TD
409	205 02:40:00	31	15	AO	OPCH ACE	AOS DSS-15 PASS-9113 (D/L ONLY)					1DP
410	205 03:00:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-9112					1DP
411	205 03:00:27	31	60	SET		10 DEGREE SET DSC-60					1V
412	205 06:24:45	31	40RISE			10 DEGREE RISE DSC-40					1V
413	205 09:05:00	31	45	AO	OPCH ACE	AOS DSS-45 PASS-9113 (D/L ONLY)					1DP
414	205 09:25:00	31	15	LO	OPCH ACE	LOS DSS-15 PASS-9113					1DP
415	205 10:26:18	31	10	SET		10 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
416	205 12:00:00	31				VGR-31 OWLT IS 11H 45M 39S					1L
417	205 14:30:00	31	45 LO	OPCH ACE		LOS DSS-45 PASS-9113					1DP
418	205 15:19:33	31	60RISE			10 DEGREE RISE DSC-60					1V
419	205 15:28:52	31	40 SET			10 DEGREE SET DSC-40					1V
420	205 19:50:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9113 (D/L ONLY)					1DP
421	205 22:46:20	31				B- UVSLEW			27952:04:001F	02-205/11:00:35	1TB
422	205 22:46:20	31				SLEW TO HELIO-5B			27952:04:001F	02-205/11:00:35	1T
423	205 22:46:20	31				B- PLATPOA			27952:04:001F	02-205/11:00:35	1TB
424	205 22:46:20	31			AC7SPK	(1 12 2 103 083) EL SLEW R=LOW	AACS		27952:04:003F	02-205/11:00:36	1ECa
425	205 22:48:28	31				B- SLEND			27952:06:534F	02-205/11:02:43	1TB
426	205 22:48:28	31			SLEWEND	AZ=319.959 EL=125.012 CO=130.473			27952:06:534F	02-205/11:02:43	1T
427	205 22:52:27	31	10RISE			10 DEGREE RISE DSC-10					1V
428	205 23:45:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9113					1DP
429	206 00:00:00	31				VGR-31 OWLT IS 11H 45M 44S					1L
430	206 00:00:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9114 (D/L ONLY)					1DP
431	206 01:21:33	31				B- RFSTLC			27955:18:001F	02-205/13:35:47	1TB
432	206 01:53:25	31	25	OPCH 25		== START TLC TEST DOWN-LINK ==					1TD
433	206 02:54:25	31	25	OPCH 25		== END TLC TEST DOWN-LINK ==					1TD
434	206 02:56:29	31	60 SET			10 DEGREE SET DSC-60					1V
435	206 06:20:47	31	40RISE			10 DEGREE RISE DSC-40					1V
436	206 06:45:00	31	43 AO	OPCH ACE		AOS DSS-43 PASS-9114 (D/L ONLY)					1DP



FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
437	206 07:00:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9114					1DP
438	206 10:22:20	31	10 SET			10 DEGREE SET DSC-10					1V
439	206 11:10:00	31	34 AO	OPCH ACE		AOS DSS-34 PASS-9114 (D/L ONLY)					1DP
440	206 11:20:00	31	43 LO	OPCH ACE		LOS DSS-43 PASS-9114					1DP
441	206 12:00:00	31				VGR-31 OWLT IS 11H 45M 49S					1L
442	206 13:35:00	31	34 LO	OPCH ACE		LOS DSS-34 PASS-9114					1DP
443	206 15:15:37	31	60RISE			10 DEGREE RISE DSC-60					1V
444	206 15:24:55	31	40 SET			10 DEGREE SET DSC-40					1V
445	206 19:50:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9114 (D/L ONLY)					1DP
446	206 22:46:30	31				B- UVSLEW			27982:04:001F	02-206/11:00:35	1TB
447	206 22:46:30	31				SLEW TO HELIO-6B			27982:04:001F	02-206/11:00:35	1T
448	206 22:46:30	31				B- PLATPOA			27982:04:001F	02-206/11:00:35	1TB
449	206 22:46:30	31			AC7SPK	(1 12 1 097 162) EL SLEW R=LOW	AACS		27982:04:003F	02-206/11:00:36	1ECa
450	206 22:48:25	31				B- SLEND			27982:06:318F	02-206/11:02:30	1TB
451	206 22:48:25	31			SLEWEND	AZ=319.959 EL=134.002 CO=139.434			27982:06:318F	02-206/11:02:30	1T
452	206 22:48:31	31	10RISE			10 DEGREE RISE DSC-10					1V
453	207 00:00:00	31				VGR-31 OWLT IS 11H 45M 54S					1L
454	207 02:30:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9115 (D/L ONLY)					1DP
455	207 02:50:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9114					1DP
456	207 02:52:30	31	60 SET			10 DEGREE SET DSC-60					1V
457	207 05:00:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9115					1DP
458	207 06:16:48	31	40RISE			10 DEGREE RISE DSC-40					1V
459	207 07:25:00	31	43 AO	OPCH ACE		AOS DSS-43 PASS-9115 (D/L ONLY)					1DP



FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
475	207 18:01:50	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:2054	DTR		28006:08:002F	02-207/06:15:48	1ESd
476	207 18:02:38	31				AHELII PWSREC 06			28006:09:001F	02-207/06:16:35	1T
477	207 18:02:38	31				B- PWSREC.31			28006:09:001F	02-207/06:16:35	1TB
478	207 18:02:38	31				BEGIN PWSREC.31			28006:09:001F	02-207/06:16:35	1T
479	207 18:02:38	31			SC32AJ	(10) PLS CONFIG CMD	FDS		28006:09:009F	02-207/06:16:36	1ECf
480	207 18:03:26	31				B- DRGS4B			28006:10:001F	02-207/06:17:23	1TB
481	207 18:03:26	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		28006:10:009F	02-207/06:17:24	1ECf
482	207 18:04:10	31				BEGIN RECORDING PWS DATA			28006:10:734F	02-207/06:18:07	1T
483	207 18:04:10	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		28006:10:735F	02-207/06:18:08	1ECd
484	207 18:04:10	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:2054	DTR		28006:10:735F	02-207/06:18:08	1ESd
485	207 18:04:14	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	28006:11:001F	02-207/06:18:11	1ESf
486	207 18:04:14	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		28006:11:002F	02-207/06:18:12	1ECs
487	207 18:04:15	31				B- DRCRUS			28006:11:018F	02-207/06:18:12	1TB

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
488	207 18:04:15	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		28006:11:026F	02-207/06:18:13	1ECf
489	207 18:05:02	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	28006:12:001F	02-207/06:18:59	1ESf
490	207 18:05:02	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		28006:12:002F	02-207/06:18:59	1ECs
491	207 18:05:02	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		28006:12:002F	02-207/06:19:00	1ECd
492	207 18:05:02	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:1761	DTR		28006:12:002F	02-207/06:19:00	1ESd
493	207 18:05:50	31			SC32AJ	(11) PLS CONFIG CMD	FDS		28006:13:009F	02-207/06:19:48	1ECf
494	207 18:05:51	31				END PWSREC.31			28006:13:018F	02-207/06:19:48	1T
495	207 19:50:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9115 (D/L ONLY)					1DP
496	207 20:11:27	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		28008:50:002F	02-207/08:25:24	1ECd
497	207 20:11:27	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:1755	DTR		28008:50:002F	02-207/08:25:24	1ESd
498	207 20:39:33	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		28009:25:106F	02-207/08:53:30	1ECd
499	207 20:39:33	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1147	DTR		28009:25:106F	02-207/08:53:30	1ESd

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT 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	207 22:44:34	31	10RISE			10 DEGREE RISE DSC-10					1V
501	207 22:46:40	31				B- UVSLEW			28012:04:001F	02-207/11:00:35	1TB
502	207 22:46:40	31				SLEW TO HELIO-7B			28012:04:001F	02-207/11:00:35	1T
503	207 22:46:40	31				B- PLATPOA			28012:04:001F	02-207/11:00:35	1TB
504	207 22:46:40	31			AC7SPK	(1 12 2 088 100) EL SLEW R=LOW	AACS		28012:04:003F	02-207/11:00:36	1ECa
505	207 22:49:24	31				B- SLEND			28012:07:334F	02-207/11:03:19	1TB
506	207 22:49:24	31			SLEWEND	AZ=319.959 EL=147.006 CO=152.321			28012:07:334F	02-207/11:03:19	1T
507	207 23:11:28	31			CC16C	(7024) DTR STATE SELECT: READY	DTR		28012:35:002F	02-207/11:25:24	1ECd
508	207 23:11:28	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:1147	DTR		28012:35:002F	02-207/11:25:24	1ESd
509	208 00:00:00	31				VGR-31 OWLT IS 11H 46M 05S					1L
510	208 01:10:41	31				B- GAIN.31			28015:04:001F	02-207/13:24:35	1TB
511	208 01:10:41	31				BEGIN GAIN31			28015:04:001F	02-207/13:24:35	1T
512	208 01:10:41	31				B- GYONAB.31			28015:04:001F	02-207/13:24:35	1TB
513	208 01:10:41	31				BEGIN GYONAB31			28015:04:001F	02-207/13:24:35	1T
514	208 01:10:41	31			AC7GYP	(000) DRIRU PATTERN CONTROL GYRO/AXIS=A/PITCH & YAW B/ROLL	AACS		28015:04:004F	02-207/13:24:36	1ECa
515	208 01:10:41	31			CC7GCRP	GYRO C OFF	PWR		28015:04:004F	02-207/13:24:36	1ECp
516	208 01:10:41	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS		28015:04:004F	02-207/13:24:36	1ESa
517	208 01:10:41	31			CC7GCRP	GYRO C OFF	PWR		28015:04:007F	02-207/13:24:36	1ECp

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
518	208 01:10:41	31			CC7PC	(372) GYRO C OFF	AACS		28015:04:009F	02-207/13:24:36	1ECa
519	208 01:10:41	31			CC7GBP	GYRO B ON	PWR		28015:04:009F	02-207/13:24:36	1ECp
520	208 01:10:41	31					AACS		28015:04:009F	02-207/13:24:36	1ESa
						AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF					
521	208 01:10:42	31			CC7GBP	GYRO B ON	PWR		28015:04:011F	02-207/13:24:36	1ECp
522	208 01:10:42	31			CC7PC	(363) GYRO B ON	AACS		28015:04:013F	02-207/13:24:36	1ECa
523	208 01:10:42	31			CC7GAP	GYRO A ON	PWR		28015:04:014F	02-207/13:24:36	1ECp
524	208 01:10:42	31					AACS		28015:04:014F	02-207/13:24:36	1ESa
						AACS STATUS MODE : CRU GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF					
525	208 01:10:42	31			CC7GAP	GYRO A ON	PWR		28015:04:016F	02-207/13:24:36	1ECp
526	208 01:10:42	31			CC7PC	(353) GYRO A ON	AACS		28015:04:018F	02-207/13:24:36	1ECa
527	208 01:11:10	31				DRIRU INITIALIZATION			28015:04:484F	02-207/13:25:04	1T
528	208 01:11:11	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		28015:04:502F	02-207/13:25:06	1ECa
529	208 01:11:40	31				SET CALIB			28015:05:184F	02-207/13:25:34	1T
530	208 01:11:41	31			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		28015:05:204F	02-207/13:25:36	1ECa
531	208 01:20:40	31				START GYRO FAULT TEST			28015:16:384F	02-207/13:34:34	1T
532	208 01:20:41	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		28015:16:402F	02-207/13:34:36	1ECa
533	208 01:20:42	31				END GYONAB31			28015:16:418F	02-207/13:34:36	1T
534	208 02:10:42	31				B- CCSTIMB			28016:19:001F	02-207/14:24:35	1TB
535	208 02:10:42	31				EXECUTE CCSTIMB FINE			28016:19:001F	02-207/14:24:35	1T

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
536	208 02:30:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9116 (D/L ONLY)					1DP
537	208 02:48:32	31	60 SET			10 DEGREE SET DSC-60					1V
538	208 02:50:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9115					1DP
539	208 06:12:50	31	40RISE			10 DEGREE RISE DSC-40					1V
540	208 09:05:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9116					1DP
541	208 10:14:23	31	10 SET			10 DEGREE SET DSC-10					1V
542	208 12:00:00	31				VGR-31 OWLT IS 11H 46M 10S					1L
543	208 15:07:43	31	60RISE			10 DEGREE RISE DSC-60					1V
544	208 15:17:02	31	40 SET			10 DEGREE SET DSC-40					1V
545	208 22:40:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9116 (D/L ONLY)					1DP
546	208 22:40:37	31	10RISE			10 DEGREE RISE DSC-10					1V
547	208 22:46:51	31				B- UVSLEW			28042:04:001F	02-208/11:00:35	1TB
548	208 22:46:51	31				SLEW TO HELIO-8B			28042:04:001F	02-208/11:00:35	1T
549	208 22:46:51	31				B- PLATPOA			28042:04:001F	02-208/11:00:35	1TB
550	208 22:46:51	31			AC7SPK	(1 12 2 082 047) EL SLEW R=LOW	AACS		28042:04:003F	02-208/11:00:36	1ECa
551	208 22:48:47	31				B- SLEND			28042:06:334F	02-208/11:02:31	1TB
552	208 22:48:47	31			SLEWEND	AZ=319.959 EL=156.010 CO=161.187			28042:06:334F	02-208/11:02:31	1T
553	209 00:00:00	31				VGR-31 OWLT IS 11H 46M 15S					1L
554	209 02:30:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9117 (D/L ONLY)					1DP
555	209 02:44:34	31	60 SET			10 DEGREE SET DSC-60					1V
556	209 02:45:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9116					1DP
557	209 04:26:53	31			AC7SSB	(4 +138) SS BIAS CONTROL --- YAW	AACS		28049:09:003F	02-208/16:40:36	1ECa
558	209 06:08:51	31	40RISE			10 DEGREE RISE DSC-40					1V

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
559	209 07:05:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9117					1DP
560	209 07:35:00	31	43 AO	OPCH ACE		AOS DSS-43 PASS-9117 (D/L ONLY)					1DP
561	209 10:10:25	31	10 SET			10 DEGREE SET DSC-10					1V
562	209 12:00:00	31				VGR-31 OWLT IS 11H 46M 21S					1L
563	209 13:50:00	31	43 LO	OPCH ACE		LOS DSS-43 PASS-9117					1DP
564	209 15:03:46	31	60RISE			10 DEGREE RISE DSC-60					1V
565	209 15:13:05	31	40 SET			10 DEGREE SET DSC-40					1V
566	209 20:20:00	31	54 AO	OPCH ACE		AOS DSS-54 PASS-9117 (D/L ONLY)					1DP
567	209 22:36:40	31	10RISE			10 DEGREE RISE DSC-10					1V
568	209 22:47:01	31				B- UVSLEW			28072:04:001F	02-209/11:00:35	1TB
569	209 22:47:01	31				SLEW TO HELIO-9B			28072:04:001F	02-209/11:00:35	1T
570	209 22:47:01	31				B- PLATPOA			28072:04:001F	02-209/11:00:35	1TB
571	209 22:47:01	31			AC7SPK	(1 12 1 075 125) EL SLEW R=LOW	AACS		28072:04:003F	02-209/11:00:36	1ECa
572	209 22:48:57	31				B- SLEND			28072:06:334F	02-209/11:02:31	1TB
573	209 22:48:57	31			SLEWEND	AZ=319.959 EL=165.030 CO=169.890			28072:06:334F	02-209/11:02:31	1T
574	210 00:00:00	31				VGR-31 OWLT IS 11H 46M 26S					1L
575	210 00:20:00	31	54 LO	OPCH ACE		LOS DSS-54 PASS-9117					1DP
576	210 02:40:35	31	60 SET			10 DEGREE SET DSC-60					1V
577	210 05:25:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9118 (D/L ONLY)					1DP
578	210 06:04:53	31	40RISE			10 DEGREE RISE DSC-40					1V
579	210 09:05:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9118					1DP
580	210 10:06:27	31	10 SET			10 DEGREE SET DSC-10					1V
581	210 12:00:00	31				VGR-31 OWLT IS 11H 46M 31S					1L







FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
614	211 11:40:54	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		28118:11:002F	02-210/23:54:12	1ECs
615	211 11:40:55	31				B- DRCRUS			28118:11:018F	02-210/23:54:12	1TB
616	211 11:40:55	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		28118:11:026F	02-210/23:54:13	1ECF
617	211 11:41:42	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	28118:12:001F	02-210/23:54:59	1ESF
618	211 11:41:42	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		28118:12:002F	02-210/23:55:00	1ECd
619	211 11:41:42	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:0855	DTR		28118:12:002F	02-210/23:55:00	1ESd
620	211 11:41:42	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		28118:12:002F	02-210/23:55:00	1ECs
621	211 11:42:30	31			SC32AJ	(11) PLS CONFIG CMD	FDS		28118:13:010F	02-210/23:55:48	1ECf
622	211 11:42:31	31				END PWSREC.31			28118:13:018F	02-210/23:55:48	1T
623	211 12:00:00	31				VGR-31 OWLT IS 11H 46M 42S					1L
624	211 14:05:00	31	45 LO	OPCH ACE		LOS DSS-45 PASS-9119					1DP
625	211 14:55:53	31	60RISE			10 DEGREE RISE DSC-60					1V
626	211 15:05:12	31	40 SET			10 DEGREE SET DSC-40					1V
627	211 16:50:00	31	54 AO	OPCH ACE		AOS DSS-54 PASS-9119 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
628	211 19:45:00	31	54 LO	OPCH ACE		LOS DSS-54 PASS-9119					1DP
629	211 22:28:47	31	10RISE			10 DEGREE RISE DSC-10					1V
630	211 22:35:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9119 (D/L ONLY)					1DP
631	211 22:37:46	31			AC7SSB	(3 +010) SS BIAS CONTROL - PITCH	AACS		28131:52:003F	02-211/10:51:00	1ECa
632	211 22:47:23	31				B- UVSLEW			28132:04:001F	02-211/11:00:35	1TB
633	211 22:47:23	31				SLEW TO MIDPNT			28132:04:001F	02-211/11:00:35	1T
634	211 22:47:23	31				B- PLATPOB			28132:04:001F	02-211/11:00:35	1TB
635	211 22:47:23	31			AC7SPK	(1 12 1 093 214) EL SLEW R=LOW	AACS		28132:04:003F	02-211/11:00:36	1ECa
636	211 22:47:23	31			AC7SPK	(2 12 1 165 129) AZ SLEW R=LOW	AACS		28132:04:005F	02-211/11:00:36	1ECa
637	211 23:14:55	31				B- SLEND			28132:38:334F	02-211/11:28:07	1TB
638	211 23:14:55	31			SLEWEND	AZ=219.984 EL=140.021 CO=135.251			28132:38:334F	02-211/11:28:07	1T
639	212 00:00:00	31				VGR-31 OWLT IS 11H 46M 47S					1L
640	212 00:15:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9120 (D/L ONLY)					1DP
641	212 00:35:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9119					1DP
642	212 01:22:36	31				B- RFSTLC			28135:18:001F	02-211/13:35:47	1TB
643	212 02:11:24	31				DRIRU INITIALIZATION			28136:19:001F	02-211/14:24:35	1T
644	212 02:11:24	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		28136:19:001F	02-211/14:24:35	1ECa
645	212 02:32:39	31	60 SET			10 DEGREE SET DSC-60					1V
646	212 05:56:56	31	40RISE			10 DEGREE RISE DSC-40					1V
647	212 09:00:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9120					1DP
648	212 09:58:30	31	10 SET			10 DEGREE SET DSC-10					1V
649	212 12:00:00	31				VGR-31 OWLT IS 11H 46M 52S					1L
650	212 14:51:57	31	60RISE			10 DEGREE RISE DSC-60					1V



FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
662	212 20:30:44	31		ACE OPCH		FDS STATUS EL-40/X40/S40 MEM:PA/FDS11	FDS	CE-40	28159:13:001F	02-212/08:43:47	1ESf
663	212 20:30:44	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		28159:13:002F	02-212/08:43:48	1ECs
664	212 20:45:56	31				.05 ALL AXES DEADBAND			28159:32:001F	02-212/08:58:59	1T
665	212 20:45:56	31			AC7DDB	(000480) CHG TO .05 DEG DEADBAND	AACS		28159:32:003F	02-212/08:59:00	1ECa
666	212 21:01:56	31			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		28159:52:002F	02-212/09:15:00	1ECa
667	212 21:01:56	31				AACS STATUS MODE : AAI GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		28159:52:002F	02-212/09:15:00	1ESa
668	212 21:01:56	31			CC7GCRP	GYRO C OFF	PWR		28159:52:003F	02-212/09:15:00	1ECp
669	212 21:01:56	31			CC7GCRP	GYRO C OFF	PWR		28159:52:005F	02-212/09:15:00	1ECp
670	212 21:01:56	31			CC7PC	(372) GYRO C OFF	AACS		28159:52:007F	02-212/09:15:00	1ECa
671	212 21:01:56	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		28159:52:008F	02-212/09:15:00	1ECp
672	212 21:01:56	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		28159:52:010F	02-212/09:15:00	1ECp
673	212 21:01:57	31			CC7PC	(312) DUMMY PWR CMD	AACS		28159:52:012F	02-212/09:15:00	1ECa
674	212 21:02:43	31	63	OPCH 63		ASCAL =====					1TD
675	212 21:02:44	31				START FIRST YAW DRIFT TURN			28159:53:001F	02-212/09:15:47	1T
676	212 21:02:44	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		28159:53:004F	02-212/09:15:48	1ECa

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
677	212 21:06:44	31			AC7PAR	(7015 764220) PARAMETER LOAD	AACS		28159:58:003F	02-212/09:19:48	1ECa
678	212 21:14:45	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		28160:08:003F	02-212/09:27:48	1ECa
679	212 21:18:44	31	63	OPCH 63		ASCAL ===== END YAW DRIFT TURNS					1TD
680	212 21:18:45	31			AC7PAR	(7015 000000) PARAMETER LOAD	AACS		28160:13:004F	02-212/09:31:48	1ECa
681	212 21:18:46	31				END THIRD YAW DRIFT TURN			28160:13:018F	02-212/09:31:48	1T
682	212 21:19:31	31	63	OPCH 63		ASCAL ===== START PITCH DRIFT TURNS					1TD
683	212 21:19:33	31				START FIRST PITCH DRIFT TURN			28160:14:001F	02-212/09:32:35	1T
684	212 21:19:33	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		28160:14:003F	02-212/09:32:36	1ECa
685	212 21:23:33	31			AC7PAR	(7014 764220) PARAMETER LOAD	AACS		28160:19:004F	02-212/09:36:36	1ECa
686	212 21:31:33	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		28160:29:004F	02-212/09:44:36	1ECa
687	212 21:35:32	31	63	OPCH 63		ASCAL ===== END PITCH DRIFT TURNS					1TD
688	212 21:35:33	31			AC7PAR	(7014 000000) PARAMETER LOAD	AACS		28160:34:003F	02-212/09:48:36	1ECa
689	212 21:35:34	31				END THIRD PITCH DRIFT TURN			28160:34:018F	02-212/09:48:36	1T
690	212 21:37:09	31			CC7SS	(1) SS SEARCH ENABLE	AACS		28160:36:001F	02-212/09:50:11	1ECa
691	212 21:37:09	31				AACS STATUS MODE : RAI GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS	28160:36:001F	02-212/09:50:11	1ESa	





FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
709	212 21:42:45	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	28160:43:001F	02-212/09:55:47	1ESf
710	212 21:42:45	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		28160:43:002F	02-212/09:55:48	1ECs
711	212 21:48:21	31				B- YAWDB			28160:50:001F	02-212/10:01:23	1TB
712	212 21:48:21	31				YAWDB - .10			28160:50:001F	02-212/10:01:23	1T
713	212 21:48:21	31				B- ROLLDB			28160:50:001F	02-212/10:01:23	1TB
714	212 21:48:21	31				ROLLDB - .25			28160:50:001F	02-212/10:01:23	1T
715	212 21:48:21	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		28160:50:004F	02-212/10:01:24	1ECa
716	212 21:48:21	31			AC7PAR	(6742 004540) +ROLL DB=.25 DEG	AACS		28160:50:006F	02-212/10:01:24	1ECa
717	212 21:48:22	31	63	OPCH 63		END ASCAL					1TD
718	212 21:49:09	31				B- MISCMD			28160:51:001F	02-212/10:02:11	1TB
719	212 21:49:09	31				MISCMD - RESTART GYRO FAULT TEST			28160:51:001F	02-212/10:02:11	1T
720	212 21:49:09	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		28160:51:002F	02-212/10:02:12	1ECa
721	212 22:24:50	31	10RISE			10 DEGREE RISE DSC-10					1V
722	212 22:47:33	31				B- UVSLEW			28162:04:001F	02-212/11:00:35	1TB
723	212 22:47:33	31				SLEW TO HELIO-11B			28162:04:001F	02-212/11:00:35	1T
724	212 22:47:33	31				B- PLATPOB			28162:04:001F	02-212/11:00:35	1TB
725	212 22:47:33	31			AC7SPK	(2 12 2 098 079) AZ SLEW R=LOW	AACS		28162:04:003F	02-212/11:00:36	1ECa
726	212 22:47:33	31			AC7SPK	(1 12 2 068 132) EL SLEW R=LOW	AACS		28162:04:005F	02-212/11:00:36	1ECa
727	212 23:14:11	31				B- SLEND			28162:37:234F	02-212/11:27:13	1TB

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
728	212 23:14:11	31			SLEWEND	AZ=125.000 EL=176.032 CO=170.252			28162:37:234F	02-212/11:27:13	1T
729	213 00:00:00	31				VGR-31 OWLT IS 11H 46M 58S					1L
730	213 00:50:00	31	15	AO	OPCH ACE	AOS DSS-15 PASS-9121 (D/L ONLY)					1DP
731	213 01:10:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-9120					1DP
732	213 02:28:40	31	60	SET		10 DEGREE SET DSC-60					1V
733	213 05:52:58	31	40	RISE		10 DEGREE RISE DSC-40					1V
734	213 08:50:00	31	15	LO	OPCH ACE	LOS DSS-15 PASS-9121					1DP
735	213 09:54:32	31	10	SET		10 DEGREE SET DSC-10					1V
736	213 12:00:00	31				VGR-31 OWLT IS 11H 47M 03S					1L
737	213 14:48:00	31	60	RISE		10 DEGREE RISE DSC-60					1V
738	213 14:57:19	31	40	SET		10 DEGREE SET DSC-40					1V
739	213 15:55:00	31	65	AO	OPCH ACE	AOS DSS-65 PASS-9121 (D/L ONLY)					1DP
740	213 22:20:54	31	10	RISE		10 DEGREE RISE DSC-10					1V
741	213 22:47:44	31				B- UVSLEW			28192:04:001F	02-213/11:00:35	1TB
742	213 22:47:44	31				SLEW TO HELIO-12B			28192:04:001F	02-213/11:00:35	1T
743	213 22:47:44	31				B- PLATPOA			28192:04:001F	02-213/11:00:35	1TB
744	213 22:47:44	31			AC7SPK	(1 12 1 076 107) EL SLEW R=LOW	AACS		28192:04:003F	02-213/11:00:36	1ECa
745	213 22:50:03	31				B- SLEND			28192:06:718F	02-213/11:02:54	1TB
746	213 22:50:03	31			SLEWEND	AZ=125.000 EL=165.546 CO=160.455			28192:06:718F	02-213/11:02:54	1T
747	213 23:00:00	31	63	AO	OPCH ACE	AOS DSS-63 PASS-9121 (D/L ONLY)					1DP
748	213 23:20:00	31	65	LO	OPCH ACE	LOS DSS-65 PASS-9121					1DP
749	214 00:00:00	31				VGR-31 OWLT IS 11H 47M 09S					1L
750	214 02:10:00	31	15	AO	OPCH ACE	AOS DSS-15 PASS-9122 (D/L ONLY)					1DP





FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
779	214 17:41:29	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		28215:41:002F	02-214/05:54:12	1ECs
780	214 17:41:30	31				B- DRCRUS			28215:41:018F	02-214/05:54:12	1TB
781	214 17:41:30	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		28215:41:026F	02-214/05:54:13	1ECF
782	214 17:42:17	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	28215:42:001F	02-214/05:54:59	1ESF
783	214 17:42:17	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		28215:42:002F	02-214/05:55:00	1ECd
784	214 17:42:17	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:1462	DTR		28215:42:002F	02-214/05:55:00	1ESd
785	214 17:42:17	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		28215:42:002F	02-214/05:55:00	1ECs
786	214 17:43:05	31			SC32AJ	(11) PLS CONFIG CMD	FDS		28215:43:009F	02-214/05:55:48	1ECf
787	214 17:43:06	31				END PWSREC.31			28215:43:018F	02-214/05:55:48	1T
788	214 19:48:42	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		28218:20:002F	02-214/08:01:24	1ECd
789	214 19:48:42	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:1456	DTR		28218:20:002F	02-214/08:01:24	1ESd
790	214 19:50:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9122 (U/L PASS)					1DP





FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
825	215 02:21:58	31				AACS STATUS MODE : AAI GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		28226:31:419F	02-214/14:34:37	1ESa
826	215 02:21:58	31			CC7GCRP	GYRO C OFF	PWR		28226:31:420F	02-214/14:34:37	1ECp
827	215 02:21:58	31			CC7GCRP	GYRO C OFF	PWR		28226:31:422F	02-214/14:34:37	1ECp
828	215 02:21:58	31			CC7PC	(372) GYRO C OFF	AACS		28226:31:424F	02-214/14:34:37	1ECa
829	215 02:21:58	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		28226:31:425F	02-214/14:34:37	1ECp
830	215 02:21:58	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		28226:31:427F	02-214/14:34:37	1ECp
831	215 02:21:59	31			CC7PC	(312) DUMMY PWR CMD	AACS		28226:31:429F	02-214/14:34:37	1ECa
832	215 02:24:58	31			AC7TCD	(322 033605) TURN COMMAND AXIS=ROLL POL=NEG RNG SCALE=X10	AACS		28226:35:220F	02-214/14:37:37	1ECa
833	215 05:45:01	31	40RISE			10 DEGREE RISE DSC-40					1V
834	215 06:53:12	31			SC32AJ	(10) PLS CONFIG CMD	FDS		28232:10:426F	02-214/19:05:49	1ECf
835	215 07:26:43	31			SC32AJ	(11) PLS CONFIG CMD	FDS		28232:52:342F	02-214/19:39:20	1ECf
836	215 08:03:03	31			CC7PC	(345) CMDED TURN COMPLETE	AACS		28233:37:670F	02-214/20:15:40	1ECa
837	215 08:03:04	31				ROLL TURN COMPLETE (NOMINAL)			28233:37:684F	02-214/20:15:40	1T
838	215 08:04:00	31			SC32AJ	(11) PLS CONFIG CMD	FDS		28233:39:026F	02-214/20:16:37	1ECf
839	215 08:13:00	31				RESET CALIB			28233:50:218F	02-214/20:25:36	1T
840	215 08:13:00	31			AC7PAR	(7530 000000) PARAMETER LOAD	AACS		28233:50:220F	02-214/20:25:37	1ECa
841	215 08:13:30	31			CC7SS	(1) SS SEARCH ENABLE	AACS		28233:50:719F	02-214/20:26:07	1ECa
842	215 08:13:30	31				AACS STATUS MODE : RAI GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		28233:50:719F	02-214/20:26:07	1ESa



FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
843	215 08:13:30	31			CC7PC	(327) IDET ACQUIRED	AACS		28233:50:719F	02-214/20:26:07	1ECa
844	215 08:13:30	31			CC7GCRP	GYRO C OFF	PWR		28233:50:720F	02-214/20:26:07	1ECp
845	215 08:13:30	31			CC7GCRP	GYRO C OFF	PWR		28233:50:722F	02-214/20:26:07	1ECp
846	215 08:13:30	31			CC7PC	(372) GYRO C OFF	AACS		28233:50:724F	02-214/20:26:07	1ECa
847	215 08:13:30	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		28233:50:725F	02-214/20:26:07	1ECp
848	215 08:13:30	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		28233:50:727F	02-214/20:26:07	1ECp
849	215 08:13:31	31			CC7PC	(312) DUMMY PWR CMD	AACS		28233:50:729F	02-214/20:26:07	1ECa
850	215 08:19:30	31			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		28233:58:319F	02-214/20:32:07	1ECa
851	215 08:20:35	31				GYROS OFF			28233:59:601F	02-214/20:33:11	1T
852	215 08:20:35	31					AACS		28233:59:602F	02-214/20:33:12	1ESa
						AACS STATUS MODE : CRU GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF					
853	215 08:20:35	31			CC7PC	(307) STAR ACQUIRED	AACS		28233:59:602F	02-214/20:33:12	1ECa
854	215 08:20:35	31			CC7GCRP	GYRO C OFF	PWR		28233:59:603F	02-214/20:33:12	1ECp
855	215 08:20:35	31			CC7GCRP	GYRO C OFF	PWR		28233:59:605F	02-214/20:33:12	1ECp
856	215 08:20:35	31			CC7PC	(372) GYRO C OFF	AACS		28233:59:607F	02-214/20:33:12	1ECa
857	215 08:20:35	31			CC7GBRP	GYRO B OFF	PWR		28233:59:608F	02-214/20:33:12	1ECp
858	215 08:20:35	31					AACS		28233:59:608F	02-214/20:33:12	1ESa
						AACS STATUS MODE : CRU GYRO A: ON HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF					
859	215 08:20:35	31			CC7GBRP	GYRO B OFF	PWR		28233:59:610F	02-214/20:33:12	1ECp
860	215 08:20:36	31			CC7PC	(362) GYRO B OFF	AACS		28233:59:612F	02-214/20:33:12	1ECa

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
861	215 08:20:36	31			CC7GARP	GYRO A OFF	PWR		28233:59:613F	02-214/20:33:12	1ECp
862	215 08:20:36	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS		28233:59:613F	02-214/20:33:12	1ESa
863	215 08:20:36	31			CC7GARP	GYRO A OFF	PWR		28233:59:615F	02-214/20:33:12	1ECp
864	215 08:20:36	31			CC7PC	(352) GYRO A OFF	AACS		28233:59:617F	02-214/20:33:12	1ECa
865	215 08:20:36	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		28233:59:617F	02-214/20:33:12	1ECp
866	215 08:20:36	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		28233:59:619F	02-214/20:33:13	1ECp
867	215 08:20:36	31			CC7PC	(312) DUMMY PWR CMD	AACS		28233:59:622F	02-214/20:33:13	1ECa
868	215 08:27:47	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
869	215 08:27:47	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
870	215 08:29:00	31				B- YAWDB			28234:10:218F	02-214/20:41:36	1TB
871	215 08:29:00	31				YAWDB - .10			28234:10:218F	02-214/20:41:36	1T
872	215 08:29:00	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		28234:10:221F	02-214/20:41:37	1ECa
873	215 08:32:00	31				B- DRCSR			28234:14:018F	02-214/20:44:36	1TB
874	215 08:32:00	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		28234:14:026F	02-214/20:44:37	1ECf
875	215 08:32:47	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	28234:15:001F	02-214/20:45:23	1ESf

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
876	215 08:32:47	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		28234:15:002F	02-214/20:45:23	1ECs
877	215 08:32:48	31				END MAGROLAB31			28234:15:018F	02-214/20:45:24	1T
878	215 08:40:00	31	45 AO	OPCH ACE		AOS DSS-45 PASS-9123 (D/L ONLY)					1DP
879	215 09:00:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9123					1DP
880	215 09:12:36	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN D/L CARRIER SIG LEVEL					11EC
881	215 09:17:36	31				X BAND LOW POWER			28235:11:001F	02-214/21:30:11	1T
882	215 09:17:36	31			DC2HR	X-BAND TWT LOW POWER	RFS		28235:11:002F	02-214/21:30:11	1ECr
883	215 09:21:36	31			CC1T	BAY 1 HTR ON	PWR		28235:16:002F	02-214/21:34:12	1ECp
884	215 09:21:37	31				END XHIPWR31			28235:16:018F	02-214/21:34:12	1T
885	215 09:46:36	31	10 SET			10 DEGREE SET DSC-10					1V
886	215 11:45:00	31	45 LO	OPCH ACE		LOS DSS-45 PASS-9123					1DP
887	215 12:00:00	31				VGR-31 OWLT IS 11H 47M 25S					1L
888	215 14:40:08	31	60RISE			10 DEGREE RISE DSC-60					1V
889	215 14:49:27	31	40 SET			10 DEGREE SET DSC-40					1V
890	215 15:50:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9123 (D/L ONLY)					1DP
891	215 19:35:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9123					1DP
892	215 22:13:01	31	10RISE			10 DEGREE RISE DSC-10					1V
893	215 22:48:06	31				B- UVSLEW			28252:04:001F	02-215/11:00:35	1TB
894	215 22:48:06	31				SLEW TO HELIO-14B			28252:04:001F	02-215/11:00:35	1T
895	215 22:48:06	31				B- PLATPOA			28252:04:001F	02-215/11:00:35	1TB
896	215 22:48:06	31			AC7SPK	(1 12 2 090 170) EL SLEW R=LOW	AACS		28252:04:003F	02-215/11:00:36	1ECa

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
897	215 22:50:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9123 (D/L ONLY)					1DP
898	215 22:50:02	31				B- SLEND			28252:06:334F	02-215/11:02:31	1TB
899	215 22:50:02	31			SLEWEND	AZ=125.000 EL=145.017 CO=140.301			28252:06:334F	02-215/11:02:31	1T
900	216 00:00:00	31				VGR-31 OWLT IS 11H 47M 30S					1L
901	216 02:15:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9123					1DP
902	216 02:16:45	31	60 SET			10 DEGREE SET DSC-60					1V
903	216 03:00:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9124 (D/L ONLY)					1DP
904	216 05:41:03	31	40RISE			10 DEGREE RISE DSC-40					1V
905	216 07:43:22	31			AC7SSB	(3 +011) SS BIAS CONTROL - PITCH	AACS		28263:13:003F	02-215/19:55:48	1ECa
906	216 08:40:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9124					1DP
907	216 09:42:38	31	10 SET			10 DEGREE SET DSC-10					1V
908	216 12:00:00	31				VGR-31 OWLT IS 11H 47M 36S					1L
909	216 14:36:12	31	60RISE			10 DEGREE RISE DSC-60					1V
910	216 14:45:30	31	40 SET			10 DEGREE SET DSC-40					1V
911	216 15:55:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9124 (D/L ONLY)					1DP
912	216 19:30:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9124 (D/L ONLY)					1DP
913	216 19:50:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9124					1DP
914	216 22:09:04	31	10RISE			10 DEGREE RISE DSC-10					1V
915	216 22:48:17	31				B- UVSLEW			28282:04:001F	02-216/11:00:35	1TB
916	216 22:48:17	31				SLEW TO HELIO-15B			28282:04:001F	02-216/11:00:35	1T
917	216 22:48:17	31				B- PLATPOA			28282:04:001F	02-216/11:00:35	1TB
918	216 22:48:17	31			AC7SPK	(1 12 1 097 119) EL SLEW R=LOW	AACS		28282:04:003F	02-216/11:00:36	1ECa
919	216 22:50:22	31				B- SLEND			28282:06:484F	02-216/11:02:40	1TB

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
920	216 22:50:22	31			SLEWEND	AZ=125.000 EL=135.219 CO=130.599			28282:06:484F	02-216/11:02:40	1T
921	217 00:00:00	31				VGR-31 OWLT IS 11H 47M 41S					1L
922	217 01:55:00	31	15	AO	OPCH ACE	AOS DSS-15 PASS-9125 (D/L ONLY)					1DP
923	217 02:12:47	31	60	SET		10 DEGREE SET DSC-60					1V
924	217 02:15:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-9124					1DP
925	217 05:37:05	31	40	RISE		10 DEGREE RISE DSC-40					1V
926	217 08:35:00	31	15	LO	OPCH ACE	LOS DSS-15 PASS-9125					1DP
927	217 09:38:40	31	10	SET		10 DEGREE SET DSC-10					1V
928	217 12:00:00	31				VGR-31 OWLT IS 11H 47M 47S					1L
929	217 14:32:15	31	60	RISE		10 DEGREE RISE DSC-60					1V
930	217 14:41:34	31	40	SET		10 DEGREE SET DSC-40					1V
931	217 22:05:08	31	10	RISE		10 DEGREE RISE DSC-10					1V
932	217 22:45:00	31	63	AO	OPCH ACE	AOS DSS-63 PASS-9125 (D/L ONLY)					1DP
933	217 22:48:28	31				B- UVSLEW			28312:04:001F	02-217/11:00:35	1TB
934	217 22:48:28	31				SLEW TO HELIO-16B			28312:04:001F	02-217/11:00:35	1T
935	217 22:48:28	31				B- PLATPOA			28312:04:001F	02-217/11:00:35	1TB
936	217 22:48:28	31			AC7SPK	(1 12 2 111 206) EL SLEW R=LOW	AACS		28312:04:003F	02-217/11:00:36	1ECa
937	217 22:52:51	31				B- SLEND			28312:09:384F	02-217/11:04:58	1TB
938	217 22:52:51	31			SLEWEND	AZ=125.000 EL=114.058 CO=109.516			28312:09:384F	02-217/11:04:58	1T
939	218 00:00:00	31				VGR-31 OWLT IS 11H 47M 52S					1L
940	218 01:35:00	31	63		OPCH 63	== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==					1TD

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
941	218 01:35:00	31	63	OPCH 63		== TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL)					1TD
942	218 01:36:00	31	63	OPCH 63		== TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN					1TD
943	218 01:37:00	31	63	OPCH 63		== TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) ==					1TD
944	218 01:50:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9126 (D/L ONLY)					1DP
945	218 02:02:00	31	63	OPCH 63		== END TLC TEST UP-LINK == == TURN TRANSMITTER OFF == TUNE TO TSF @ 48 HZ/SEC (S-BAND)					1TD
946	218 02:08:49	31	60 SET			10 DEGREE SET DSC-60					1V
947	218 02:10:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9125					1DP
948	218 05:33:07	31	40RISE			10 DEGREE RISE DSC-40					1V
949	218 08:50:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9126					1DP
950	218 09:34:42	31	10 SET			10 DEGREE SET DSC-10					1V
951	218 11:13:10	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
952	218 11:13:10	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
953	218 11:13:58	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF



FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
965	218 11:18:11	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		28327:41:026F	02-217/23:30:13	1ECf
966	218 11:18:58	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	28327:42:001F	02-217/23:30:59	1ESf
967	218 11:18:58	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		28327:42:002F	02-217/23:31:00	1ECd
968	218 11:18:58	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:0556	DTR		28327:42:002F	02-217/23:31:00	1ESd
969	218 11:18:58	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		28327:42:002F	02-217/23:31:00	1ECs
970	218 11:19:46	31			SC32AJ	(11) PLS CONFIG CMD	FDS		28327:43:010F	02-217/23:31:48	1ECf
971	218 11:19:47	31				END PWSREC.31			28327:43:018F	02-217/23:31:48	1T
972	218 12:00:00	31				VGR-31 OWLT IS 11H 47M 58S					1L
973	218 14:28:19	31	60RISE			10 DEGREE RISE DSC-60					1V
974	218 14:37:38	31	40 SET			10 DEGREE SET DSC-40					1V
975	218 15:35:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9126 (D/L ONLY)					1DP
976	218 22:01:11	31	10RISE			10 DEGREE RISE DSC-10					1V
977	218 22:48:39	31				B- UVSLEW			28342:04:001F	02-218/11:00:35	1TB
978	218 22:48:39	31				SLEW TO HELIO-17B			28342:04:001F	02-218/11:00:35	1T
979	218 22:48:39	31				B- PLATPOA			28342:04:001F	02-218/11:00:35	1TB
980	218 22:48:39	31			AC7SPK	(1 12 1 127 093) EL SLEW R=LOW	AACS		28342:04:003F	02-218/11:00:36	1ECa



FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
981	218 22:53:24	31				B- SLEND			28342:09:751F	02-218/11:05:20	1TB
982	218 22:53:24	31			SLEWEND	AZ=125.000 EL=91.051 CO=86.592			28342:09:751F	02-218/11:05:20	1T
983	219 00:00:00	31				VGR-31 OWLT IS 11H 48M 04S					1L
984	219 01:00:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9127 (D/L ONLY)					1DP
985	219 01:08:40	31				B- RFSTLC			28344:59:001F	02-218/13:20:35	1TB
986	219 01:20:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9126					1DP
987	219 01:38:02	31	25	OPCH 25		== START TLC TEST DOWN-LINK ==					1TD
988	219 02:04:51	31	60 SET			10 DEGREE SET DSC-60					1V
989	219 02:39:02	31	25	OPCH 25		== END TLC TEST DOWN-LINK ==					1TD
990	219 05:29:09	31	40RISE			10 DEGREE RISE DSC-40					1V
991	219 08:30:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9127					1DP
992	219 09:30:44	31	10 SET			10 DEGREE SET DSC-10					1V
993	219 12:00:00	31				VGR-31 OWLT IS 11H 48M 09S					1L
994	219 14:24:23	31	60RISE			10 DEGREE RISE DSC-60					1V
995	219 14:33:42	31	40 SET			10 DEGREE SET DSC-40					1V
996	219 15:30:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9127 (D/L ONLY)					1DP
997	219 21:57:15	31	10RISE			10 DEGREE RISE DSC-10					1V
998	219 22:48:50	31				B- UVSLEW			28372:04:001F	02-219/11:00:35	1TB
999	219 22:48:50	31				SLEW TO HELIO-18B			28372:04:001F	02-219/11:00:35	1T
1000	219 22:48:50	31				B- PLATPOA			28372:04:001F	02-219/11:00:35	1TB
1001	219 22:48:50	31			AC7SPK	(1 12 2 141 138) EL SLEW R=LOW	AACS		28372:04:003F	02-219/11:00:36	1ECa

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1002	219 22:52:59	31				B- SLEND			28372:09:151F	02-219/11:04:44	1TB
1003	219 22:52:59	31			SLEWEND	AZ=125.000 EL=71.042 CO=66.680			28372:09:151F	02-219/11:04:44	1T
1004	219 23:55:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9128 (D/L ONLY)					1DP
1005	220 00:00:00	31				VGR-31 OWLT IS 11H 48M 15S					1L
1006	220 00:15:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9127					1DP
1007	220 02:00:53	31	60 SET			10 DEGREE SET DSC-60					1V
1008	220 05:25:10	31	40RISE			10 DEGREE RISE DSC-40					1V
1009	220 08:25:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9128					1DP
1010	220 09:26:46	31	10 SET			10 DEGREE SET DSC-10					1V
1011	220 12:00:00	31				VGR-31 OWLT IS 11H 48M 20S					1L
1012	220 14:20:27	31	60RISE			10 DEGREE RISE DSC-60					1V
1013	220 14:29:46	31	40 SET			10 DEGREE SET DSC-40					1V
1014	220 16:48:59	31			AC7SSB	(3 +012) SS BIAS CONTROL - PITCH	AACS		28394:34:003F	02-220/05:00:36	1ECa
1015	220 19:35:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9128 (U/L PASS)					1DP
1016	220 21:53:19	31	10RISE			10 DEGREE RISE DSC-10					1V
1017	220 22:49:01	31				B- UVSLEW			28402:04:001F	02-220/11:00:35	1TB
1018	220 22:49:01	31				SLEW TO HELIO-19B			28402:04:001F	02-220/11:00:35	1T
1019	220 22:49:01	31				B- PLATPOA			28402:04:001F	02-220/11:00:35	1TB
1020	220 22:49:01	31			AC7SPK	(1 12 2 157 158) EL SLEW R=LOW	AACS		28402:04:003F	02-220/11:00:36	1ECa
1021	220 22:53:46	31				B- SLEND			28402:09:751F	02-220/11:05:20	1TB
1022	220 22:53:46	31			SLEWEND	AZ=125.000 EL=48.031 CO=43.814			28402:09:751F	02-220/11:05:20	1T
1023	221 00:00:00	31				VGR-31 OWLT IS 11H 48M 26S					1L
1024	221 01:40:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9129 (D/L ONLY)					1DP





FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1054	221 17:18:46	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		28425:11:002F	02-221/05:30:12	1ECs
1055	221 17:18:47	31				B- DRCRUS			28425:11:018F	02-221/05:30:12	1TB
1056	221 17:18:47	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		28425:11:026F	02-221/05:30:13	1ECF
1057	221 17:19:34	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	28425:12:001F	02-221/05:30:59	1ESF
1058	221 17:19:34	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		28425:12:002F	02-221/05:31:00	1ECd
1059	221 17:19:34	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:1163	DTR		28425:12:002F	02-221/05:31:00	1ESd
1060	221 17:19:34	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		28425:12:002F	02-221/05:31:00	1ECs
1061	221 17:20:22	31			SC32AJ	(11) PLS CONFIG CMD	FDS		28425:13:009F	02-221/05:31:48	1ECf
1062	221 17:20:23	31				END PWSREC.31			28425:13:018F	02-221/05:31:48	1T
1063	221 19:25:59	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		28427:50:002F	02-221/07:37:24	1ECd
1064	221 19:25:59	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:1157	DTR		28427:50:002F	02-221/07:37:24	1ESd
1065	221 19:54:06	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		28428:25:111F	02-221/08:05:30	1ECd

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1066	221 19:54:06	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:0549	DTR		28428:25:111F	02-221/08:05:30	1ESd
1067	221 21:49:23	31	10RISE			10 DEGREE RISE DSC-10					1V
1068	221 22:26:00	31			CC16C	(7024) DTR STATE SELECT: READY	DTR		28431:35:002F	02-221/10:37:24	1ECd
1069	221 22:26:00	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:0549	DTR		28431:35:002F	02-221/10:37:24	1ESd
1070	221 22:49:13	31				B- UVSLEW			28432:04:001F	02-221/11:00:35	1TB
1071	221 22:49:13	31				SLEW TO HELIO-20B			28432:04:001F	02-221/11:00:35	1T
1072	221 22:49:13	31				B- PLATPOA			28432:04:001F	02-221/11:00:35	1TB
1073	221 22:49:13	31			AC7SPK	(1 12 2 173 176) EL SLEW R=LOW	AACS		28432:04:003F	02-221/11:00:36	1ECa
1074	221 22:53:58	31				B- SLEND			28432:09:751F	02-221/11:05:20	1TB
1075	221 22:53:58	31			SLEWEND	AZ=125.000 EL=25.026 CO=21.141			28432:09:751F	02-221/11:05:20	1T
1076	221 23:30:00	31	25	AO	OPCH ACE	AOS DSS-25 PASS-9130 (D/L ONLY)					1DP
1077	221 23:50:00	31	65	LO	OPCH ACE	LOS DSS-65 PASS-9129					1DP
1078	222 00:00:00	31				VGR-31 OWLT IS 11H 48M 37S					1L
1079	222 01:52:57	31	60	SET		10 DEGREE SET DSC-60					1V
1080	222 03:10:00	31	15	AO	OPCH ACE	AOS DSS-15 PASS-9130 (D/L ONLY)					1DP
1081	222 03:30:00	31	25	LO	OPCH ACE	LOS DSS-25 PASS-9130					1DP
1082	222 05:17:14	31	40RISE			10 DEGREE RISE DSC-40					1V
1083	222 08:15:00	31	15	LO	OPCH ACE	LOS DSS-15 PASS-9130					1DP
1084	222 09:18:50	31	10	SET		10 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1085	222 12:00:00	31				VGR-31 OWLT IS 11H 48M 43S					1L
1086	222 14:12:35	31	60RISE			10 DEGREE RISE DSC-60					1V
1087	222 14:21:54	31	40 SET			10 DEGREE SET DSC-40					1V
1088	222 21:45:27	31	10RISE			10 DEGREE RISE DSC-10					1V
1089	222 22:45:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9130 (D/L ONLY)					1DP
1090	223 00:00:00	31				VGR-31 OWLT IS 11H 48M 48S					1L
1091	223 01:35:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9131 (D/L ONLY)					1DP
1092	223 01:48:59	31	60 SET			10 DEGREE SET DSC-60					1V
1093	223 01:55:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9130					1DP
1094	223 05:13:16	31	40RISE			10 DEGREE RISE DSC-40					1V
1095	223 08:20:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9131					1DP
1096	223 09:14:52	31	10 SET			10 DEGREE SET DSC-10					1V
1097	223 12:00:00	31				VGR-31 OWLT IS 11H 48M 54S					1L
1098	223 14:08:39	31	60RISE			10 DEGREE RISE DSC-60					1V
1099	223 14:17:58	31	40 SET			10 DEGREE SET DSC-40					1V
1100	223 15:15:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9131 (D/L ONLY)					1DP
1101	223 21:41:31	31	10RISE			10 DEGREE RISE DSC-10					1V
1102	223 22:50:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9132 (D/L ONLY)					1DP
1103	223 23:10:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9131					1DP
1104	224 00:00:00	31				VGR-31 OWLT IS 11H 49M 00S					1L
1105	224 01:45:01	31	60 SET			10 DEGREE SET DSC-60					1V
1106	224 05:09:18	31	40RISE			10 DEGREE RISE DSC-40					1V
1107	224 08:15:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9132					1DP

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1108	224 09:10:54	31	10	SET		10 DEGREE SET DSC-10					1V
1109	224 12:00:00	31				VGR-31 OWLT IS 11H 49M 06S					1L
1110	224 14:04:43	31	60	RISE		10 DEGREE RISE DSC-60					1V
1111	224 14:14:02	31	40	SET		10 DEGREE SET DSC-40					1V
1112	224 19:30:00	31	63	AO	OPCH ACE	AOS DSS-63 PASS-9132 (D/L ONLY)					1DP
1113	224 21:37:35	31	10	RISE		10 DEGREE RISE DSC-10					1V
1114	225 00:00:00	31				VGR-31 OWLT IS 11H 49M 11S					1L
1115	225 01:20:00	31	15	AO	OPCH ACE	AOS DSS-15 PASS-9133 (D/L ONLY)					1DP
1116	225 01:41:03	31	60	SET		10 DEGREE SET DSC-60					1V
1117	225 01:45:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-9132					1DP
1118	225 01:54:36	31			AC7SSB	(3 +013) SS BIAS CONTROL - PITCH	AACS		28525:55:003F	02-224/14:05:24	1ECa
1119	225 05:05:20	31	40	RISE		10 DEGREE RISE DSC-40					1V
1120	225 05:14:38	31			AC7SSB	(4 +139) SS BIAS CONTROL --- YAW	AACS		28530:05:003F	02-224/17:25:24	1ECa
1121	225 06:30:00	31	43	AO	OPCH ACE	AOS DSS-43 PASS-9133 (D/L ONLY)					1DP
1122	225 06:50:00	31	15	LO	OPCH ACE	LOS DSS-15 PASS-9133					1DP
1123	225 09:06:57	31	10	SET		10 DEGREE SET DSC-10					1V
1124	225 09:50:00	31	43		OPCH 43	== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==					1TD
1125	225 09:50:00	31	43		OPCH 43	== TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL)					1TD





FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1138	225 10:54:40	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		28537:10:009F	02-224/23:05:24	1ECf
1139	225 10:55:24	31				BEGIN RECORDING PWS DATA			28537:10:734F	02-224/23:06:07	1T
1140	225 10:55:24	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		28537:10:735F	02-224/23:06:08	1ECd
1141	225 10:55:24	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:4 TIC:0549	DTR		28537:10:735F	02-224/23:06:08	1ESd
1142	225 10:55:28	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	28537:11:001F	02-224/23:06:11	1ESf
1143	225 10:55:28	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		28537:11:002F	02-224/23:06:12	1ECs
1144	225 10:55:29	31				B- DRCRUS			28537:11:018F	02-224/23:06:12	1TB
1145	225 10:55:29	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		28537:11:026F	02-224/23:06:13	1ECf
1146	225 10:56:16	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	28537:12:001F	02-224/23:06:59	1ESf
1147	225 10:56:16	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		28537:12:002F	02-224/23:07:00	1ECd

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1148	225 10:56:16	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:0257	DTR		28537:12:002F	02-224/23:07:00	1ESd
1149	225 10:56:16	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		28537:12:002F	02-224/23:07:00	1ECs
1150	225 10:57:04	31			SC32AJ	(11) PLS CONFIG CMD	FDS		28537:13:010F	02-224/23:07:48	1ECF
1151	225 10:57:05	31				END PWSREC.31			28537:13:018F	02-224/23:07:48	1T
1152	225 11:07:29	31				B- DTRMA-2.31			28537:26:001F	02-224/23:18:11	1TB
1153	225 11:07:29	31				BEGIN DTRMA231			28537:26:001F	02-224/23:18:11	1T
1154	225 11:07:29	31			CC16C	(2217) DTR STATE SELECT: SLEW	DTR		28537:26:001F	02-224/23:18:11	1ECd
1155	225 11:07:29	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:7 TIC:0250	DTR		28537:26:001F	02-224/23:18:11	1ESd
1156	225 12:00:00	31				VGR-31 OWLT IS 11H 49M 17S					1L
1157	225 13:15:00	31	45 LO	OPCH ACE		LOS DSS-45 PASS-9133					1DP
1158	225 13:41:53	31			EOT	END OF TAPE			28540:38:790F	02-225/01:52:35	1Ed
1159	225 13:51:30	31			CC16C	(2228) DTR STATE SELECT: SLEW	DTR		28540:51:001F	02-225/02:02:11	1ECd
1160	225 13:51:30	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:8 TIC:3585	DTR		28540:51:001F	02-225/02:02:11	1ESd
1161	225 13:51:30	31			EOT	END OF TAPE			28540:51:010F	02-225/02:02:12	1Ed
1162	225 14:00:48	31	60RISE			10 DEGREE RISE DSC-60					1V
1163	225 14:10:06	31	40 SET			10 DEGREE SET DSC-40					1V





FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1194	226 06:06:50	31				END PESCAL			28561:10:001F	02-225/18:17:23	1T
1195	226 06:06:50	31				B- DRCSR			28561:10:001F	02-225/18:17:23	1TB
1196	226 06:06:50	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		28561:10:010F	02-225/18:17:24	1ECf
1197	226 06:07:38	31		ACE	OPCH		FDS	CR-5T	28561:11:001F	02-225/18:18:11	1ESf
						FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11					
1198	226 06:07:38	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		28561:11:002F	02-225/18:18:11	1ECs
1199	226 06:07:39	31				END PMPCALLR			28561:11:018F	02-225/18:18:12	1T
1200	226 07:40:00	31	45	AO	OPCH ACE	AOS DSS-45 PASS-9134 (D/L ONLY)					1DP
1201	226 08:00:00	31	25	LO	OPCH ACE	LOS DSS-25 PASS-9134					1DP
1202	226 09:02:59	31	10	SET		10 DEGREE SET DSC-10					1V
1203	226 09:25:15	31				B- RFSTLC			28565:18:001F	02-225/21:35:47	1TB
1204	226 09:55:48	31	45		OPCH 45						1TD
						== START TLC TEST DOWN-LINK ==					
1205	226 10:56:48	31	45		OPCH 45						1TD
						== END TLC TEST DOWN-LINK ==					
1206	226 12:00:00	31				VGR-31 OWLT IS 11H 49M 28S					1L
1207	226 13:10:00	31	45	LO	OPCH ACE	LOS DSS-45 PASS-9134					1DP
1208	226 13:56:52	31	60	RISE		10 DEGREE RISE DSC-60					1V
1209	226 14:06:11	31	40	SET		10 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1210	226 19:30:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9134 (U/L PASS)					1DP
1211	226 21:29:43	31	10RISE			10 DEGREE RISE DSC-10					1V
1212	227 00:00:00	31				VGR-31 OWLT IS 11H 49M 34S					1L
1213	227 01:33:07	31	60 SET			10 DEGREE SET DSC-60					1V
1214	227 01:40:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9134					1DP
1215	227 02:35:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9135 (D/L ONLY)					1DP
1216	227 02:50:12	31				B- UVSLEW			28587:04:001F	02-226/15:00:35	1TB
1217	227 02:50:12	31				SLEW TO HELIO-19A			28587:04:001F	02-226/15:00:35	1T
1218	227 02:50:12	31				B- PLATPOA			28587:04:001F	02-226/15:00:35	1TB
1219	227 02:50:12	31			AC7SPK	(1 12 1 157 028) EL SLEW R=LOW	AACS		28587:04:003F	02-226/15:00:36	1ECa
1220	227 02:55:02	31				B- SLEND			28587:10:034F	02-226/15:05:25	1TB
1221	227 02:55:02	31			SLEWEND	AZ=125.000 EL=47.988 CO=43.867			28587:10:034F	02-226/15:05:25	1T
1222	227 04:57:24	31	40RISE			10 DEGREE RISE DSC-40					1V
1223	227 06:30:00	31	45 AO	OPCH ACE		AOS DSS-45 PASS-9135 (D/L ONLY)					1DP
1224	227 06:50:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9135					1DP
1225	227 08:59:01	31	10 SET			10 DEGREE SET DSC-10					1V
1226	227 12:00:00	31	45 LO	OPCH ACE		LOS DSS-45 PASS-9135					1DP
1227	227 12:00:00	31				VGR-31 OWLT IS 11H 49M 40S					1L
1228	227 13:52:56	31	60RISE			10 DEGREE RISE DSC-60					1V
1229	227 14:02:15	31	40 SET			10 DEGREE SET DSC-40					1V
1230	227 21:25:47	31	10RISE			10 DEGREE RISE DSC-10					1V
1231	227 23:20:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9136 (D/L ONLY)					1DP
1232	228 00:00:00	31				VGR-31 OWLT IS 11H 49M 46S					1L

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1233	228 01:29:09	31	60	SET		10 DEGREE SET DSC-60					1V
1234	228 02:50:23	31				B- UVSLEW			28617:04:001F	02-227/15:00:35	1TB
1235	228 02:50:23	31				SLEW TO HELIO-18A			28617:04:001F	02-227/15:00:35	1T
1236	228 02:50:23	31				B- PLATPOA			28617:04:001F	02-227/15:00:35	1TB
1237	228 02:50:23	31			AC7SPK	(1 12 2 141 140) EL SLEW R=LOW	AACS		28617:04:003F	02-227/15:00:36	1ECa
1238	228 02:55:08	31				B- SLEND			28617:09:751F	02-227/15:05:20	1TB
1239	228 02:55:08	31			SLEWEND	AZ=125.000 EL=70.985 CO=66.737			28617:09:751F	02-227/15:05:20	1T
1240	228 03:20:00	31	25	LO	OPCH ACE	LOS DSS-25 PASS-9136					1DP
1241	228 04:45:00	31	15	AO	OPCH ACE	AOS DSS-15 PASS-9136 (D/L ONLY)					1DP
1242	228 04:53:26	31	40	RISE		10 DEGREE RISE DSC-40					1V
1243	228 07:45:00	31	34	AO	OPCH ACE	AOS DSS-34 PASS-9136 (D/L ONLY)					1DP
1244	228 08:05:00	31	15	LO	OPCH ACE	LOS DSS-15 PASS-9136					1DP
1245	228 08:55:04	31	10	SET		10 DEGREE SET DSC-10					1V
1246	228 09:45:00	31	34	LO	OPCH ACE	LOS DSS-34 PASS-9136					1DP
1247	228 12:00:00	31				VGR-31 OWLT IS 11H 49M 51S					1L
1248	228 13:49:01	31	60	RISE		10 DEGREE RISE DSC-60					1V
1249	228 13:53:40	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		28630:53:002F	02-228/02:03:48	1ECd
1250	228 13:53:40	31					DTR		28630:53:002F	02-228/02:03:48	1ESd
						DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0250					
1251	228 13:58:20	31	40	SET		10 DEGREE SET DSC-40					1V
1252	228 14:35:43	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		28631:45:428F	02-228/02:45:49	1ECd





FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1266	228 16:56:02	31				BEGIN RECORDING PWS DATA			28634:40:734F	02-228/05:06:07	1T
1267	228 16:56:02	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		28634:40:735F	02-228/05:06:08	1ECd
1268	228 16:56:02	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:1158	DTR		28634:40:735F	02-228/05:06:08	1ESd
1269	228 16:56:06	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	28634:41:001F	02-228/05:06:11	1ESf
1270	228 16:56:06	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		28634:41:002F	02-228/05:06:12	1ECs
1271	228 16:56:07	31				B- DRCRUS			28634:41:018F	02-228/05:06:12	1TB
1272	228 16:56:07	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		28634:41:026F	02-228/05:06:13	1ECf
1273	228 16:56:54	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	28634:42:001F	02-228/05:06:59	1ESf
1274	228 16:56:54	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		28634:42:002F	02-228/05:07:00	1ECd
1275	228 16:56:54	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:0865	DTR		28634:42:002F	02-228/05:07:00	1ESd

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1276	228 16:56:54	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		28634:42:002F	02-228/05:07:00	1ECs
1277	228 16:57:42	31			SC32AJ	(11) PLS CONFIG CMD	FDS		28634:43:009F	02-228/05:07:48	1ECF
1278	228 16:57:43	31				END PWSREC.31			28634:43:018F	02-228/05:07:48	1T
1279	228 19:03:19	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		28637:20:002F	02-228/07:13:24	1ECd
1280	228 19:03:19	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:0859	DTR		28637:20:002F	02-228/07:13:24	1ESd
1281	228 19:31:28	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		28637:55:158F	02-228/07:41:33	1ECd
1282	228 19:31:28	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:0250	DTR		28637:55:158F	02-228/07:41:33	1ESd
1283	228 21:21:51	31	10RISE			10 DEGREE RISE DSC-10					1V
1284	228 22:03:20	31			CC16C	(7015) DTR STATE SELECT: READY	DTR		28641:05:002F	02-228/10:13:24	1ECd
1285	228 22:03:20	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:0250	DTR		28641:05:002F	02-228/10:13:24	1ESd
1286	228 22:45:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9137 (D/L ONLY)					1DP
1287	229 00:00:00	31				VGR-31 OWLT IS 11H 49M 57S					1L
1288	229 01:25:11	31	60 SET			10 DEGREE SET DSC-60					1V
1289	229 02:50:35	31				B- UVSLEW			28647:04:001F	02-228/15:00:35	1TB
1290	229 02:50:35	31				SLEW TO HELIO-17A			28647:04:001F	02-228/15:00:35	1T
1291	229 02:50:35	31				B- PLATPOA			28647:04:001F	02-228/15:00:35	1TB

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1292	229 02:50:35	31			AC7SPK	(1 12 1 127 094) EL SLEW R=LOW	AACS		28647:04:003F	02-228/15:00:36	1ECa
1293	229 02:54:44	31				B- SLEND			28647:09:151F	02-228/15:04:44	1TB
1294	229 02:54:44	31			SLEWEND	AZ=125.000 EL=91.022 CO=86.675			28647:09:151F	02-228/15:04:44	1T
1295	229 04:49:29	31	40RISE			10 DEGREE RISE DSC-40					1V
1296	229 08:10:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9137					1DP
1297	229 08:51:06	31	10 SET			10 DEGREE SET DSC-10					1V
1298	229 12:00:00	31				VGR-31 OWLT IS 11H 50M 03S					1L
1299	229 13:45:05	31	60RISE			10 DEGREE RISE DSC-60					1V
1300	229 13:54:24	31	40 SET			10 DEGREE SET DSC-40					1V
1301	229 19:45:00	31	54 AO	OPCH ACE		AOS DSS-54 PASS-9137 (D/L ONLY)					1DP
1302	229 21:17:56	31	10RISE			10 DEGREE RISE DSC-10					1V
1303	229 23:00:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9138 (D/L ONLY)					1DP
1304	229 23:20:00	31	54 LO	OPCH ACE		LOS DSS-54 PASS-9137					1DP
1305	230 00:00:00	31				VGR-31 OWLT IS 11H 50M 09S					1L
1306	230 01:21:13	31	60 SET			10 DEGREE SET DSC-60					1V
1307	230 02:50:46	31				B- UVSLEW			28677:04:001F	02-229/15:00:35	1TB
1308	230 02:50:46	31				SLEW TO HELIO-16A			28677:04:001F	02-229/15:00:35	1T
1309	230 02:50:46	31				B- PLATPOA			28677:04:001F	02-229/15:00:35	1TB
1310	230 02:50:46	31			AC7SPK	(1 12 1 111 076) EL SLEW R=LOW	AACS		28677:04:003F	02-229/15:00:36	1ECa
1311	230 02:55:31	31				B- SLEND			28677:09:751F	02-229/15:05:20	1TB
1312	230 02:55:31	31			SLEWEND	AZ=125.000 EL=114.014 CO=109.583			28677:09:751F	02-229/15:05:20	1T
1313	230 04:45:31	31	40RISE			10 DEGREE RISE DSC-40					1V
1314	230 07:25:00	31	43 AO	OPCH ACE		AOS DSS-43 PASS-9138 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1315	230 07:45:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9138					1DP
1316	230 08:47:08	31	10 SET			10 DEGREE SET DSC-10					1V
1317	230 12:00:00	31				VGR-31 OWLT IS 11H 50M 15S					1L
1318	230 13:41:10	31	60RISE			10 DEGREE RISE DSC-60					1V
1319	230 13:50:00	31	43 LO	OPCH ACE		LOS DSS-43 PASS-9138					1DP
1320	230 13:50:29	31	40 SET			10 DEGREE SET DSC-40					1V
1321	230 19:05:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9138 (D/L ONLY)					1DP
1322	230 21:14:00	31	10RISE			10 DEGREE RISE DSC-10					1V
1323	231 00:00:00	31				VGR-31 OWLT IS 11H 50M 20S					1L
1324	231 01:10:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9139 (D/L ONLY)					1DP
1325	231 01:17:15	31	60 SET			10 DEGREE SET DSC-60					1V
1326	231 01:20:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9138					1DP
1327	231 02:50:58	31				B- UVSLEW			28707:04:001F	02-230/15:00:35	1TB
1328	231 02:50:58	31				SLEW TO HELIO-15A			28707:04:001F	02-230/15:00:35	1T
1329	231 02:50:58	31				B- PLATPOA			28707:04:001F	02-230/15:00:35	1TB
1330	231 02:50:58	31			AC7SPK	(1 12 1 096 127) EL SLEW R=LOW	AACS		28707:04:003F	02-230/15:00:36	1ECa
1331	231 02:55:19	31				B- SLEND			28707:09:351F	02-230/15:04:56	1TB
1332	231 02:55:19	31			SLEWEND	AZ=125.000 EL=134.993 CO=130.484			28707:09:351F	02-230/15:04:56	1T
1333	231 04:41:33	31	40RISE			10 DEGREE RISE DSC-40					1V
1334	231 07:30:00	31	43 AO	OPCH ACE		AOS DSS-43 PASS-9139 (D/L ONLY)					1DP
1335	231 07:50:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9139					1DP
1336	231 08:43:11	31	10 SET			10 DEGREE SET DSC-10					1V
1337	231 11:45:00	31	43 LO	OPCH ACE		LOS DSS-43 PASS-9139					1DP





FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1370	232 10:32:49	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		28746:41:002F	02-231/22:42:12	1ECs
1371	232 10:32:50	31				B- DRCRUS			28746:41:018F	02-231/22:42:12	1TB
1372	232 10:32:50	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		28746:41:026F	02-231/22:42:13	1ECF
1373	232 10:33:37	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	28746:42:001F	02-231/22:42:59	1ESF
1374	232 10:33:37	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		28746:42:002F	02-231/22:43:00	1ECd
1375	232 10:33:37	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:0543	DTR		28746:42:002F	02-231/22:43:00	1ESd
1376	232 10:33:37	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		28746:42:002F	02-231/22:43:00	1ECs
1377	232 10:34:25	31			SC32AJ	(11) PLS CONFIG CMD	FDS		28746:43:010F	02-231/22:43:48	1ECf
1378	232 10:34:26	31				END PWSREC.31			28746:43:018F	02-231/22:43:48	1T
1379	232 12:00:00	31				VGR-31 OWLT IS 11H 50M 38S					1L
1380	232 13:33:19	31	60RISE			10 DEGREE RISE DSC-60					1V
1381	232 13:40:00	31	43 LO	OPCH	ACE	LOS DSS-43 PASS-9140					1DP
1382	232 13:42:38	31	40 SET			10 DEGREE SET DSC-40					1V
1383	232 19:00:00	31	63 AO	OPCH	ACE	AOS DSS-63 PASS-9140 (D/L ONLY)					1DP



FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1384	232 21:06:09	31	10RISE			10 DEGREE RISE DSC-10					1V
1385	232 23:50:00	31	63	OPCH 63		== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==					1TD
1386	232 23:50:00	31	63	OPCH 63		== TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL)					1TD
1387	232 23:51:00	31	63	OPCH 63		== TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN					1TD
1388	232 23:52:00	31	63	OPCH 63		== TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) ==					1TD
1389	233 00:00:00	31				VGR-31 OWLT IS 11H 50M 44S					1L
1390	233 00:17:00	31	63	OPCH 63		== END TLC TEST UP-LINK == == TURN TRANSMITTER OFF == TUNE TO TSF @ 48 HZ/SEC (S-BAND)					1TD
1391	233 00:25:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9140					1DP
1392	233 01:09:20	31	60 SET			10 DEGREE SET DSC-60					1V
1393	233 02:10:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9141 (D/L ONLY)					1DP
1394	233 02:51:21	31				B- UVSLEW			28767:04:001F	02-232/15:00:35	1TB
1395	233 02:51:21	31				SLEW TO HELIO-13A			28767:04:001F	02-232/15:00:35	1T
1396	233 02:51:21	31				B- PLATPOA			28767:04:001F	02-232/15:00:35	1TB
1397	233 02:51:21	31			AC7SPK	(1 12 2 083 118) EL SLEW R=LOW	AACS		28767:04:003F	02-232/15:00:36	1ECa

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT 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	233 02:53:17	31				B- SLEND			28767:06:334F	02-232/15:02:31	1TB
1399	233 02:53:17	31			SLEWEND	AZ=125.000 EL=154.000 CO=149.336			28767:06:334F	02-232/15:02:31	1T
1400	233 04:33:37	31	40RISE			10 DEGREE RISE DSC-40					1V
1401	233 06:50:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9141					1DP
1402	233 08:35:16	31	10 SET			10 DEGREE SET DSC-10					1V
1403	233 12:00:00	31				VGR-31 OWLT IS 11H 50M 50S					1L
1404	233 13:29:23	31	60RISE			10 DEGREE RISE DSC-60					1V
1405	233 13:38:42	31	40 SET			10 DEGREE SET DSC-40					1V
1406	233 21:02:13	31	10RISE			10 DEGREE RISE DSC-10					1V
1407	233 22:20:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9142 (D/L ONLY)					1DP
1408	233 23:31:31	31				B- RFSTLC			28792:54:001F	02-233/11:40:35	1TB
1409	233 23:58:44	31	25	OPCH 25		== START TLC TEST DOWN-LINK ==					1TD
1410	234 00:00:00	31				VGR-31 OWLT IS 11H 50M 56S					1L
1411	234 00:59:44	31	25	OPCH 25		== END TLC TEST DOWN-LINK ==					1TD
1412	234 01:05:22	31	60 SET			10 DEGREE SET DSC-60					1V
1413	234 02:51:33	31				B- UVSLEW			28797:04:001F	02-233/15:00:35	1TB
1414	234 02:51:33	31				SLEW TO HELIO-12A			28797:04:001F	02-233/15:00:35	1T
1415	234 02:51:33	31				B- PLATPOA			28797:04:001F	02-233/15:00:35	1TB
1416	234 02:51:33	31			AC7SPK	(1 12 1 075 108) EL SLEW R=LOW	AACS		28797:04:003F	02-233/15:00:36	1ECa
1417	234 02:53:59	31				B- SLEND			28797:07:034F	02-233/15:03:01	1TB
1418	234 02:53:59	31			SLEWEND	AZ=125.000 EL=165.518 CO=160.595			28797:07:034F	02-233/15:03:01	1T

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1419	234 04:29:40	31	40RISE			10 DEGREE RISE DSC-40					1V
1420	234 07:10:00	31	43 AO	OPCH ACE		AOS DSS-43 PASS-9142 (D/L ONLY)					1DP
1421	234 07:30:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9142					1DP
1422	234 08:31:18	31	10 SET			10 DEGREE SET DSC-10					1V
1423	234 12:00:00	31				VGR-31 OWLT IS 11H 51M 01S					1L
1424	234 13:25:28	31	60RISE			10 DEGREE RISE DSC-60					1V
1425	234 13:30:00	31	43 LO	OPCH ACE		LOS DSS-43 PASS-9142					1DP
1426	234 13:34:47	31	40 SET			10 DEGREE SET DSC-40					1V
1427	234 19:10:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9142 (U/L PASS)					1DP
1428	234 20:58:18	31	10RISE			10 DEGREE RISE DSC-10					1V
1429	234 23:40:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9143 (D/L ONLY)					1DP
1430	235 00:00:00	31				VGR-31 OWLT IS 11H 51M 07S					1L
1431	235 01:00:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9142					1DP
1432	235 01:01:24	31	60 SET			10 DEGREE SET DSC-60					1V
1433	235 02:51:45	31				B- UVSLEW			28827:04:001F	02-234/15:00:35	1TB
1434	235 02:51:45	31				SLEW TO HELIO-11A			28827:04:001F	02-234/15:00:35	1T
1435	235 02:51:45	31				B- PLATPOA			28827:04:001F	02-234/15:00:35	1TB
1436	235 02:51:45	31			AC7SPK	(1 12 2 068 132) EL SLEW R=LOW	AACS		28827:04:003F	02-234/15:00:36	1ECa
1437	235 02:53:59	31				B- SLEND			28827:06:634F	02-234/15:02:49	1TB
1438	235 02:53:59	31			SLEWEND	AZ=125.000 EL=176.032 CO=170.408			28827:06:634F	02-234/15:02:49	1T
1439	235 04:25:42	31	40RISE			10 DEGREE RISE DSC-40					1V
1440	235 07:40:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9143					1DP
1441	235 08:27:21	31	10 SET			10 DEGREE SET DSC-10					1V



FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1455	235 16:31:51	31				AHEL11 PWSREC 10			28844:09:001F	02-235/04:40:35	1T
1456	235 16:31:51	31				B- PWSREC.31			28844:09:001F	02-235/04:40:35	1TB
1457	235 16:31:51	31				BEGIN PWSREC.31			28844:09:001F	02-235/04:40:35	1T
1458	235 16:31:51	31			SC32AJ	(10) PLS CONFIG CMD	FDS		28844:09:009F	02-235/04:40:36	1ECf
1459	235 16:32:39	31				B- DRGS4B			28844:10:001F	02-235/04:41:23	1TB
1460	235 16:32:39	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		28844:10:009F	02-235/04:41:24	1ECf
1461	235 16:33:23	31				BEGIN RECORDING PWS DATA			28844:10:734F	02-235/04:42:07	1T
1462	235 16:33:23	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		28844:10:735F	02-235/04:42:08	1ECd
1463	235 16:33:23	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:0859	DTR		28844:10:735F	02-235/04:42:08	1ESd
1464	235 16:33:27	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	28844:11:001F	02-235/04:42:11	1ESf
1465	235 16:33:27	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		28844:11:002F	02-235/04:42:12	1ECs
1466	235 16:33:28	31				B- DRCRUS			28844:11:018F	02-235/04:42:12	1TB
1467	235 16:33:28	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		28844:11:026F	02-235/04:42:13	1ECf

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1468	235 16:34:15	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	28844:12:001F	02-235/04:42:59	1ESf
1469	235 16:34:15	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		28844:12:002F	02-235/04:43:00	1ECd
1470	235 16:34:15	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:0566	DTR		28844:12:002F	02-235/04:43:00	1ESd
1471	235 16:34:15	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		28844:12:002F	02-235/04:43:00	1ECs
1472	235 16:35:03	31			SC32AJ	(11) PLS CONFIG CMD	FDS		28844:13:009F	02-235/04:43:48	1ECf
1473	235 16:35:04	31				END PWSREC.31			28844:13:018F	02-235/04:43:48	1T
1474	235 18:40:40	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		28846:50:002F	02-235/06:49:24	1ECd
1475	235 18:40:40	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:0560	DTR		28846:50:002F	02-235/06:49:24	1ESd
1476	235 18:41:08	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		28846:50:472F	02-235/06:49:52	1ECd
1477	235 18:41:08	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:0549	DTR		28846:50:472F	02-235/06:49:52	1ESd
1478	235 18:50:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9143 (D/L ONLY)					1DP
1479	235 19:30:17	31				B- GYONBC.31			28847:52:001F	02-235/07:38:59	1TB
1480	235 19:30:17	31				BEGIN GYONBC31			28847:52:001F	02-235/07:38:59	1T

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1481	235 19:30:17	31			AC7GYP	(111) DRIRU PATTERN CONTROL GYRO/AXIS=B/PITCH C/YAW & ROLL	AACS		28847:52:003F	02-235/07:39:00	1ECa
1482	235 19:30:17	31			CC7GARP	GYRO A OFF	PWR		28847:52:004F	02-235/07:39:00	1ECp
1483	235 19:30:17	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS	28847:52:004F	02-235/07:39:00	1ESa	
1484	235 19:30:17	31			CC7GARP	GYRO A OFF	PWR		28847:52:006F	02-235/07:39:00	1ECp
1485	235 19:30:17	31			CC7PC	(352) GYRO A OFF	AACS		28847:52:008F	02-235/07:39:00	1ECa
1486	235 19:30:17	31			CC7GCP	GYRO C ON	PWR		28847:52:009F	02-235/07:39:00	1ECp
1487	235 19:30:17	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: ON	AACS	28847:52:009F	02-235/07:39:00	1ESa	
1488	235 19:30:18	31			CC7GCP	GYRO C ON	PWR		28847:52:011F	02-235/07:39:00	1ECp
1489	235 19:30:18	31			CC7PC	(373) GYRO C ON	AACS		28847:52:013F	02-235/07:39:00	1ECa
1490	235 19:30:18	31			CC7GBP	GYRO B ON	PWR		28847:52:013F	02-235/07:39:00	1ECp
1491	235 19:30:18	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS	28847:52:013F	02-235/07:39:00	1ESa	
1492	235 19:30:18	31			CC7GBP	GYRO B ON	PWR		28847:52:016F	02-235/07:39:00	1ECp
1493	235 19:30:18	31			CC7PC	(363) GYRO B ON	AACS		28847:52:018F	02-235/07:39:00	1ECa
1494	235 19:30:46	31				DRIRU INITIALIZATION			28847:52:484F	02-235/07:39:28	1T
1495	235 19:30:47	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		28847:52:502F	02-235/07:39:30	1ECa

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1496	235 19:31:16	31				SET CALIB			28847:53:184F	02-235/07:39:58	1T
1497	235 19:31:17	31			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		28847:53:204F	02-235/07:40:00	1ECa
1498	235 19:40:16	31				START GYRO FAULT TEST			28848:04:384F	02-235/07:48:58	1T
1499	235 19:40:17	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		28848:04:402F	02-235/07:49:00	1ECa
1500	235 19:40:18	31				END GYONBC31			28848:04:418F	02-235/07:49:00	1T
1501	235 20:54:22	31	10RISE			10 DEGREE RISE DSC-10					1V
1502	235 21:40:42	31			CC16C	(7015) DTR STATE SELECT: READY	DTR		28850:35:002F	02-235/09:49:24	1ECd
1503	235 21:40:42	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:0549	DTR		28850:35:002F	02-235/09:49:24	1ESd
1504	236 00:00:00	31				VGR-31 OWLT IS 11H 51M 19S					1L
1505	236 00:25:00	31	25	AO	OPCH ACE	AOS DSS-25 PASS-9144 (D/L ONLY)					1DP
1506	236 00:25:00	31	25	AO	OPCH ACE	AOS DSS-25 PASS-9144 (D/L ONLY)					1DP
1507	236 00:55:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-9143					1DP
1508	236 00:57:27	31	60	SET		10 DEGREE SET DSC-60					1V
1509	236 02:51:57	31				B- UVSLEW			28857:04:001F	02-235/15:00:35	1TB
1510	236 02:51:57	31				SLEW TO MIDPNT			28857:04:001F	02-235/15:00:35	1T
1511	236 02:51:57	31				B- PLATPOB			28857:04:001F	02-235/15:00:35	1TB
1512	236 02:51:57	31			AC7SPK	(1 12 1 093 214) EL SLEW R=LOW	AACS		28857:04:003F	02-235/15:00:36	1ECa
1513	236 02:51:57	31			AC7SPK	(2 12 1 165 130) AZ SLEW R=LOW	AACS		28857:04:005F	02-235/15:00:36	1ECa
1514	236 03:18:41	31				B- SLEND			28857:37:334F	02-235/15:27:19	1TB
1515	236 03:18:41	31			SLEWEND	AZ=220.013 EL=140.021 CO=135.354			28857:37:334F	02-235/15:27:19	1T
1516	236 04:21:44	31	40RISE			10 DEGREE RISE DSC-40					1V



FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1517	236 07:25:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9144					1DP
1518	236 07:25:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9144					1DP
1519	236 08:23:23	31	10 SET			10 DEGREE SET DSC-10					1V
1520	236 12:00:00	31				VGR-31 OWLT IS 11H 51M 25S					1L
1521	236 13:17:38	31	60RISE			10 DEGREE RISE DSC-60					1V
1522	236 13:26:57	31	40 SET			10 DEGREE SET DSC-40					1V
1523	236 18:50:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9144 (D/L ONLY)					1DP
1524	236 20:50:27	31	10RISE			10 DEGREE RISE DSC-10					1V
1525	237 00:00:00	31				VGR-31 OWLT IS 11H 51M 31S					1L
1526	237 00:53:29	31	60 SET			10 DEGREE SET DSC-60					1V
1527	237 00:55:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9144					1DP
1528	237 02:20:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9145 (D/L ONLY)					1DP
1529	237 02:52:08	31				B- UVSLEW			28887:04:001F	02-236/15:00:35	1TB
1530	237 02:52:08	31				SLEW TO HELIO-10A			28887:04:001F	02-236/15:00:35	1T
1531	237 02:52:08	31				B- PLATPOB			28887:04:001F	02-236/15:00:35	1TB
1532	237 02:52:08	31			AC7SPK	(2 12 2 222 177) AZ SLEW R=LOW	AACS		28887:04:003F	02-236/15:00:36	1ECa
1533	237 02:52:08	31			AC7SPK	(1 12 1 071 142) EL SLEW R=LOW	AACS		28887:04:005F	02-236/15:00:36	1ECa
1534	237 03:14:56	31				B- SLEND			28887:32:401F	02-236/15:23:23	1TB
1535	237 03:14:56	31			SLEWEND	AZ=299.984 EL=172.024 CO=173.348			28887:32:401F	02-236/15:23:23	1T
1536	237 04:17:47	31	40RISE			10 DEGREE RISE DSC-40					1V
1537	237 07:00:00	31	45 AO	OPCH ACE		AOS DSS-45 PASS-9145 (D/L ONLY)					1DP
1538	237 07:15:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9145					1DP
1539	237 08:19:26	31	10 SET			10 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1540	237 12:00:00	31				VGR-31 OWLT IS 11H 51M 37S					1L
1541	237 12:25:00	31	45 LO	OPCH ACE		LOS DSS-45 PASS-9145					1DP
1542	237 13:13:43	31	60RISE			10 DEGREE RISE DSC-60					1V
1543	237 13:23:02	31	40 SET			10 DEGREE SET DSC-40					1V
1544	237 20:46:32	31	10RISE			10 DEGREE RISE DSC-10					1V
1545	238 00:00:00	31				VGR-31 OWLT IS 11H 51M 43S					1L
1546	238 00:30:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9146 (D/L ONLY)					1DP
1547	238 00:49:32	31	60 SET			10 DEGREE SET DSC-60					1V
1548	238 02:52:20	31				B- UVSLEW			28917:04:001F	02-237/15:00:35	1TB
1549	238 02:52:20	31				SLEW TO HELIO-9A			28917:04:001F	02-237/15:00:35	1T
1550	238 02:52:20	31				B- PLATPOB			28917:04:001F	02-237/15:00:35	1TB
1551	238 02:52:20	31			AC7SPK	(1 12 2 079 159) EL SLEW R=LOW	AACS		28917:04:003F	02-237/15:00:36	1ECa
1552	238 02:52:20	31			AC7SPL	(2 12 1 255 044) AZ SLEW R=LOW	AACS		28917:04:005F	02-237/15:00:36	1ECa
1553	238 02:54:59	31				B- SLEND			28917:07:251F	02-237/15:03:14	1TB
1554	238 02:54:59	31			SLEWEND	AZ=299.953 EL=160.328 CO=163.331			28917:07:251F	02-237/15:03:14	1T
1555	238 04:13:49	31	40RISE			10 DEGREE RISE DSC-40					1V
1556	238 07:10:00	31	43 AO	OPCH ACE		AOS DSS-43 PASS-9146 (D/L ONLY)					1DP
1557	238 07:25:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9146					1DP
1558	238 08:15:29	31	10 SET			10 DEGREE SET DSC-10					1V
1559	238 09:50:00	31	43	OPCH 43							1TD
						== START TLC TEST UP-LINK ==					
						== EXECUTE PER DSN SUPPLIED ==					
						== TUNING INSTRUCTIONS ==					

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1560	238 09:50:00	31	43	OPCH 43		== TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL)					1TD
1561	238 09:51:00	31	43	OPCH 43		== TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN					1TD
1562	238 09:52:00	31	43	OPCH 43		== TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) ==					1TD
1563	238 10:17:00	31	43	OPCH 43		== END TLC TEST UP-LINK == == TURN TRANSMITTER OFF == TUNE TO TSF @ 48 HZ/SEC (S-BAND)					1TD
1564	238 12:00:00	31				VGR-31 OWLT IS 11H 51M 49S					1L
1565	238 13:09:48	31	60RISE			10 DEGREE RISE DSC-60					1V
1566	238 13:19:07	31	40 SET			10 DEGREE SET DSC-40					1V
1567	238 13:20:00	31	43 LO	OPCH ACE		LOS DSS-43 PASS-9146					1DP
1568	238 20:42:36	31	10RISE			10 DEGREE RISE DSC-10					1V
1569	238 22:20:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9147 (D/L ONLY)					1DP
1570	239 00:00:00	31				VGR-31 OWLT IS 11H 51M 55S					1L
1571	239 00:45:34	31	60 SET			10 DEGREE SET DSC-60					1V
1572	239 02:52:32	31				B- UVSLEW			28947:04:001F	02-238/15:00:35	1TB
1573	239 02:52:32	31				SLEW TO HELIO-8A			28947:04:001F	02-238/15:00:35	1T
1574	239 02:52:32	31				B- PLATPOA			28947:04:001F	02-238/15:00:35	1TB
1575	239 02:52:32	31			AC7SPK	(1 12 1 086 126) EL SLEW R=LOW	AACS		28947:04:003F	02-238/15:00:36	1ECa

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1576	239 02:54:43	31				B- SLEND			28947:06:584F	02-238/15:02:46	1TB
1577	239 02:54:43	31			SLEWEND	AZ=299.953 EL=150.019 CO=153.372			28947:06:584F	02-238/15:02:46	1T
1578	239 04:09:52	31	40RISE			10 DEGREE RISE DSC-40					1V
1579	239 07:10:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9147					1DP
1580	239 07:30:00	31	45 AO	OPCH ACE		AOS DSS-45 PASS-9147 (D/L ONLY)					1DP
1581	239 08:11:31	31	10 SET			10 DEGREE SET DSC-10					1V
1582	239 09:32:35	31				B- RFSTLC			28955:24:001F	02-238/21:40:35	1TB
1583	239 10:00:52	31	45	OPCH 45		== START TLC TEST DOWN-LINK ==					1TD
1584	239 10:05:12	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1585	239 10:05:12	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
1586	239 10:06:00	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1587	239 10:06:00	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
1588	239 10:08:36	31				BEGIN PWSREC.31			28956:09:001F	02-238/22:16:35	1T
1589	239 10:08:36	31			SC32AJ	(10) PLS CONFIG CMD	FDS		28956:09:009F	02-238/22:16:36	1ECf
1590	239 10:09:24	31				B- DRGS4B			28956:10:001F	02-238/22:17:23	1TB
1591	239 10:09:24	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		28956:10:009F	02-238/22:17:24	1ECf

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1592	239 10:10:08	31				BEGIN RECORDING PWS DATA			28956:10:734F	02-238/22:18:07	1T
1593	239 10:10:08	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		28956:10:735F	02-238/22:18:08	1ECd
1594	239 10:10:08	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:0549	DTR		28956:10:735F	02-238/22:18:08	1ESd
1595	239 10:10:12	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	28956:11:001F	02-238/22:18:11	1ESf
1596	239 10:10:12	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		28956:11:002F	02-238/22:18:12	1ECs
1597	239 10:10:13	31				B- DRCRUS			28956:11:018F	02-238/22:18:12	1TB
1598	239 10:10:13	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		28956:11:026F	02-238/22:18:13	1ECf
1599	239 10:11:00	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	28956:12:001F	02-238/22:18:59	1ESF
1600	239 10:11:00	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		28956:12:002F	02-238/22:19:00	1ECd
1601	239 10:11:00	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:0842	DTR		28956:12:002F	02-238/22:19:00	1ESd

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1602	239 10:11:00	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		28956:12:002F	02-238/22:19:00	1ECs
1603	239 10:11:48	31			SC32AJ	(11) PLS CONFIG CMD	FDS		28956:13:009F	02-238/22:19:48	1ECF
1604	239 10:11:49	31				END PWSREC.31			28956:13:018F	02-238/22:19:48	1T
1605	239 11:01:52	31	45	OPCH 45		== END TLC TEST DOWN-LINK ==					1TD
1606	239 11:05:00	31	45 LO	OPCH ACE		LOS DSS-45 PASS-9147					1DP
1607	239 12:00:00	31				VGR-31 OWLT IS 11H 52M 00S					1L
1608	239 13:05:53	31	60RISE			10 DEGREE RISE DSC-60					1V
1609	239 13:15:12	31	40 SET			10 DEGREE SET DSC-40					1V
1610	239 13:45:25	31			AC7SSB	(3 +015) SS BIAS CONTROL - PITCH	AACS		28960:40:003F	02-239/01:53:24	1ECa
1611	239 16:10:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9147 (U/L PASS)					1DP
1612	239 19:55:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9147					1DP
1613	239 20:31:05	31				B- MISCMD			28969:07:001F	02-239/08:38:59	1TB
1614	239 20:31:05	31				MISCMD - GYRO INIT			28969:07:001F	02-239/08:38:59	1T
1615	239 20:31:05	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		28969:07:002F	02-239/08:39:00	1ECa
1616	239 20:38:41	31	10RISE			10 DEGREE RISE DSC-10					1V
1617	240 00:00:00	31				VGR-31 OWLT IS 11H 52M 06S					1L
1618	240 00:41:37	31	60 SET			10 DEGREE SET DSC-60					1V
1619	240 00:45:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9148 (D/L ONLY)					1DP
1620	240 02:52:44	31				B- UVSLEW			28977:04:001F	02-239/15:00:35	1TB
1621	240 02:52:44	31				SLEW TO HELIO-7A			28977:04:001F	02-239/15:00:35	1T
1622	240 02:52:44	31				B- PLATPOA			28977:04:001F	02-239/15:00:35	1TB

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1623	240 02:52:44	31			AC7SPK	(1 12 2 094 117) EL SLEW R=LOW	AACS		28977:04:003F	02-239/15:00:36	1ECa
1624	240 02:55:04	31				B- SLEND			28977:06:734F	02-239/15:02:55	1TB
1625	240 02:55:04	31			SLEWEND	AZ=299.953 EL=139.020 CO=142.529			28977:06:734F	02-239/15:02:55	1T
1626	240 04:05:54	31	40RISE			10 DEGREE RISE DSC-40					1V
1627	240 07:05:00	31	43 AO	OPCH ACE		AOS DSS-43 PASS-9148 (D/L ONLY)					1DP
1628	240 07:20:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9148					1DP
1629	240 08:07:34	31	10 SET			10 DEGREE SET DSC-10					1V
1630	240 12:00:00	31				VGR-31 OWLT IS 11H 52M 12S					1L
1631	240 13:01:58	31	60RISE			10 DEGREE RISE DSC-60					1V
1632	240 13:10:00	31	43 LO	OPCH ACE		LOS DSS-43 PASS-9148					1DP
1633	240 13:11:17	31	40 SET			10 DEGREE SET DSC-40					1V
1634	240 18:45:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9148 (D/L ONLY)					1DP
1635	240 20:34:46	31	10RISE			10 DEGREE RISE DSC-10					1V
1636	241 00:00:00	31				VGR-31 OWLT IS 11H 52M 18S					1L
1637	241 00:35:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9148					1DP
1638	241 00:37:39	31	60 SET			10 DEGREE SET DSC-60					1V
1639	241 02:05:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9149 (D/L ONLY)					1DP
1640	241 02:52:56	31				B- UVSLEW			29007:04:001F	02-240/15:00:35	1TB
1641	241 02:52:56	31				SLEW TO HELIO-6A			29007:04:001F	02-240/15:00:35	1T
1642	241 02:52:56	31				B- PLATPOA			29007:04:001F	02-240/15:00:35	1TB
1643	241 02:52:56	31			AC7SPK	(1 12 2 100 170) EL SLEW R=LOW	AACS		29007:04:003F	02-240/15:00:36	1ECa
1644	241 02:54:51	31				B- SLEND			29007:06:318F	02-240/15:02:30	1TB
1645	241 02:54:51	31			SLEWEND	AZ=299.953 EL=130.019 CO=133.603			29007:06:318F	02-240/15:02:30	1T

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1646	241 04:01:57	31	40RISE			10 DEGREE RISE DSC-40					1V
1647	241 06:02:33	31			AC7SSB	(4 +140) SS BIAS CONTROL --- YAW	AACS		29011:01:002F	02-240/18:10:12	1ECa
1648	241 06:55:00	31	45 AO	OPCH ACE		AOS DSS-45 PASS-9149 (D/L ONLY)					1DP
1649	241 07:15:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9149					1DP
1650	241 08:03:37	31	10 SET			10 DEGREE SET DSC-10					1V
1651	241 12:00:00	31				VGR-31 OWLT IS 11H 52M 24S					1L
1652	241 12:05:00	31	45 LO	OPCH ACE		LOS DSS-45 PASS-9149					1DP
1653	241 12:58:03	31	60RISE			10 DEGREE RISE DSC-60					1V
1654	241 13:07:22	31	40 SET			10 DEGREE SET DSC-40					1V
1655	241 20:30:51	31	10RISE			10 DEGREE RISE DSC-10					1V
1656	241 23:30:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9150 (D/L ONLY)					1DP
1657	242 00:00:00	31				VGR-31 OWLT IS 11H 52M 30S					1L
1658	242 00:33:42	31	60 SET			10 DEGREE SET DSC-60					1V
1659	242 02:53:08	31				B- UVSLEW			29037:04:001F	02-241/15:00:35	1TB
1660	242 02:53:08	31				SLEW TO HELIO-5A			29037:04:001F	02-241/15:00:35	1T
1661	242 02:53:08	31				B- PLATPOA			29037:04:001F	02-241/15:00:35	1TB
1662	242 02:53:08	31			AC7SPK	(1 12 1 106 039) EL SLEW R=LOW	AACS		29037:04:003F	02-241/15:00:36	1ECa
1663	242 02:54:45	31				B- SLEND			29037:06:018F	02-241/15:02:12	1TB
1664	242 02:54:45	31			SLEWEND	AZ=299.953 EL=122.534 CO=126.127			29037:06:018F	02-241/15:02:12	1T
1665	242 03:58:00	31	40RISE			10 DEGREE RISE DSC-40					1V
1666	242 07:15:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9150					1DP
1667	242 07:59:40	31	10 SET			10 DEGREE SET DSC-10					1V
1668	242 12:00:00	31				VGR-31 OWLT IS 11H 52M 36S					1L





FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1682	242 16:09:14	31				B- PWSREC.31			29053:39:001F	02-242/04:16:35	1TB
1683	242 16:09:14	31				BEGIN PWSREC.31			29053:39:001F	02-242/04:16:35	1T
1684	242 16:09:14	31			SC32AJ	(10) PLS CONFIG CMD	FDS		29053:39:009F	02-242/04:16:36	1ECf
1685	242 16:10:02	31				B- DRGS4B			29053:40:001F	02-242/04:17:23	1TB
1686	242 16:10:02	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		29053:40:009F	02-242/04:17:24	1ECf
1687	242 16:10:46	31				BEGIN RECORDING PWS DATA			29053:40:734F	02-242/04:18:07	1T
1688	242 16:10:46	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		29053:40:735F	02-242/04:18:08	1ECd
1689	242 16:10:46	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:0560	DTR		29053:40:735F	02-242/04:18:08	1ESd
1690	242 16:10:50	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	29053:41:001F	02-242/04:18:11	1ESf
1691	242 16:10:50	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		29053:41:002F	02-242/04:18:12	1ECs
1692	242 16:10:51	31				B- DRCRUS			29053:41:018F	02-242/04:18:12	1TB
1693	242 16:10:51	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		29053:41:026F	02-242/04:18:13	1ECf

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1694	242 16:11:38	31		ACE OPCH			FDS	CR-5T	29053:42:001F	02-242/04:18:59	1ESf
						FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11					
1695	242 16:11:38	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		29053:42:002F	02-242/04:19:00	1ECd
1696	242 16:11:38	31					DTR		29053:42:002F	02-242/04:19:00	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:0853					
1697	242 16:11:38	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		29053:42:002F	02-242/04:19:00	1ECs
1698	242 16:12:26	31			SC32AJ	(11) PLS CONFIG CMD	FDS		29053:43:009F	02-242/04:19:48	1ECf
1699	242 16:12:27	31				END PWSREC.31			29053:43:018F	02-242/04:19:48	1T
1700	242 18:18:03	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		29056:20:002F	02-242/06:25:24	1ECd
1701	242 18:18:03	31					DTR		29056:20:002F	02-242/06:25:24	1ESd
						DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:0859					
1702	242 18:18:33	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		29056:20:501F	02-242/06:25:53	1ECd
1703	242 18:18:33	31					DTR		29056:20:501F	02-242/06:25:53	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:0848					
1704	242 19:05:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9150 (D/L ONLY)					1DP



FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1713	242 19:35:40	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		29057:57:002F	02-242/07:43:00	1ECs
1714	242 19:50:52	31				.05 ALL AXES DEADBAND			29058:16:001F	02-242/07:58:11	1T
1715	242 19:50:52	31			AC7DDB	(000480) CHG TO .05 DEG DEADBAND	AACS		29058:16:003F	02-242/07:58:12	1ECa
1716	242 20:06:52	31			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		29058:36:002F	02-242/08:14:12	1ECa
1717	242 20:06:52	31				AACS STATUS MODE : AAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		29058:36:002F	02-242/08:14:12	1ESa
1718	242 20:06:52	31			CC7GARP	GYRO A OFF	PWR		29058:36:003F	02-242/08:14:12	1ECp
1719	242 20:06:52	31			CC7GARP	GYRO A OFF	PWR		29058:36:005F	02-242/08:14:12	1ECp
1720	242 20:06:52	31			CC7PC	(352) GYRO A OFF	AACS		29058:36:007F	02-242/08:14:12	1ECa
1721	242 20:06:52	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		29058:36:008F	02-242/08:14:12	1ECp
1722	242 20:06:52	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		29058:36:010F	02-242/08:14:12	1ECp
1723	242 20:06:53	31			CC7PC	(312) DUMMY PWR CMD	AACS		29058:36:012F	02-242/08:14:12	1ECa
1724	242 20:07:39	31	63	OPCH 63		ASCAL =====					1TD
1725	242 20:07:40	31				START FIRST YAW DRIFT TURN			29058:37:001F	02-242/08:14:59	1T
1726	242 20:07:40	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		29058:37:004F	02-242/08:15:00	1ECa
1727	242 20:11:40	31			AC7PAR	(7015 764220) PARAMETER LOAD	AACS		29058:42:003F	02-242/08:19:00	1ECa
1728	242 20:19:40	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		29058:52:003F	02-242/08:27:00	1ECa
1729	242 20:23:40	31			AC7PAR	(7015 000000) PARAMETER LOAD	AACS		29058:57:004F	02-242/08:31:00	1ECa

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1730	242 20:23:40	31	63	OPCH 63		ASCAL =====					1TD
						END YAW DRIFT TURNS					
1731	242 20:23:41	31				END THIRD YAW DRIFT TURN			29058:57:018F	02-242/08:31:00	1T
1732	242 20:24:27	31	63	OPCH 63		ASCAL =====					1TD
						START PITCH DRIFT TURNS					
1733	242 20:24:28	31				START FIRST PITCH DRIFT TURN			29058:58:001F	02-242/08:31:47	1T
1734	242 20:24:28	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		29058:58:003F	02-242/08:31:48	1ECa
1735	242 20:26:56	31	10RISE			10 DEGREE RISE DSC-10					1V
1736	242 20:28:28	31			AC7PAR	(7014 764220) PARAMETER LOAD	AACS		29059:03:004F	02-242/08:35:48	1ECa
1737	242 20:36:28	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		29059:13:004F	02-242/08:43:48	1ECa
1738	242 20:40:28	31			AC7PAR	(7014 000000) PARAMETER LOAD	AACS		29059:18:003F	02-242/08:47:48	1ECa
1739	242 20:40:28	31	63	OPCH 63		ASCAL =====					1TD
						END PITCH DRIFT TURNS					
1740	242 20:40:29	31				END THIRD PITCH DRIFT TURN			29059:18:018F	02-242/08:47:48	1T
1741	242 20:41:34	31				B- MISCMD			29059:19:301F	02-242/08:48:53	1TB
1742	242 20:41:34	31				MISCMD - GYROS OFF			29059:19:301F	02-242/08:48:53	1T
1743	242 20:41:34	31			AC7PAR	(7530 000000) PARAMETER LOAD	AACS		29059:19:304F	02-242/08:48:54	1ECa
1744	242 20:42:04	31			CC7SS	(1) SS SEARCH ENABLE	AACS		29059:20:001F	02-242/08:49:23	1ECa



FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1759	242 20:44:45	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		29059:23:286F	02-242/08:52:05	1ESa
1760	242 20:44:45	31			CC7GCRP	GYRO C OFF	PWR		29059:23:288F	02-242/08:52:05	1ECp
1761	242 20:44:45	31			CC7PC	(372) GYRO C OFF	AACS		29059:23:290F	02-242/08:52:05	1ECa
1762	242 20:44:45	31			CC7GBRP	GYRO B OFF	PWR		29059:23:290F	02-242/08:52:05	1ECp
1763	242 20:44:45	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS		29059:23:290F	02-242/08:52:05	1ESa
1764	242 20:44:45	31			CC7GBRP	GYRO B OFF	PWR		29059:23:293F	02-242/08:52:05	1ECp
1765	242 20:44:46	31			CC7PC	(362) GYRO B OFF	AACS		29059:23:295F	02-242/08:52:05	1ECa
1766	242 20:44:46	31			CC7GARP	GYRO A OFF	PWR		29059:23:295F	02-242/08:52:05	1ECp
1767	242 20:44:46	31			CC7GARP	GYRO A OFF	PWR		29059:23:297F	02-242/08:52:05	1ECp
1768	242 20:44:46	31			CC7PC	(352) GYRO A OFF	AACS		29059:23:299F	02-242/08:52:05	1ECa
1769	242 20:44:46	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		29059:23:300F	02-242/08:52:05	1ECp
1770	242 20:44:46	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		29059:23:302F	02-242/08:52:06	1ECp
1771	242 20:44:46	31			CC7PC	(312) DUMMY PWR CMD	AACS		29059:23:304F	02-242/08:52:06	1ECa
1772	242 20:46:52	31				B- DRCSR			29059:26:001F	02-242/08:54:11	1TB
1773	242 20:46:52	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		29059:26:009F	02-242/08:54:12	1ECf



FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1774	242 20:47:40	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	29059:27:001F	02-242/08:54:59	1ESf
1775	242 20:47:40	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		29059:27:002F	02-242/08:55:00	1ECs
1776	242 20:53:17	31				B- YAWDB			29059:34:001F	02-242/09:00:35	1TB
1777	242 20:53:17	31				YAWDB - .10			29059:34:001F	02-242/09:00:35	1T
1778	242 20:53:17	31				B- ROLLDB			29059:34:001F	02-242/09:00:35	1TB
1779	242 20:53:17	31				ROLLDB - .25			29059:34:001F	02-242/09:00:35	1T
1780	242 20:53:17	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		29059:34:003F	02-242/09:00:36	1ECa
1781	242 20:53:17	31			AC7PAR	(6742 004540) +ROLL DB=.25 DEG	AACS		29059:34:005F	02-242/09:00:36	1ECa
1782	242 20:53:18	31	63	OPCH 63		END ASCAL					1TD
1783	242 21:18:05	31			CC16C	(7015) DTR STATE SELECT: READY	DTR		29060:05:002F	02-242/09:25:24	1ECd
1784	242 21:18:05	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:0848	DTR		29060:05:002F	02-242/09:25:24	1ESd
1785	243 00:00:00	31				VGR-31 OWLT IS 11H 52M 42S					1L
1786	243 00:10:00	31	15	AO	OPCH ACE	AOS DSS-15 PASS-9151 (D/L ONLY)					1DP
1787	243 00:29:45	31	60	SET		10 DEGREE SET DSC-60					1V
1788	243 00:30:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-9150					1DP
1789	243 02:53:19	31				B- UVSLEW			29067:04:001F	02-242/15:00:35	1TB
1790	243 02:53:19	31				SLEW TO HELIO-4A			29067:04:001F	02-242/15:00:35	1T

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1791	243 02:53:19	31				B- PLATPOA			29067:04:001F	02-242/15:00:35	1TB
1792	243 02:53:19	31			AC7SPK	(1 12 1 114 215) EL SLEW R=LOW	AACS		29067:04:003F	02-242/15:00:36	1ECa
1793	243 02:55:58	31				B- SLEND			29067:07:234F	02-242/15:03:13	1TB
1794	243 02:55:58	31			SLEWEND	AZ=299.953 EL=110.058 CO=113.703			29067:07:234F	02-242/15:03:13	1T
1795	243 03:54:02	31	40RISE			10 DEGREE RISE DSC-40					1V
1796	243 07:10:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9151					1DP
1797	243 07:10:00	31	43 AO	OPCH ACE		AOS DSS-43 PASS-9151 (D/L ONLY)					1DP
1798	243 07:55:43	31	10 SET			10 DEGREE SET DSC-10					1V
1799	243 12:00:00	31				VGR-31 OWLT IS 11H 52M 48S					1L
1800	243 12:50:13	31	60RISE			10 DEGREE RISE DSC-60					1V
1801	243 12:59:32	31	40 SET			10 DEGREE SET DSC-40					1V
1802	243 13:05:00	31	43 LO	OPCH ACE		LOS DSS-43 PASS-9151					1DP
1803	243 20:23:01	31	10RISE			10 DEGREE RISE DSC-10					1V
1804	243 22:25:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9152 (D/L ONLY)					1DP
1805	244 00:00:00	31				VGR-31 OWLT IS 11H 52M 54S					1L
1806	244 00:25:47	31	60 SET			10 DEGREE SET DSC-60					1V
1807	244 02:53:31	31				B- UVSLEW			29097:04:001F	02-243/15:00:35	1TB
1808	244 02:53:31	31				SLEW TO HELIO-3A			29097:04:001F	02-243/15:00:35	1T
1809	244 02:53:31	31				B- PLATPOA			29097:04:001F	02-243/15:00:35	1TB
1810	244 02:53:31	31			AC7SPK	(1 12 2 121 136) EL SLEW R=LOW	AACS		29097:04:003F	02-243/15:00:36	1ECa
1811	244 02:55:26	31				B- SLEND			29097:06:318F	02-243/15:02:30	1TB
1812	244 02:55:26	31			SLEWEND	AZ=299.953 EL=101.064 CO=104.746			29097:06:318F	02-243/15:02:30	1T
1813	244 03:50:05	31	40RISE			10 DEGREE RISE DSC-40					1V

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1814	244 07:05:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9152					1DP
1815	244 07:51:46	31	10 SET			10 DEGREE SET DSC-10					1V
1816	244 12:00:00	31				VGR-31 OWLT IS 11H 53M 00S					1L
1817	244 12:46:18	31	60RISE			10 DEGREE RISE DSC-60					1V
1818	244 12:55:37	31	40 SET			10 DEGREE SET DSC-40					1V
1819	244 18:30:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9152 (D/L ONLY)					1DP
1820	244 20:19:06	31	10RISE			10 DEGREE RISE DSC-10					1V
1821	245 00:00:00	31				VGR-31 OWLT IS 11H 53M 06S					1L
1822	245 00:20:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9152					1DP
1823	245 00:21:50	31	60 SET			10 DEGREE SET DSC-60					1V
1824	245 02:53:43	31				B- UVSLEW			29127:04:001F	02-244/15:00:35	1TB
1825	245 02:53:43	31				SLEW TO HELIO-2A			29127:04:001F	02-244/15:00:35	1T
1826	245 02:53:43	31				B- PLATPOA			29127:04:001F	02-244/15:00:35	1TB
1827	245 02:53:43	31			AC7SPK	(1 12 1 128 128) EL SLEW R=LOW	AACS		29127:04:003F	02-244/15:00:36	1ECa
1828	245 02:56:03	31				B- SLEND			29127:06:734F	02-244/15:02:55	1TB
1829	245 02:56:03	31			SLEWEND	AZ=299.953 EL=90.044 CO=93.777			29127:06:734F	02-244/15:02:55	1T
1830	245 03:46:08	31	40RISE			10 DEGREE RISE DSC-40					1V
1831	245 07:05:00	31	45 AO	OPCH ACE		AOS DSS-45 PASS-9153 (D/L ONLY)					1DP
1832	245 07:47:49	31	10 SET			10 DEGREE SET DSC-10					1V
1833	245 11:50:00	31	45 LO	OPCH ACE		LOS DSS-45 PASS-9153					1DP
1834	245 12:00:00	31				VGR-31 OWLT IS 11H 53M 12S					1L
1835	245 12:42:24	31	60RISE			10 DEGREE RISE DSC-60					1V
1836	245 12:51:43	31	40 SET			10 DEGREE SET DSC-40					1V





FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1867	246 09:47:36	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		29165:41:026F	02-245/21:54:13	1ECf
1868	246 09:48:23	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	29165:42:001F	02-245/21:54:59	1ESf
1869	246 09:48:23	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		29165:42:002F	02-245/21:55:00	1ECs
1870	246 09:48:23	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		29165:42:002F	02-245/21:55:00	1ECd
1871	246 09:48:23	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:1141	DTR		29165:42:002F	02-245/21:55:00	1ESd
1872	246 09:49:11	31			SC32AJ	(11) PLS CONFIG CMD	FDS		29165:43:009F	02-245/21:55:48	1ECf
1873	246 09:49:12	31				END PWSREC.31			29165:43:018F	02-245/21:55:48	1T
1874	246 12:00:00	31				VGR-31 OWLT IS 11H 53M 24S					1L
1875	246 12:38:29	31	60RISE			10 DEGREE RISE DSC-60					1V
1876	246 12:45:00	31	43 LO	OPCH ACE		LOS DSS-43 PASS-9154					1DP
1877	246 12:47:48	31	40 SET			10 DEGREE SET DSC-40					1V
1878	246 18:45:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9154 (D/L ONLY)					1DP
1879	246 20:11:16	31	10RISE			10 DEGREE RISE DSC-10					1V
1880	246 23:05:17	31			AC7SSB	(3 +016) SS BIAS CONTROL - PITCH	AACS		29182:18:003F	02-246/11:11:48	1ECa
1881	247 00:00:00	31				VGR-31 OWLT IS 11H 53M 30S					1L
1882	247 00:00:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9155 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT 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	247 00:13:56	31	60	SET		10 DEGREE SET DSC-60					1V
1884	247 00:20:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-9154					1DP
1885	247 03:38:13	31	40	RISE		10 DEGREE RISE DSC-40					1V
1886	247 05:50:00	31	34	AO	OPCH ACE	AOS DSS-34 PASS-9155 (D/L ONLY)					1DP
1887	247 06:40:00	31	25	LO	OPCH ACE	LOS DSS-25 PASS-9155					1DP
1888	247 07:39:55	31	10	SET		10 DEGREE SET DSC-10					1V
1889	247 09:18:58	31				B- RFSTLC			29195:05:001F	02-246/21:25:23	1TB
1890	247 10:50:00	31	34	LO	OPCH ACE	LOS DSS-34 PASS-9155					1DP
1891	247 12:00:00	31				VGR-31 OWLT IS 11H 53M 36S					1L
1892	247 12:34:34	31	60	RISE		10 DEGREE RISE DSC-60					1V
1893	247 12:43:53	31	40	SET		10 DEGREE SET DSC-40					1V
1894	247 14:35:00	31	65	AO	OPCH ACE	AOS DSS-65 PASS-9155 (D/L ONLY)					1DP
1895	247 18:35:00	31	65	LO	OPCH ACE	LOS DSS-65 PASS-9155					1DP
1896	247 20:07:21	31	10	RISE		10 DEGREE RISE DSC-10					1V
1897	248 00:00:00	31				VGR-31 OWLT IS 11H 53M 42S					1L
1898	248 00:09:58	31	60	SET		10 DEGREE SET DSC-60					1V
1899	248 01:50:00	31	15	AO	OPCH ACE	AOS DSS-15 PASS-9156 (D/L ONLY)					1DP
1900	248 03:34:16	31	40	RISE		10 DEGREE RISE DSC-40					1V
1901	248 06:10:00	31	15	LO	OPCH ACE	LOS DSS-15 PASS-9156					1DP
1902	248 07:00:00	31	43	AO	OPCH ACE	AOS DSS-43 PASS-9156 (D/L ONLY)					1DP
1903	248 07:35:58	31	10	SET		10 DEGREE SET DSC-10					1V
1904	248 09:20:00	31	43	LO	OPCH ACE	LOS DSS-43 PASS-9156					1DP
1905	248 12:00:00	31				VGR-31 OWLT IS 11H 53M 48S					1L

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT 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	248 12:30:40	31	60RISE			10 DEGREE RISE DSC-60					1V
1907	248 12:39:59	31	40 SET			10 DEGREE SET DSC-40					1V
1908	248 20:03:27	31	10RISE			10 DEGREE RISE DSC-10					1V
1909	248 20:10:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9156 (D/L ONLY)					1DP
1910	248 20:54:28	31				B- UVSLEW			29239:34:001F	02-248/09:00:35	1TB
1911	248 20:54:28	31				SLEW TO HELIO-1B			29239:34:001F	02-248/09:00:35	1T
1912	248 20:54:28	31				B- PLATPOB			29239:34:001F	02-248/09:00:35	1TB
1913	248 20:54:28	31			AC7SPK	(2 12 1 229 134) AZ SLEW R=LOW	AACS		29239:34:003F	02-248/09:00:36	1ECa
1914	248 20:54:28	31			AC7SPK	(1 12 1 131 042) EL SLEW R=LOW	AACS		29239:34:005F	02-248/09:00:36	1ECa
1915	248 20:57:46	31				B- SLEND			29239:38:101F	02-248/09:03:53	1TB
1916	248 20:57:46	31			SLEWEND	AZ=309.984 EL=85.002 CO=89.608			29239:38:101F	02-248/09:03:53	1T
1917	248 23:45:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9157 (D/L ONLY)					1DP
1918	249 00:00:00	31				VGR-31 OWLT IS 11H 53M 54S					1L
1919	249 00:05:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9156					1DP
1920	249 00:06:01	31	60 SET			10 DEGREE SET DSC-60					1V
1921	249 03:30:19	31	40RISE			10 DEGREE RISE DSC-40					1V
1922	249 06:35:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9157					1DP
1923	249 07:32:01	31	10 SET			10 DEGREE SET DSC-10					1V
1924	249 12:00:00	31				VGR-31 OWLT IS 11H 53M 59S					1L
1925	249 12:26:45	31	60RISE			10 DEGREE RISE DSC-60					1V
1926	249 12:36:04	31	40 SET			10 DEGREE SET DSC-40					1V
1927	249 12:45:48	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		29259:23:002F	02-249/00:51:48	1ECd





FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1941	249 15:46:37	31			SC32AJ	(10) PLS CONFIG CMD	FDS		29263:09:009F	02-249/03:52:36	1ECf
1942	249 15:47:25	31				B- DRGS4B			29263:10:001F	02-249/03:53:23	1TB
1943	249 15:47:25	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		29263:10:009F	02-249/03:53:24	1ECf
1944	249 15:48:09	31				BEGIN RECORDING PWS DATA			29263:10:734F	02-249/03:54:07	1T
1945	249 15:48:09	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		29263:10:735F	02-249/03:54:08	1ECd
1946	249 15:48:09	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:0859	DTR		29263:10:735F	02-249/03:54:08	1ESd
1947	249 15:48:13	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	29263:11:001F	02-249/03:54:11	1ESf
1948	249 15:48:13	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		29263:11:002F	02-249/03:54:12	1ECs
1949	249 15:48:14	31				B- DRCRUS			29263:11:018F	02-249/03:54:12	1TB
1950	249 15:48:14	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		29263:11:026F	02-249/03:54:13	1ECf
1951	249 15:49:01	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	29263:12:001F	02-249/03:54:59	1ESf

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1952	249 15:49:01	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		29263:12:002F	02-249/03:55:00	1ECs
1953	249 15:49:01	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		29263:12:002F	02-249/03:55:00	1ECd
1954	249 15:49:01	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:1152	DTR		29263:12:002F	02-249/03:55:00	1ESd
1955	249 15:49:49	31			SC32AJ	(11) PLS CONFIG CMD	FDS		29263:13:009F	02-249/03:55:48	1ECf
1956	249 15:49:50	31				END PWSREC.31			29263:13:018F	02-249/03:55:48	1T
1957	249 17:55:26	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		29265:50:002F	02-249/06:01:24	1ECd
1958	249 17:55:26	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:1158	DTR		29265:50:002F	02-249/06:01:24	1ESd
1959	249 17:55:56	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		29265:50:507F	02-249/06:01:54	1ECd
1960	249 17:55:56	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1147	DTR		29265:50:507F	02-249/06:01:54	1ESd
1961	249 19:59:32	31	10RISE			10 DEGREE RISE DSC-10					1V
1962	249 20:54:40	31				B- UVSLEW			29269:34:001F	02-249/09:00:35	1TB
1963	249 20:54:40	31				SLEW TO HELIO-2B			29269:34:001F	02-249/09:00:35	1T
1964	249 20:54:40	31				B- PLATPOB			29269:34:001F	02-249/09:00:35	1TB
1965	249 20:54:40	31			AC7SPK	(1 12 2 124 085) EL SLEW R=LOW	AACS		29269:34:003F	02-249/09:00:36	1ECa
1966	249 20:54:40	31			AC7SPK	(2 12 2 232 179) AZ SLEW R=LOW	AACS		29269:34:005F	02-249/09:00:36	1ECa
1967	249 20:55:28	31			CC16C	(7015) DTR STATE SELECT: READY	DTR		29269:35:002F	02-249/09:01:24	1ECd

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1968	249 20:55:28	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:1147	DTR		29269:35:002F	02-249/09:01:24	1ESd
1969	249 20:57:48	31				B- SLEND			29269:37:734F	02-249/09:03:43	1TB
1970	249 20:57:48	31			SLEWEND	AZ=314.998 EL=95.016 CO=99.953			29269:37:734F	02-249/09:03:43	1T
1971	249 23:20:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9157					1DP
1972	250 00:00:00	31				VGR-31 OWLT IS 11H 54M 05S					1L
1973	250 00:02:04	31	60 SET			10 DEGREE SET DSC-60					1V
1974	250 01:20:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9158 (D/L ONLY)					1DP
1975	250 03:26:22	31	40RISE			10 DEGREE RISE DSC-40					1V
1976	250 05:20:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9158					1DP
1977	250 07:00:00	31	45 AO	OPCH ACE		AOS DSS-45 PASS-9158 (D/L ONLY)					1DP
1978	250 07:28:04	31	10 SET			10 DEGREE SET DSC-10					1V
1979	250 10:00:00	31	45 LO	OPCH ACE		LOS DSS-45 PASS-9158					1DP
1980	250 12:00:00	31				VGR-31 OWLT IS 11H 54M 11S					1L
1981	250 12:22:51	31	60RISE			10 DEGREE RISE DSC-60					1V
1982	250 12:32:10	31	40 SET			10 DEGREE SET DSC-40					1V
1983	250 18:30:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9158 (D/L ONLY)					1DP
1984	250 19:55:37	31	10RISE			10 DEGREE RISE DSC-10					1V
1985	250 20:54:52	31				B- UVSLEW			29299:34:001F	02-250/09:00:35	1TB
1986	250 20:54:52	31				SLEW TO HELIO-3B			29299:34:001F	02-250/09:00:35	1T
1987	250 20:54:52	31				B- PLATPOB			29299:34:001F	02-250/09:00:35	1TB
1988	250 20:54:52	31			AC7SPK	(1 12 1 117 129) EL SLEW R=LOW	AACS		29299:34:003F	02-250/09:00:36	1ECa

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1989	250 20:54:52	31			AC7SPK	(2 12 2 236 091) AZ SLEW R=LOW	AACS		29299:34:005F	02-250/09:00:36	1ECa
1990	250 20:58:00	31				B- SLEND			29299:37:734F	02-250/09:03:43	1TB
1991	250 20:58:00	31			SLEWEND	AZ=319.987 EL=105.021 CO=110.265			29299:37:734F	02-250/09:03:43	1T
1992	250 23:58:07	31	60	SET		10 DEGREE SET DSC-60					1V
1993	251 00:00:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-9158					1DP
1994	251 00:00:00	31				VGR-31 OWLT IS 11H 54M 17S					1L
1995	251 00:30:00	31	15	AO	OPCH ACE	AOS DSS-15 PASS-9159 (D/L ONLY)					1DP
1996	251 03:22:25	31	40	RISE		10 DEGREE RISE DSC-40					1V
1997	251 06:00:00	31	15	LO	OPCH ACE	LOS DSS-15 PASS-9159					1DP
1998	251 07:24:07	31	10	SET		10 DEGREE SET DSC-10					1V
1999	251 12:00:00	31				VGR-31 OWLT IS 11H 54M 23S					1L
2000	251 12:18:57	31	60	RISE		10 DEGREE RISE DSC-60					1V
2001	251 12:28:16	31	40	SET		10 DEGREE SET DSC-40					1V
2002	251 19:51:43	31	10	RISE		10 DEGREE RISE DSC-10					1V
2003	251 20:45:00	31	15	AO	OPCH ACE	AOS DSS-15 PASS-9160 (D/L ONLY)					1DP
2004	251 20:55:04	31				B- UVSLEW			29329:34:001F	02-251/09:00:35	1TB
2005	251 20:55:04	31				SLEW TO HELIO-4B			29329:34:001F	02-251/09:00:35	1T
2006	251 20:55:04	31				B- PLATPOB			29329:34:001F	02-251/09:00:35	1TB
2007	251 20:55:04	31			AC7SPK	(1 12 2 110 172) EL SLEW R=LOW	AACS		29329:34:003F	02-251/09:00:36	1ECa
2008	251 20:55:04	31			AC7SPL	(2 12 1 255 222) AZ SLEW R=LOW	AACS		29329:34:005F	02-251/09:00:36	1ECa
2009	251 20:57:17	31				B- SLEND			29329:36:618F	02-251/09:02:48	1TB
2010	251 20:57:17	31			SLEWEND	AZ=319.959 EL=115.015 CO=120.244			29329:36:618F	02-251/09:02:48	1T
2011	251 23:54:10	31	60	SET		10 DEGREE SET DSC-60					1V

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2012	252 00:00:00	31				VGR-31 OWLT IS 11H 54M 29S					1L
2013	252 03:04:43	31			AC7SSB	(4 +141) SS BIAS CONTROL --- YAW	AACS		29337:16:003F	02-251/15:10:12	1ECa
2014	252 03:18:28	31	40RISE			10 DEGREE RISE DSC-40					1V
2015	252 03:30:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9160					1DP
2016	252 05:25:00	31	34 AO	OPCH ACE		AOS DSS-34 PASS-9160 (D/L ONLY)					1DP
2017	252 07:20:10	31	10 SET			10 DEGREE SET DSC-10					1V
2018	252 10:25:00	31	34 LO	OPCH ACE		LOS DSS-34 PASS-9160					1DP
2019	252 12:00:00	31				VGR-31 OWLT IS 11H 54M 35S					1L
2020	252 12:15:02	31	60RISE			10 DEGREE RISE DSC-60					1V
2021	252 12:24:21	31	40 SET			10 DEGREE SET DSC-40					1V
2022	252 17:45:00	31	54 AO	OPCH ACE		AOS DSS-54 PASS-9160 (D/L ONLY)					1DP
2023	252 19:47:48	31	10RISE			10 DEGREE RISE DSC-10					1V
2024	252 20:45:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9161 (D/L ONLY)					1DP
2025	252 20:55:16	31				B- UVSLEW			29359:34:001F	02-252/09:00:35	1TB
2026	252 20:55:16	31				SLEW TO HELIO-5B			29359:34:001F	02-252/09:00:35	1T
2027	252 20:55:16	31				B- PLATPOA			29359:34:001F	02-252/09:00:35	1TB
2028	252 20:55:16	31			AC7SPK	(1 12 2 103 083) EL SLEW R=LOW	AACS		29359:34:003F	02-252/09:00:36	1ECa
2029	252 20:57:24	31				B- SLEND			29359:36:534F	02-252/09:02:43	1TB
2030	252 20:57:24	31			SLEWEND	AZ=319.959 EL=125.012 CO=130.197			29359:36:534F	02-252/09:02:43	1T
2031	252 21:55:00	31	54 LO	OPCH ACE		LOS DSS-54 PASS-9160					1DP
2032	252 23:50:13	31	60 SET			10 DEGREE SET DSC-60					1V
2033	253 00:00:00	31				VGR-31 OWLT IS 11H 54M 41S					1L
2034	253 03:14:31	31	40RISE			10 DEGREE RISE DSC-40					1V







FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2068	254 04:36:19	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		29399:10:010F	02-253/16:41:24	1ECf
2069	254 04:37:07	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	29399:11:001F	02-253/16:42:11	1ESf
2070	254 04:37:07	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		29399:11:002F	02-253/16:42:11	1ECs
2071	254 04:37:08	31				END PMPCALLR			29399:11:018F	02-253/16:42:12	1T
2072	254 06:10:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9162					1DP
2073	254 06:55:00	31	45 AO	OPCH ACE		AOS DSS-45 PASS-9162 (D/L ONLY)					1DP
2074	254 07:12:17	31	10 SET			10 DEGREE SET DSC-10					1V
2075	254 08:25:09	31			AC7SSB	(3 +017) SS BIAS CONTROL - PITCH	AACS		29403:56:002F	02-253/20:30:12	1ECa
2076	254 10:10:00	31	45 LO	OPCH ACE		LOS DSS-45 PASS-9162					1DP
2077	254 12:00:00	31				VGR-31 OWLT IS 11H 54M 59S					1L
2078	254 12:07:14	31	60RISE			10 DEGREE RISE DSC-60					1V
2079	254 12:16:33	31	40 SET			10 DEGREE SET DSC-40					1V
2080	254 18:20:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9162 (U/L PASS)					1DP
2081	254 19:39:59	31	10RISE			10 DEGREE RISE DSC-10					1V
2082	254 20:20:00	31	63	OPCH 63		== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==					1TD

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2083	254 20:20:00	31	63	OPCH 63		== TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL)					1TD
2084	254 20:21:00	31	63	OPCH 63		== TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN					1TD
2085	254 20:22:00	31	63	OPCH 63		== TLC TEST UP-LINK == == TUNE U/L AT 48 HZ/SEC == == TO XA-65 KHZ (S-BAND) ==					1TD
2086	254 20:47:00	31	63	OPCH 63		== END TLC TEST UP-LINK == == TURN TRANSMITTER OFF == TUNE TO TSF @ 48 HZ/SEC (S-BAND)					1TD
2087	254 20:55:39	31				B- UVSLEW			29419:34:001F	02-254/09:00:35	1TB
2088	254 20:55:39	31				SLEW TO HELIO-7B			29419:34:001F	02-254/09:00:35	1T
2089	254 20:55:39	31				B- PLATPOA			29419:34:001F	02-254/09:00:35	1TB
2090	254 20:55:39	31			AC7SPK	(1 12 2 088 100) EL SLEW R=LOW	AACS		29419:34:003F	02-254/09:00:36	1ECa
2091	254 20:58:23	31				B- SLEND			29419:37:334F	02-254/09:03:19	1TB
2092	254 20:58:23	31			SLEWEND	AZ=319.959 EL=147.006 CO=152.055			29419:37:334F	02-254/09:03:19	1T
2093	254 23:20:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9163 (D/L ONLY)					1DP
2094	254 23:40:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9162					1DP
2095	254 23:42:20	31	60 SET			10 DEGREE SET DSC-60					1V
2096	255 00:00:00	31				VGR-31 OWLT IS 11H 55M 05S					1L
2097	255 03:06:37	31	40RISE			10 DEGREE RISE DSC-40					1V
2098	255 06:00:00	31	45 AO	OPCH ACE		AOS DSS-45 PASS-9163 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2099	255 06:20:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9163					1DP
2100	255 07:08:21	31	10 SET			10 DEGREE SET DSC-10					1V
2101	255 11:10:00	31	45 LO	OPCH ACE		LOS DSS-45 PASS-9163					1DP
2102	255 12:00:00	31				VGR-31 OWLT IS 11H 55M 11S					1L
2103	255 12:03:19	31	60RISE			10 DEGREE RISE DSC-60					1V
2104	255 12:12:39	31	40 SET			10 DEGREE SET DSC-40					1V
2105	255 17:15:00	31	54 AO	OPCH ACE		AOS DSS-54 PASS-9163 (D/L ONLY)					1DP
2106	255 19:36:05	31	10RISE			10 DEGREE RISE DSC-10					1V
2107	255 20:06:15	31				B- RFSTLC			29448:32:001F	02-255/08:10:59	1TB
2108	255 20:37:23	31	54	OPCH 54		== START TLC TEST DOWN-LINK ==					1TD
2109	255 20:55:51	31				B- UVSLEW			29449:34:001F	02-255/09:00:35	1TB
2110	255 20:55:51	31				SLEW TO HELIO-8B			29449:34:001F	02-255/09:00:35	1T
2111	255 20:55:51	31				B- PLATPOA			29449:34:001F	02-255/09:00:35	1TB
2112	255 20:55:51	31			AC7SPK	(1 12 2 082 047) EL SLEW R=LOW	AACS		29449:34:003F	02-255/09:00:36	1ECa
2113	255 20:57:47	31				B- SLEND			29449:36:334F	02-255/09:02:31	1TB
2114	255 20:57:47	31			SLEWEND	AZ=319.959 EL=156.010 CO=160.934			29449:36:334F	02-255/09:02:31	1T
2115	255 21:38:23	31	54	OPCH 54		== END TLC TEST DOWN-LINK ==					1TD
2116	255 21:40:00	31	54 LO	OPCH ACE		LOS DSS-54 PASS-9163					1DP
2117	255 23:38:23	31	60 SET			10 DEGREE SET DSC-60					1V
2118	256 00:00:00	31				VGR-31 OWLT IS 11H 55M 17S					1L
2119	256 01:30:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9164 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2120	256 03:02:40	31	40RISE			10 DEGREE RISE DSC-40					1V
2121	256 05:40:00	31	34 AO	OPCH ACE		AOS DSS-34 PASS-9164 (D/L ONLY)					1DP
2122	256 06:00:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9164					1DP
2123	256 07:04:24	31	10 SET			10 DEGREE SET DSC-10					1V
2124	256 10:10:00	31	34 LO	OPCH ACE		LOS DSS-34 PASS-9164					1DP
2125	256 11:59:25	31	60RISE			10 DEGREE RISE DSC-60					1V
2126	256 12:00:00	31				VGR-31 OWLT IS 11H 55M 23S					1L
2127	256 12:08:45	31	40 SET			10 DEGREE SET DSC-40					1V
2128	256 18:05:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9164 (D/L ONLY)					1DP
2129	256 19:32:11	31	10RISE			10 DEGREE RISE DSC-10					1V
2130	256 20:56:03	31				B- UVSLEW			29479:34:001F	02-256/09:00:35	1TB
2131	256 20:56:03	31				SLEW TO HELIO-9B			29479:34:001F	02-256/09:00:35	1T
2132	256 20:56:03	31				B- PLATPOA			29479:34:001F	02-256/09:00:35	1TB
2133	256 20:56:03	31			AC7SPK	(1 12 1 075 125) EL SLEW R=LOW	AACS		29479:34:003F	02-256/09:00:36	1ECa
2134	256 20:57:59	31				B- SLEND			29479:36:334F	02-256/09:02:31	1TB
2135	256 20:57:59	31			SLEWEND	AZ=319.959 EL=165.030 CO=169.637			29479:36:334F	02-256/09:02:31	1T
2136	256 23:34:26	31	60 SET			10 DEGREE SET DSC-60					1V
2137	256 23:35:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9164					1DP
2138	257 00:00:00	31				VGR-31 OWLT IS 11H 55M 29S					1L
2139	257 01:30:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9165 (D/L ONLY)					1DP
2140	257 02:58:44	31	40RISE			10 DEGREE RISE DSC-40					1V
2141	257 06:15:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9165					1DP
2142	257 07:00:28	31	10 SET			10 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2143	257 10:24:10	31			AC7SSB	(4 +142) SS BIAS CONTROL --- YAW	AACS		29496:24:003F	02-256/22:28:36	1ECa
2144	257 11:55:31	31	60RISE			10 DEGREE RISE DSC-60					1V
2145	257 12:00:00	31				VGR-31 OWLT IS 11H 55M 35S					1L
2146	257 12:04:50	31	40 SET			10 DEGREE SET DSC-40					1V
2147	257 17:50:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9165 (D/L ONLY)					1DP
2148	257 19:28:16	31	10RISE			10 DEGREE RISE DSC-10					1V
2149	257 20:56:15	31				B- UVSLEW			29509:34:001F	02-257/09:00:35	1TB
2150	257 20:56:15	31				SLEW TO HELIO-10B			29509:34:001F	02-257/09:00:35	1T
2151	257 20:56:15	31				B- PLATPOA			29509:34:001F	02-257/09:00:35	1TB
2152	257 20:56:15	31			AC7SPK	(1 12 1 068 036) EL SLEW R=LOW	AACS		29509:34:003F	02-257/09:00:36	1ECa
2153	257 20:58:23	31				B- SLEND			29509:36:534F	02-257/09:02:43	1TB
2154	257 20:58:23	31			SLEWEND	AZ=319.959 EL=175.032 CO=176.412			29509:36:534F	02-257/09:02:43	1T
2155	257 22:25:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9166 (D/L ONLY)					1DP
2156	257 22:45:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9165					1DP
2157	257 23:30:29	31	60 SET			10 DEGREE SET DSC-60					1V
2158	258 00:00:00	31				VGR-31 OWLT IS 11H 55M 40S					1L
2159	258 02:54:47	31	40RISE			10 DEGREE RISE DSC-40					1V
2160	258 05:55:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9166					1DP
2161	258 06:56:31	31	10 SET			10 DEGREE SET DSC-10					1V
2162	258 11:51:37	31	60RISE			10 DEGREE RISE DSC-60					1V
2163	258 12:00:00	31				VGR-31 OWLT IS 11H 55M 46S					1L
2164	258 12:00:56	31	40 SET			10 DEGREE SET DSC-40					1V
2165	258 18:15:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9166 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2166	258 18:15:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9166 (D/L ONLY)					1DP
2167	258 19:24:22	31	10RISE			10 DEGREE RISE DSC-10					1V
2168	258 20:56:27	31				B- UVSLEW			29539:34:001F	02-258/09:00:35	1TB
2169	258 20:56:27	31				SLEW TO MIDPNT			29539:34:001F	02-258/09:00:35	1T
2170	258 20:56:27	31				B- PLATPOB			29539:34:001F	02-258/09:00:35	1TB
2171	258 20:56:27	31			AC7SPK	(1 12 1 093 214) EL SLEW R=LOW	AACS		29539:34:003F	02-258/09:00:36	1ECa
2172	258 20:56:27	31			AC7SPK	(2 12 1 165 129) AZ SLEW R=LOW	AACS		29539:34:005F	02-258/09:00:36	1ECa
2173	258 21:23:59	31				B- SLEND			29540:08:334F	02-258/09:28:07	1TB
2174	258 21:23:59	31			SLEWEND	AZ=219.984 EL=140.021 CO=135.380			29540:08:334F	02-258/09:28:07	1T
2175	258 23:05:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9167 (D/L ONLY)					1DP
2176	258 23:25:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9166					1DP
2177	258 23:25:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9166					1DP
2178	258 23:26:33	31	60 SET			10 DEGREE SET DSC-60					1V
2179	259 00:00:00	31				VGR-31 OWLT IS 11H 55M 52S					1L
2180	259 02:50:50	31	40RISE			10 DEGREE RISE DSC-40					1V
2181	259 03:05:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9167					1DP
2182	259 06:52:35	31	10 SET			10 DEGREE SET DSC-10					1V
2183	259 11:47:43	31	60RISE			10 DEGREE RISE DSC-60					1V
2184	259 11:57:02	31	40 SET			10 DEGREE SET DSC-40					1V
2185	259 12:00:00	31				VGR-31 OWLT IS 11H 55M 58S					1L
2186	259 14:25:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9167 (D/L ONLY)					1DP
2187	259 19:20:28	31	10RISE			10 DEGREE RISE DSC-10					1V
2188	259 20:56:38	31				B- UVSLEW			29569:34:001F	02-259/09:00:35	1TB

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2189	259 20:56:38	31				SLEW TO HELIO-11B			29569:34:001F	02-259/09:00:35	1T
2190	259 20:56:38	31				B- PLATPOB			29569:34:001F	02-259/09:00:35	1TB
2191	259 20:56:38	31			AC7SPK	(2 12 2 098 079) AZ SLEW R=LOW	AACS		29569:34:003F	02-259/09:00:36	1ECa
2192	259 20:56:38	31			AC7SPK	(1 12 2 068 132) EL SLEW R=LOW	AACS		29569:34:005F	02-259/09:00:36	1ECa
2193	259 21:23:17	31				B- SLEND			29570:07:234F	02-259/09:27:13	1TB
2194	259 21:23:17	31			SLEWEND	AZ=125.000 EL=176.032 CO=170.560			29570:07:234F	02-259/09:27:13	1T
2195	259 22:35:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9167					1DP
2196	259 23:22:36	31	60 SET			10 DEGREE SET DSC-60					1V
2197	260 00:00:00	31				VGR-31 OWLT IS 11H 56M 04S					1L
2198	260 01:20:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9168 (D/L ONLY)					1DP
2199	260 02:46:54	31	40RISE			10 DEGREE RISE DSC-40					1V
2200	260 05:45:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9168					1DP
2201	260 06:48:38	31	10 SET			10 DEGREE SET DSC-10					1V
2202	260 11:43:49	31	60RISE			10 DEGREE RISE DSC-60					1V
2203	260 11:53:08	31	40 SET			10 DEGREE SET DSC-40					1V
2204	260 12:00:00	31				VGR-31 OWLT IS 11H 56M 10S					1L
2205	260 18:10:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9168 (U/L PASS)					1DP
2206	260 19:16:34	31	10RISE			10 DEGREE RISE DSC-10					1V
2207	260 19:45:00	31	63	OPCH 63		== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==					1TD
2208	260 19:45:00	31	63	OPCH 63		== TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL)					1TD







FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2238	261 06:38:31	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	29611:41:001F	02-260/18:42:11	1ESf
2239	261 06:38:31	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		29611:41:002F	02-260/18:42:12	1ECs
2240	261 06:38:32	31				B- DRCRUS			29611:41:018F	02-260/18:42:12	1TB
2241	261 06:38:32	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		29611:41:026F	02-260/18:42:13	1ECf
2242	261 06:39:19	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	29611:42:001F	02-260/18:42:59	1ESf
2243	261 06:39:19	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		29611:42:002F	02-260/18:43:00	1ECd
2244	261 06:39:19	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:1440	DTR		29611:42:002F	02-260/18:43:00	1ESd
2245	261 06:39:19	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		29611:42:002F	02-260/18:43:00	1ECs
2246	261 06:40:07	31			SC32AJ	(11) PLS CONFIG CMD	FDS		29611:43:010F	02-260/18:43:48	1ECf
2247	261 06:40:08	31				END PWSREC.31			29611:43:018F	02-260/18:43:48	1T
2248	261 06:44:42	31	10 SET			10 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2249	261 11:39:55	31	60RISE			10 DEGREE RISE DSC-60					1V
2250	261 11:49:15	31	40 SET			10 DEGREE SET DSC-40					1V
2251	261 12:00:00	31				VGR-31 OWLT IS 11H 56M 22S					1L
2252	261 15:55:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9169 (D/L ONLY)					1DP
2253	261 19:12:40	31	10RISE			10 DEGREE RISE DSC-10					1V
2254	261 19:37:01	31				B- RFSTLC			29627:54:001F	02-261/07:40:35	1TB
2255	261 20:04:44	31	65	OPCH 65		== START TLC TEST DOWN-LINK ==					1TD
2256	261 20:57:02	31				B- UVSLEW			29629:34:001F	02-261/09:00:35	1TB
2257	261 20:57:02	31				SLEW TO HELIO-13B			29629:34:001F	02-261/09:00:35	1T
2258	261 20:57:02	31				B- PLATPOA			29629:34:001F	02-261/09:00:35	1TB
2259	261 20:57:02	31			AC7SPK	(1 12 2 084 117) EL SLEW R=LOW	AACS		29629:34:003F	02-261/09:00:36	1ECa
2260	261 20:59:28	31				B- SLEND			29629:37:034F	02-261/09:03:01	1TB
2261	261 20:59:28	31			SLEWEND	AZ=125.000 EL=154.029 CO=149.499			29629:37:034F	02-261/09:03:01	1T
2262	261 21:05:44	31	65	OPCH 65		== END TLC TEST DOWN-LINK ==					1TD
2263	261 22:30:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9169					1DP
2264	261 23:14:43	31	60 SET			10 DEGREE SET DSC-60					1V
2265	262 00:00:00	31				VGR-31 OWLT IS 11H 56M 27S					1L
2266	262 01:05:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9170 (D/L ONLY)					1DP
2267	262 02:39:01	31	40RISE			10 DEGREE RISE DSC-40					1V
2268	262 05:40:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9170					1DP
2269	262 06:40:46	31	10 SET			10 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2270	262 11:36:01	31	60RISE			10 DEGREE RISE DSC-60					1V
2271	262 11:45:21	31	40 SET			10 DEGREE SET DSC-40					1V
2272	262 12:00:00	31				VGR-31 OWLT IS 11H 56M 33S					1L
2273	262 17:43:36	31			AC7SSB	(4 +143) SS BIAS CONTROL --- YAW	AACS		29655:32:003F	02-262/05:47:00	1ECa
2274	262 17:50:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9170 (D/L ONLY)					1DP
2275	262 19:08:45	31	10RISE			10 DEGREE RISE DSC-10					1V
2276	262 20:57:14	31				B- UVSLEW			29659:34:001F	02-262/09:00:35	1TB
2277	262 20:57:14	31				SLEW TO HELIO-14B			29659:34:001F	02-262/09:00:35	1T
2278	262 20:57:14	31				B- PLATPOA			29659:34:001F	02-262/09:00:35	1TB
2279	262 20:57:14	31			AC7SPK	(1 12 2 090 170) EL SLEW R=LOW	AACS		29659:34:003F	02-262/09:00:36	1ECa
2280	262 20:59:10	31				B- SLEND			29659:36:334F	02-262/09:02:31	1TB
2281	262 20:59:10	31			SLEWEND	AZ=125.000 EL=145.017 CO=140.624			29659:36:334F	02-262/09:02:31	1T
2282	262 23:10:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9170					1DP
2283	262 23:10:47	31	60 SET			10 DEGREE SET DSC-60					1V
2284	262 23:30:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9171 (D/L ONLY)					1DP
2285	263 00:00:00	31				VGR-31 OWLT IS 11H 56M 39S					1L
2286	263 02:35:04	31	40RISE			10 DEGREE RISE DSC-40					1V
2287	263 05:45:00	31	34 AO	OPCH ACE		AOS DSS-34 PASS-9171 (D/L ONLY)					1DP
2288	263 05:55:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9171					1DP
2289	263 06:36:50	31	10 SET			10 DEGREE SET DSC-10					1V
2290	263 09:45:00	31	34 LO	OPCH ACE		LOS DSS-34 PASS-9171					1DP
2291	263 11:32:08	31	60RISE			10 DEGREE RISE DSC-60					1V
2292	263 11:41:27	31	40 SET			10 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2293	263 12:00:00	31				VGR-31 OWLT IS 11H 56M 45S					1L
2294	263 17:45:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9171 (D/L ONLY)					1DP
2295	263 19:04:51	31	10RISE			10 DEGREE RISE DSC-10					1V
2296	263 20:57:25	31				B- UVSLEW			29689:34:001F	02-263/09:00:35	1TB
2297	263 20:57:25	31				SLEW TO HELIO-15B			29689:34:001F	02-263/09:00:35	1T
2298	263 20:57:25	31				B- PLATPOA			29689:34:001F	02-263/09:00:35	1TB
2299	263 20:57:25	31			AC7SPK	(1 12 1 097 119) EL SLEW R=LOW	AACS		29689:34:003F	02-263/09:00:36	1ECa
2300	263 20:59:30	31				B- SLEND			29689:36:484F	02-263/09:02:40	1TB
2301	263 20:59:30	31			SLEWEND	AZ=125.000 EL=135.219 CO=130.896			29689:36:484F	02-263/09:02:40	1T
2302	263 22:45:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9172 (D/L ONLY)					1DP
2303	263 23:05:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9171					1DP
2304	263 23:06:50	31	60 SET			10 DEGREE SET DSC-60					1V
2305	264 00:00:00	31				VGR-31 OWLT IS 11H 56M 51S					1L
2306	264 02:31:08	31	40RISE			10 DEGREE RISE DSC-40					1V
2307	264 05:45:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9172					1DP
2308	264 06:32:53	31	10 SET			10 DEGREE SET DSC-10					1V
2309	264 09:36:43	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		29705:23:002F	02-263/21:39:48	1ECd
2310	264 09:36:43	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:1446	DTR		29705:23:002F	02-263/21:39:48	1ESd
2311	264 09:50:03	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		29705:39:525F	02-263/21:53:07	1ECd



FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2327	264 12:38:21	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		29709:10:009F	02-264/00:41:24	1ECf
2328	264 12:39:05	31				BEGIN RECORDING PWS DATA			29709:10:734F	02-264/00:42:07	1T
2329	264 12:39:05	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		29709:10:735F	02-264/00:42:08	1ECd
2330	264 12:39:05	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:1158	DTR		29709:10:735F	02-264/00:42:08	1ESd
2331	264 12:39:09	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	29709:11:001F	02-264/00:42:11	1ESf
2332	264 12:39:09	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		29709:11:002F	02-264/00:42:12	1ECs
2333	264 12:39:10	31				B- DRCRUS			29709:11:018F	02-264/00:42:12	1TB
2334	264 12:39:10	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		29709:11:026F	02-264/00:42:13	1ECf
2335	264 12:39:57	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	29709:12:001F	02-264/00:42:59	1ESf
2336	264 12:39:57	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		29709:12:002F	02-264/00:43:00	1ECd

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2337	264 12:39:57	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:1451	DTR		29709:12:002F	02-264/00:43:00	1ESd
2338	264 12:39:57	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		29709:12:002F	02-264/00:43:00	1ECs
2339	264 12:40:45	31			SC32AJ	(11) PLS CONFIG CMD	FDS		29709:13:009F	02-264/00:43:48	1ECF
2340	264 12:40:46	31				END PWSREC.31			29709:13:018F	02-264/00:43:48	1T
2341	264 14:46:22	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		29711:50:002F	02-264/02:49:24	1ECd
2342	264 14:46:22	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:1457	DTR		29711:50:002F	02-264/02:49:24	1ESd
2343	264 14:46:52	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		29711:50:502F	02-264/02:49:54	1ECd
2344	264 14:46:52	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1446	DTR		29711:50:502F	02-264/02:49:54	1ESd
2345	264 17:45:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9172 (D/L ONLY)					1DP
2346	264 17:46:23	31			CC16C	(7015) DTR STATE SELECT: READY	DTR		29715:35:002F	02-264/05:49:24	1ECd
2347	264 17:46:23	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:1446	DTR		29715:35:002F	02-264/05:49:24	1ESd
2348	264 19:00:57	31	10RISE			10 DEGREE RISE DSC-10					1V
2349	264 20:57:37	31				B- UVSLEW			29719:34:001F	02-264/09:00:35	1TB
2350	264 20:57:37	31				SLEW TO HELIO-16B			29719:34:001F	02-264/09:00:35	1T



FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2351	264 20:57:37	31				B- PLATPOA			29719:34:001F	02-264/09:00:35	1TB
2352	264 20:57:37	31			AC7SPK	(1 12 2 111 206) EL SLEW R=LOW	AACS		29719:34:003F	02-264/09:00:36	1ECa
2353	264 21:02:00	31				B- SLEND			29719:39:384F	02-264/09:04:58	1TB
2354	264 21:02:00	31			SLEWEND	AZ=125.000 EL=114.058 CO=109.810			29719:39:384F	02-264/09:04:58	1T
2355	264 22:40:00	31	15	AO	OPCH ACE	AOS DSS-15 PASS-9173 (D/L ONLY)					1DP
2356	264 23:00:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-9172					1DP
2357	264 23:02:54	31	60	SET		10 DEGREE SET DSC-60					1V
2358	265 00:00:00	31				VGR-31 OWLT IS 11H 57M 02S					1L
2359	265 02:27:12	31	40	RISE		10 DEGREE RISE DSC-40					1V
2360	265 05:40:00	31	15	LO	OPCH ACE	LOS DSS-15 PASS-9173					1DP
2361	265 06:28:57	31	10	SET		10 DEGREE SET DSC-10					1V
2362	265 11:24:20	31	60	RISE		10 DEGREE RISE DSC-60					1V
2363	265 11:33:39	31	40	SET		10 DEGREE SET DSC-40					1V
2364	265 12:00:00	31				VGR-31 OWLT IS 11H 57M 08S					1L
2365	265 18:00:00	31	63	AO	OPCH ACE	AOS DSS-63 PASS-9173 (D/L ONLY)					1DP
2366	265 18:57:04	31	10	RISE		10 DEGREE RISE DSC-10					1V
2367	265 20:57:49	31				B- UVSLEW			29749:34:001F	02-265/09:00:35	1TB
2368	265 20:57:49	31				SLEW TO HELIO-17B			29749:34:001F	02-265/09:00:35	1T
2369	265 20:57:49	31				B- PLATPOA			29749:34:001F	02-265/09:00:35	1TB
2370	265 20:57:49	31			AC7SPK	(1 12 1 127 093) EL SLEW R=LOW	AACS		29749:34:003F	02-265/09:00:36	1ECa
2371	265 21:02:34	31				B- SLEND			29749:39:751F	02-265/09:05:20	1TB
2372	265 21:02:34	31			SLEWEND	AZ=125.000 EL=91.051 CO=86.884			29749:39:751F	02-265/09:05:20	1T
2373	265 21:10:00	31	25	AO	OPCH ACE	AOS DSS-25 PASS-9174 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2374	265 21:30:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9173					1DP
2375	265 22:58:58	31	60 SET			10 DEGREE SET DSC-60					1V
2376	266 00:00:00	31				VGR-31 OWLT IS 11H 57M 14S					1L
2377	266 02:23:15	31	40RISE			10 DEGREE RISE DSC-40					1V
2378	266 05:40:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9174					1DP
2379	266 06:25:01	31	10 SET			10 DEGREE SET DSC-10					1V
2380	266 11:20:26	31	60RISE			10 DEGREE RISE DSC-60					1V
2381	266 11:29:46	31	40 SET			10 DEGREE SET DSC-40					1V
2382	266 12:00:00	31				VGR-31 OWLT IS 11H 57M 20S					1L
2383	266 17:30:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9174 (D/L ONLY)					1DP
2384	266 18:53:10	31	10RISE			10 DEGREE RISE DSC-10					1V
2385	266 20:58:00	31				B- UVSLEW			29779:34:001F	02-266/09:00:35	1TB
2386	266 20:58:00	31				SLEW TO HELIO-18B			29779:34:001F	02-266/09:00:35	1T
2387	266 20:58:00	31				B- PLATPOA			29779:34:001F	02-266/09:00:35	1TB
2388	266 20:58:00	31			AC7SPK	(1 12 2 141 138) EL SLEW R=LOW	AACS		29779:34:003F	02-266/09:00:36	1ECa
2389	266 21:02:09	31				B- SLEND			29779:39:151F	02-266/09:04:44	1TB
2390	266 21:02:09	31			SLEWEND	AZ=125.000 EL=71.042 CO=66.969			29779:39:151F	02-266/09:04:44	1T
2391	266 21:50:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9175 (D/L ONLY)					1DP
2392	266 22:10:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9174					1DP
2393	266 22:55:01	31	60 SET			10 DEGREE SET DSC-60					1V
2394	267 00:00:00	31				VGR-31 OWLT IS 11H 57M 26S					1L
2395	267 02:19:19	31	40RISE			10 DEGREE RISE DSC-40					1V
2396	267 05:25:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9175					1DP

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2397	267 06:21:05	31	10	SET		10 DEGREE SET DSC-10					1V
2398	267 06:30:00	31	43	AO	OPCH ACE	AOS DSS-43 PASS-9175 (D/L ONLY)					1DP
2399	267 09:15:00	31	43	LO	OPCH ACE	LOS DSS-43 PASS-9175					1DP
2400	267 11:16:33	31	60	RISE		10 DEGREE RISE DSC-60					1V
2401	267 11:25:52	31	40	SET		10 DEGREE SET DSC-40					1V
2402	267 12:00:00	31				VGR-31 OWLT IS 11H 57M 31S					1L
2403	267 17:45:00	31	63	AO	OPCH ACE	AOS DSS-63 PASS-9175 (U/L PASS)					1DP
2404	267 18:30:10	31				B- GYONAB.31			29806:29:001F	02-267/06:32:35	1TB
2405	267 18:30:10	31				BEGIN GYONAB31			29806:29:001F	02-267/06:32:35	1T
2406	267 18:30:10	31			AC7GYP	(000) DRIRU PATTERN CONTROL GYRO/AXIS=A/PITCH & YAW B/ROLL	AACS		29806:29:003F	02-267/06:32:36	1ECa
2407	267 18:30:10	31			CC7GCRP	GYRO C OFF	PWR		29806:29:004F	02-267/06:32:36	1ECp
2408	267 18:30:10	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS	29806:29:004F	02-267/06:32:36	1ESa	
2409	267 18:30:10	31			CC7GCRP	GYRO C OFF	PWR		29806:29:006F	02-267/06:32:36	1ECp
2410	267 18:30:10	31			CC7PC	(372) GYRO C OFF	AACS		29806:29:008F	02-267/06:32:36	1ECa
2411	267 18:30:10	31			CC7GBP	GYRO B ON	PWR		29806:29:009F	02-267/06:32:36	1ECp
2412	267 18:30:10	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS	29806:29:009F	02-267/06:32:36	1ESa	
2413	267 18:30:11	31			CC7GBP	GYRO B ON	PWR		29806:29:011F	02-267/06:32:36	1ECp
2414	267 18:30:11	31			CC7PC	(363) GYRO B ON	AACS		29806:29:013F	02-267/06:32:36	1ECa

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2415	267 18:30:11	31			CC7GAP	GYRO A ON	PWR		29806:29:014F	02-267/06:32:36	1ECp
2416	267 18:30:11	31				AACS STATUS MODE : CRU GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		29806:29:014F	02-267/06:32:36	1ESa
2417	267 18:30:11	31			CC7GAP	GYRO A ON	PWR		29806:29:016F	02-267/06:32:36	1ECp
2418	267 18:30:11	31			CC7PC	(353) GYRO A ON	AACS		29806:29:018F	02-267/06:32:36	1ECa
2419	267 18:30:39	31				DRIRU INITIALIZATION			29806:29:484F	02-267/06:33:04	1T
2420	267 18:30:40	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		29806:29:502F	02-267/06:33:06	1ECa
2421	267 18:31:09	31				SET CALIB			29806:30:184F	02-267/06:33:34	1T
2422	267 18:31:10	31			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		29806:30:204F	02-267/06:33:36	1ECa
2423	267 18:40:09	31				START GYRO FAULT TEST			29806:41:384F	02-267/06:42:34	1T
2424	267 18:40:10	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		29806:41:402F	02-267/06:42:36	1ECa
2425	267 18:40:11	31				END GYONAB31			29806:41:418F	02-267/06:42:36	1T
2426	267 18:49:16	31	10RISE			10 DEGREE RISE DSC-10					1V
2427	267 19:20:00	31	63	OPCH 63		== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==					1TD
2428	267 19:20:00	31	63	OPCH 63		== TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL)					1TD
2429	267 19:21:00	31	63	OPCH 63		== TLC TEST UP-LINK == TURN COMMAND MOD OFF (IF APPL) NO COMMANDING FOR 1 HR 56 MIN					1TD





FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2459	268 06:15:53	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		29821:11:026F	02-267/18:18:13	1ECf
2460	268 06:16:40	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	29821:12:001F	02-267/18:18:59	1ESf
2461	268 06:16:40	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		29821:12:002F	02-267/18:19:00	1ECd
2462	268 06:16:40	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:1739	DTR		29821:12:002F	02-267/18:19:00	1ESd
2463	268 06:16:40	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		29821:12:002F	02-267/18:19:00	1ECs
2464	268 06:17:09	31	10	SET		10 DEGREE SET DSC-10					1V
2465	268 06:17:28	31			SC32AJ	(11) PLS CONFIG CMD	FDS		29821:13:010F	02-267/18:19:48	1ECf
2466	268 06:17:29	31				END PWSREC.31			29821:13:018F	02-267/18:19:48	1T
2467	268 11:12:39	31	60	RISE		10 DEGREE RISE DSC-60					1V
2468	268 11:21:58	31	40	SET		10 DEGREE SET DSC-40					1V
2469	268 12:00:00	31				VGR-31 OWLT IS 11H 57M 43S					1L
2470	268 16:10:00	31	54	AO	OPCH ACE	AOS DSS-54 PASS-9176 (D/L ONLY)					1DP
2471	268 18:45:22	31	10	RISE		10 DEGREE RISE DSC-10					1V
2472	268 19:13:34	31				B- RFSTLC			29837:23:001F	02-268/07:15:47	1TB
2473	268 19:42:26	31	54		OPCH 54	== START TLC TEST DOWN-LINK ==					1TD

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2474	268 20:43:26	31	54	OPCH 54		== END TLC TEST DOWN-LINK ==					1TD
2475	268 20:50:00	31	54 LO	OPCH ACE		LOS DSS-54 PASS-9176					1DP
2476	268 20:58:23	31				B- UVSLEW			29839:34:001F	02-268/09:00:35	1TB
2477	268 20:58:23	31				SLEW TO HELIO-20B			29839:34:001F	02-268/09:00:35	1T
2478	268 20:58:23	31				B- PLATPOA			29839:34:001F	02-268/09:00:35	1TB
2479	268 20:58:23	31			AC7SPK	(1 12 2 173 176) EL SLEW R=LOW	AACS		29839:34:003F	02-268/09:00:36	1ECa
2480	268 21:03:08	31				B- SLEND			29839:39:751F	02-268/09:05:20	1TB
2481	268 21:03:08	31			SLEWEND	AZ=125.000 EL=25.026 CO=21.429			29839:39:751F	02-268/09:05:20	1T
2482	268 22:47:09	31	60 SET			10 DEGREE SET DSC-60					1V
2483	269 00:00:00	31				VGR-31 OWLT IS 11H 57M 49S					1L
2484	269 00:45:00	31	15 AO	OPCH ACE		AOS DSS-15 PASS-9177 (D/L ONLY)					1DP
2485	269 02:11:27	31	40RISE			10 DEGREE RISE DSC-40					1V
2486	269 05:25:00	31	15 LO	OPCH ACE		LOS DSS-15 PASS-9177					1DP
2487	269 06:13:13	31	10 SET			10 DEGREE SET DSC-10					1V
2488	269 11:08:46	31	60RISE			10 DEGREE RISE DSC-60					1V
2489	269 11:18:05	31	40 SET			10 DEGREE SET DSC-40					1V
2490	269 12:00:00	31				VGR-31 OWLT IS 11H 57M 54S					1L
2491	269 18:41:28	31	10RISE			10 DEGREE RISE DSC-10					1V
2492	269 19:00:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9177 (D/L ONLY)					1DP
2493	269 22:43:13	31	60 SET			10 DEGREE SET DSC-60					1V
2494	269 22:45:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9177					1DP
2495	270 00:00:00	31				VGR-31 OWLT IS 11H 58M 00S					1L





FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2513	270 15:01:07	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	29892:07:001F	02-270/03:02:59	1ESf
2514	270 15:01:07	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		29892:07:002F	02-270/03:03:00	1ECs
2515	270 15:07:32	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR COMMANDED TURN D/L AGC VARIATIONS EXPECTED					11EC
2516	270 15:09:32	31			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		29892:17:419F	02-270/03:11:25	1ECa
2517	270 15:09:32	31				AACS STATUS MODE : AAI GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		29892:17:419F	02-270/03:11:25	1ESa
2518	270 15:09:32	31			CC7GCRP	GYRO C OFF	PWR		29892:17:420F	02-270/03:11:25	1ECp
2519	270 15:09:32	31			CC7GCRP	GYRO C OFF	PWR		29892:17:422F	02-270/03:11:25	1ECp
2520	270 15:09:32	31			CC7PC	(372) GYRO C OFF	AACS		29892:17:424F	02-270/03:11:25	1ECa
2521	270 15:09:32	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		29892:17:425F	02-270/03:11:25	1ECp
2522	270 15:09:32	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		29892:17:427F	02-270/03:11:25	1ECp
2523	270 15:09:33	31			CC7PC	(312) DUMMY PWR CMD	AACS		29892:17:429F	02-270/03:11:25	1ECa
2524	270 15:12:32	31			AC7TCD	(322 033605) TURN COMMAND AXIS=ROLL POL=NEG RNG SCALE=X10	AACS		29892:21:220F	02-270/03:14:25	1ECa
2525	270 18:37:34	31	10RISE			10 DEGREE RISE DSC-10					1V
2526	270 19:40:46	31			SC32AJ	(10) PLS CONFIG CMD	FDS		29897:56:426F	02-270/07:42:37	1ECf
2527	270 20:14:18	31			SC32AJ	(11) PLS CONFIG CMD	FDS		29898:38:342F	02-270/08:16:08	1ECf
2528	270 20:50:38	31			CC7PC	(345) CMDED TURN COMPLETE	AACS		29899:23:670F	02-270/08:52:28	1ECa

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2529	270 20:50:39	31				ROLL TURN COMPLETE (NOMINAL)			29899:23:684F	02-270/08:52:28	1T
2530	270 20:51:35	31			SC32AJ	(11) PLS CONFIG CMD	FDS		29899:25:026F	02-270/08:53:25	1ECf
2531	270 21:00:35	31				RESET CALIB			29899:36:218F	02-270/09:02:24	1T
2532	270 21:00:35	31			AC7PAR	(7530 000000) PARAMETER LOAD	AACS		29899:36:220F	02-270/09:02:25	1ECa
2533	270 21:01:05	31			CC7SS	(1) SS SEARCH ENABLE	AACS		29899:36:719F	02-270/09:02:55	1ECa
2534	270 21:01:05	31				AACS STATUS MODE : RAI GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS	29899:36:719F	02-270/09:02:55	1ESa	
2535	270 21:01:05	31			CC7PC	(327) IDET ACQUIRED	AACS		29899:36:719F	02-270/09:02:55	1ECa
2536	270 21:01:05	31			CC7GCRP	GYRO C OFF	PWR		29899:36:720F	02-270/09:02:55	1ECp
2537	270 21:01:05	31			CC7GCRP	GYRO C OFF	PWR		29899:36:722F	02-270/09:02:55	1ECp
2538	270 21:01:05	31			CC7PC	(372) GYRO C OFF	AACS		29899:36:724F	02-270/09:02:55	1ECa
2539	270 21:01:05	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		29899:36:725F	02-270/09:02:55	1ECp
2540	270 21:01:05	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		29899:36:727F	02-270/09:02:55	1ECp
2541	270 21:01:06	31			CC7PC	(312) DUMMY PWR CMD	AACS		29899:36:729F	02-270/09:02:55	1ECa
2542	270 21:02:46	31				B- MISCMD			29899:39:001F	02-270/09:04:35	1TB
2543	270 21:02:46	31				MISCMD - CALIB FLAG			29899:39:001F	02-270/09:04:35	1T
2544	270 21:02:46	31			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		29899:39:004F	02-270/09:04:36	1ECa
2545	270 21:07:05	31			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		29899:44:319F	02-270/09:08:55	1ECa
2546	270 21:08:10	31				GYROS OFF			29899:45:601F	02-270/09:09:59	1T

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2547	270 21:08:10	31				AACS STATUS MODE : CRU GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		29899:45:602F	02-270/09:10:00	1ESa
2548	270 21:08:10	31			CC7PC	(307) STAR ACQUIRED	AACS		29899:45:602F	02-270/09:10:00	1ECa
2549	270 21:08:10	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		29899:45:603F	02-270/09:10:00	1ECp
2550	270 21:08:10	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		29899:45:605F	02-270/09:10:00	1ECp
2551	270 21:08:10	31			CC7PC	(312) DUMMY PWR CMD	AACS		29899:45:607F	02-270/09:10:00	1ECa
2552	270 21:15:22	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2553	270 21:15:22	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
2554	270 21:16:35	31				B- YAWDB			29899:56:218F	02-270/09:18:24	1TB
2555	270 21:16:35	31				YAWDB - .10			29899:56:218F	02-270/09:18:24	1T
2556	270 21:16:35	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		29899:56:221F	02-270/09:18:25	1ECa
2557	270 21:19:35	31				B- DRCSR			29900:00:018F	02-270/09:21:24	1TB
2558	270 21:19:35	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		29900:00:026F	02-270/09:21:25	1ECf
2559	270 21:20:22	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	29900:01:001F	02-270/09:22:11	1ESf

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2560	270 21:20:22	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		29900:01:002F	02-270/09:22:12	1ECs
2561	270 21:20:23	31				END MAGROLAB31			29900:01:018F	02-270/09:22:12	1T
2562	270 22:39:17	31	60	SET		10 DEGREE SET DSC-60					1V
2563	270 22:40:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-9178					1DP
2564	270 23:30:00	31	25	AO	OPCH ACE	AOS DSS-25 PASS-9179 (D/L ONLY)					1DP
2565	271 00:00:00	31				VGR-31 OWLT IS 11H 58M 11S					1L
2566	271 02:03:34	31	40	RISE		10 DEGREE RISE DSC-40					1V
2567	271 05:05:00	31	25	LO	OPCH ACE	LOS DSS-25 PASS-9179					1DP
2568	271 06:05:21	31	10	SET		10 DEGREE SET DSC-10					1V
2569	271 09:14:04	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		29914:53:002F	02-270/21:15:48	1ECd
2570	271 09:14:04	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:1745	DTR		29914:53:002F	02-270/21:15:48	1ESd
2571	271 09:27:23	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		29915:09:526F	02-270/21:29:07	1ECd
2572	271 09:27:23	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1457	DTR		29915:09:526F	02-270/21:29:07	1ESd
2573	271 11:00:59	31	60	RISE		10 DEGREE RISE DSC-60					1V
2574	271 11:10:18	31	40	SET		10 DEGREE SET DSC-40					1V
2575	271 12:00:00	31				VGR-31 OWLT IS 11H 58M 17S					1L
2576	271 12:11:29	31			ACE OPCH	>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2577	271 12:11:29	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
2578	271 12:12:17	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
2579	271 12:12:17	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
2580	271 12:14:05	31			CC16C	(7017) DTR STATE SELECT: READY	DTR		29918:38:002F	02-271/00:15:48	1ECd
2581	271 12:14:05	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:1457	DTR		29918:38:002F	02-271/00:15:48	1ESd
2582	271 12:14:53	31				AHEL11 PWSREC 14			29918:39:001F	02-271/00:16:35	1T
2583	271 12:14:53	31				B- PWSREC.31			29918:39:001F	02-271/00:16:35	1TB
2584	271 12:14:53	31				BEGIN PWSREC.31			29918:39:001F	02-271/00:16:35	1T
2585	271 12:14:53	31			SC32AJ	(10) PLS CONFIG CMD	FDS		29918:39:009F	02-271/00:16:36	1ECf
2586	271 12:15:41	31				B- DRGS4B			29918:40:001F	02-271/00:17:23	1TB
2587	271 12:15:41	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		29918:40:009F	02-271/00:17:24	1ECf
2588	271 12:16:25	31				BEGIN RECORDING PWS DATA			29918:40:734F	02-271/00:18:07	1T
2589	271 12:16:25	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		29918:40:735F	02-271/00:18:08	1ECd
2590	271 12:16:25	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:1457	DTR		29918:40:735F	02-271/00:18:08	1ESd

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2591	271 12:16:29	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	29918:41:001F	02-271/00:18:11	1ESf
2592	271 12:16:29	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		29918:41:002F	02-271/00:18:12	1ECs
2593	271 12:16:30	31				B- DRCRUS			29918:41:018F	02-271/00:18:12	1TB
2594	271 12:16:30	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		29918:41:026F	02-271/00:18:13	1ECf
2595	271 12:17:17	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	29918:42:001F	02-271/00:18:59	1ESf
2596	271 12:17:17	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		29918:42:002F	02-271/00:19:00	1ECd
2597	271 12:17:17	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:1750	DTR		29918:42:002F	02-271/00:19:00	1ESd
2598	271 12:17:17	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		29918:42:002F	02-271/00:19:00	1ECs
2599	271 12:18:05	31			SC32AJ	(11) PLS CONFIG CMD	FDS		29918:43:009F	02-271/00:19:48	1ECf
2600	271 12:18:06	31				END PWSREC.31			29918:43:018F	02-271/00:19:48	1T
2601	271 14:14:54	31			AC7SSB	(3 +018) SS BIAS CONTROL - PITCH	AACS		29921:09:003F	02-271/02:16:36	1ECa

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2602	271 14:23:42	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		29921:20:002F	02-271/02:25:24	1ECd
2603	271 14:23:42	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:1756	DTR		29921:20:002F	02-271/02:25:24	1ESd
2604	271 14:24:12	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		29921:20:502F	02-271/02:25:54	1ECd
2605	271 14:24:12	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1745	DTR		29921:20:502F	02-271/02:25:54	1ESd
2606	271 17:20:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9179 (D/L ONLY)					1DP
2607	271 17:23:44	31			CC16C	(7015) DTR STATE SELECT: READY	DTR		29925:05:002F	02-271/05:25:24	1ECd
2608	271 17:23:44	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:1745	DTR		29925:05:002F	02-271/05:25:24	1ESd
2609	271 18:33:41	31	10RISE			10 DEGREE RISE DSC-10					1V
2610	271 19:30:57	31				B- MISCMD			29927:44:001F	02-271/07:32:35	1TB
2611	271 19:30:57	31				MISCMD - GYRO INIT			29927:44:001F	02-271/07:32:35	1T
2612	271 19:30:57	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		29927:44:002F	02-271/07:32:36	1ECa
2613	271 21:30:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9180 (D/L ONLY)					1DP
2614	271 21:30:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9180 (D/L ONLY)					1DP
2615	271 21:50:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9179					1DP
2616	271 22:35:21	31	60 SET			10 DEGREE SET DSC-60					1V
2617	272 00:00:00	31				VGR-31 OWLT IS 11H 58M 23S					1L
2618	272 01:59:38	31	40RISE			10 DEGREE RISE DSC-40					1V



FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2619	272 04:35:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9180					1DP
2620	272 04:35:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9180					1DP
2621	272 06:01:26	31	10 SET			10 DEGREE SET DSC-10					1V
2622	272 10:57:05	31	60RISE			10 DEGREE RISE DSC-60					1V
2623	272 11:06:24	31	40 SET			10 DEGREE SET DSC-40					1V
2624	272 12:00:00	31				VGR-31 OWLT IS 11H 58M 28S					1L
2625	272 14:15:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9180 (D/L ONLY)					1DP
2626	272 18:29:47	31	10RISE			10 DEGREE RISE DSC-10					1V
2627	272 21:25:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9181 (D/L ONLY)					1DP
2628	272 21:45:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9180					1DP
2629	272 22:31:25	31	60 SET			10 DEGREE SET DSC-60					1V
2630	273 00:00:00	31				VGR-31 OWLT IS 11H 58M 34S					1L
2631	273 00:55:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-9181 (D/L ONLY)					1DP
2632	273 01:00:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9181					1DP
2633	273 01:55:42	31	40RISE			10 DEGREE RISE DSC-40					1V
2634	273 05:57:30	31	10 SET			10 DEGREE SET DSC-10					1V
2635	273 06:00:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-9181					1DP
2636	273 08:22:26	31			AC7SSB	(4 +145) SS BIAS CONTROL --- YAW	AACS		29973:48:003F	02-272/20:23:48	1ECa
2637	273 10:53:12	31	60RISE			10 DEGREE RISE DSC-60					1V
2638	273 11:02:31	31	40 SET			10 DEGREE SET DSC-40					1V
2639	273 12:00:00	31				VGR-31 OWLT IS 11H 58M 40S					1L
2640	273 18:25:54	31	10RISE			10 DEGREE RISE DSC-10					1V
2641	273 21:00:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9182 (D/L ONLY)					1DP



FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2657	274 17:29:53	31	63	OPCH 63		START ASCAL =====					1TD
						DSS-63: MONITOR X-BD AGC VARIATIONS DURING ASCAL IF X-BD RCVR DROPS LOCK INITIATE AUTO ACQUIRE					
2658	274 17:30:41	31		ACE OPCH			FDS	CE-40	30015:13:001F	02-274/05:31:47	1ESF
						FDS STATUS EL-40/X40/S40 MEM:PA/FDS11					
2659	274 17:30:41	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		30015:13:002F	02-274/05:31:48	1ECs
2660	274 17:45:53	31				.05 ALL AXES DEADBAND			30015:32:001F	02-274/05:46:59	1T
2661	274 17:45:53	31			AC7DDB	(000480) CHG TO .05 DEG DEADBAND	AACS		30015:32:003F	02-274/05:47:00	1ECa
2662	274 18:01:54	31			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		30015:52:002F	02-274/06:03:00	1ECa
2663	274 18:01:54	31				AACS STATUS MODE : AAI GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		30015:52:002F	02-274/06:03:00	1ESa
2664	274 18:01:54	31			CC7GCRP	GYRO C OFF	PWR		30015:52:003F	02-274/06:03:00	1ECp
2665	274 18:01:54	31			CC7GCRP	GYRO C OFF	PWR		30015:52:005F	02-274/06:03:00	1ECp
2666	274 18:01:54	31			CC7PC	(372) GYRO C OFF	AACS		30015:52:007F	02-274/06:03:00	1ECa
2667	274 18:01:54	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		30015:52:008F	02-274/06:03:00	1ECp
2668	274 18:01:54	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		30015:52:010F	02-274/06:03:00	1ECp
2669	274 18:01:55	31			CC7PC	(312) DUMMY PWR CMD	AACS		30015:52:012F	02-274/06:03:00	1ECa

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT 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	274 18:02:40	31	63	OPCH 63		ASCAL =====					1TD
						START YAW DRIFT TURNS					
2671	274 18:02:42	31				START FIRST YAW DRIFT TURN			30015:53:001F	02-274/06:03:47	1T
2672	274 18:02:42	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		30015:53:004F	02-274/06:03:48	1ECa
2673	274 18:06:42	31			AC7PAR	(7015 764220) PARAMETER LOAD	AACS		30015:58:003F	02-274/06:07:48	1ECa
2674	274 18:14:42	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		30016:08:003F	02-274/06:15:48	1ECa
2675	274 18:18:41	31	63	OPCH 63		ASCAL =====					1TD
						END YAW DRIFT TURNS					
2676	274 18:18:42	31			AC7PAR	(7015 000000) PARAMETER LOAD	AACS		30016:13:004F	02-274/06:19:48	1ECa
2677	274 18:18:43	31				END THIRD YAW DRIFT TURN			30016:13:018F	02-274/06:19:48	1T
2678	274 18:19:28	31	63	OPCH 63		ASCAL =====					1TD
						START PITCH DRIFT TURNS					
2679	274 18:19:30	31				START FIRST PITCH DRIFT TURN			30016:14:001F	02-274/06:20:35	1T
2680	274 18:19:30	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		30016:14:003F	02-274/06:20:36	1ECa
2681	274 18:22:00	31	10RISE			10 DEGREE RISE DSC-10					1V
2682	274 18:23:30	31			AC7PAR	(7014 764220) PARAMETER LOAD	AACS		30016:19:004F	02-274/06:24:36	1ECa
2683	274 18:31:30	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		30016:29:004F	02-274/06:32:36	1ECa
2684	274 18:35:29	31	63	OPCH 63		ASCAL =====					1TD
						END PITCH DRIFT TURNS					



FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2702	274 18:39:47	31					AACS		30016:39:285F	02-274/06:40:52	1ESa
						AACS STATUS MODE : CRU GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF					
2703	274 18:39:47	31			CC7PC	(307) STAR ACQUIRED	AACS		30016:39:285F	02-274/06:40:52	1ECa
2704	274 18:39:47	31			CC7GCRP	GYRO C OFF	PWR		30016:39:286F	02-274/06:40:53	1ECp
2705	274 18:39:47	31			CC7GCRP	GYRO C OFF	PWR		30016:39:288F	02-274/06:40:53	1ECp
2706	274 18:39:47	31			CC7PC	(372) GYRO C OFF	AACS		30016:39:290F	02-274/06:40:53	1ECa
2707	274 18:39:47	31			CC7GBRP	GYRO B OFF	PWR		30016:39:290F	02-274/06:40:53	1ECp
2708	274 18:39:47	31					AACS		30016:39:290F	02-274/06:40:53	1ESa
						AACS STATUS MODE : CRU GYRO A: ON HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF					
2709	274 18:39:47	31			CC7GBRP	GYRO B OFF	PWR		30016:39:293F	02-274/06:40:53	1ECp
2710	274 18:39:48	31			CC7PC	(362) GYRO B OFF	AACS		30016:39:295F	02-274/06:40:53	1ECa
2711	274 18:39:48	31			CC7GARP	GYRO A OFF	PWR		30016:39:295F	02-274/06:40:53	1ECp
2712	274 18:39:48	31					AACS		30016:39:295F	02-274/06:40:53	1ESa
						AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF					
2713	274 18:39:48	31			CC7GARP	GYRO A OFF	PWR		30016:39:297F	02-274/06:40:53	1ECp
2714	274 18:39:48	31			CC7PC	(352) GYRO A OFF	AACS		30016:39:299F	02-274/06:40:53	1ECa
2715	274 18:39:48	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		30016:39:300F	02-274/06:40:53	1ECp
2716	274 18:39:48	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		30016:39:302F	02-274/06:40:54	1ECp
2717	274 18:39:48	31			CC7PC	(312) DUMMY PWR CMD	AACS		30016:39:304F	02-274/06:40:54	1ECa

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2718	274 18:41:54	31				B- DRCSR			30016:42:001F	02-274/06:42:59	1TB
2719	274 18:41:54	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		30016:42:009F	02-274/06:43:00	1ECf
2720	274 18:42:42	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	30016:43:001F	02-274/06:43:47	1ESf
2721	274 18:42:42	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		30016:43:002F	02-274/06:43:48	1ECs
2722	274 18:48:18	31				B- YAWDB			30016:50:001F	02-274/06:49:23	1TB
2723	274 18:48:18	31				YAWDB - .10			30016:50:001F	02-274/06:49:23	1T
2724	274 18:48:18	31				B- ROLLDB			30016:50:001F	02-274/06:49:23	1TB
2725	274 18:48:18	31				ROLLDB - .25			30016:50:001F	02-274/06:49:23	1T
2726	274 18:48:18	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		30016:50:003F	02-274/06:49:24	1ECa
2727	274 18:48:18	31			AC7PAR	(6742 004540) +ROLL DB=.25 DEG	AACS		30016:50:005F	02-274/06:49:24	1ECa
2728	274 18:48:19	31	63	OPCH	63	END ASCAL					1TD
2729	274 20:05:00	31	63	OPCH	63	== START TLC TEST UP-LINK == == EXECUTE PER DSN SUPPLIED == == TUNING INSTRUCTIONS ==					1TD
2730	274 20:05:00	31	63	OPCH	63	== TLC TEST UP-LINK == TURN RANGING MOD OFF (IF APPL)					1TD







FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2757	275 05:53:12	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		30030:41:026F	02-274/17:54:13	1ECf
2758	275 05:53:59	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	30030:42:001F	02-274/17:54:59	1ESf
2759	275 05:53:59	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		30030:42:002F	02-274/17:55:00	1ECd
2760	275 05:53:59	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2038	DTR		30030:42:002F	02-274/17:55:00	1ESd
2761	275 05:53:59	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		30030:42:002F	02-274/17:55:00	1ECs
2762	275 05:54:47	31			SC32AJ	(11) PLS CONFIG CMD	FDS		30030:43:010F	02-274/17:55:48	1ECf
2763	275 05:54:48	31				END PWSREC.31			30030:43:018F	02-274/17:55:48	1T
2764	275 10:45:25	31	60RISE			10 DEGREE RISE DSC-60					1V
2765	275 10:54:44	31	40 SET			10 DEGREE SET DSC-40					1V
2766	275 12:00:00	31				VGR-31 OWLT IS 11H 59M 02S					1L
2767	275 17:10:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9183 (D/L ONLY)					1DP
2768	275 18:18:06	31	10RISE			10 DEGREE RISE DSC-10					1V
2769	275 19:59:42	31				B- RFSTLC			30048:19:001F	02-275/08:00:35	1TB
2770	275 20:30:06	31	65	OPCH 65		== START TLC TEST DOWN-LINK ==					1TD

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2771	275 21:31:06	31	65	OPCH 65		== END TLC TEST DOWN-LINK ==					1TD
2772	275 21:35:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9183					1DP
2773	275 22:19:37	31	60 SET			10 DEGREE SET DSC-60					1V
2774	276 00:00:00	31				VGR-31 OWLT IS 11H 59M 07S					1L
2775	276 01:15:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9184 (D/L ONLY)					1DP
2776	276 01:43:55	31	40RISE			10 DEGREE RISE DSC-40					1V
2777	276 03:50:00	31	34 AO	OPCH ACE		AOS DSS-34 PASS-9184 (D/L ONLY)					1DP
2778	276 04:00:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9184					1DP
2779	276 05:45:43	31	10 SET			10 DEGREE SET DSC-10					1V
2780	276 08:50:00	31	34 LO	OPCH ACE		LOS DSS-34 PASS-9184					1DP
2781	276 10:41:32	31	60RISE			10 DEGREE RISE DSC-60					1V
2782	276 10:50:51	31	40 SET			10 DEGREE SET DSC-40					1V
2783	276 12:00:00	31				VGR-31 OWLT IS 11H 59M 13S					1L
2784	276 17:30:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9184 (D/L ONLY)					1DP
2785	276 18:14:13	31	10RISE			10 DEGREE RISE DSC-10					1V
2786	276 22:15:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9184					1DP
2787	276 22:15:41	31	60 SET			10 DEGREE SET DSC-60					1V
2788	276 23:30:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-9185 (D/L ONLY)					1DP
2789	277 00:00:00	31				VGR-31 OWLT IS 11H 59M 19S					1L
2790	277 01:39:59	31	40RISE			10 DEGREE RISE DSC-40					1V
2791	277 05:40:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-9185					1DP
2792	277 05:41:47	31	10 SET			10 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2793	277 10:37:38	31	60RISE			10 DEGREE RISE DSC-60					1V
2794	277 10:46:58	31	40 SET			10 DEGREE SET DSC-40					1V
2795	277 12:00:00	31				VGR-31 OWLT IS 11H 59M 24S					1L
2796	277 15:00:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9185 (D/L ONLY)					1DP
2797	277 18:10:19	31	10RISE			10 DEGREE RISE DSC-10					1V
2798	277 21:30:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9185					1DP
2799	277 22:11:46	31	60 SET			10 DEGREE SET DSC-60					1V
2800	278 00:00:00	31				VGR-31 OWLT IS 11H 59M 30S					1L
2801	278 01:36:03	31	40RISE			10 DEGREE RISE DSC-40					1V
2802	278 03:15:00	31	43 AO	OPCH ACE		AOS DSS-43 PASS-9186 (D/L ONLY)					1DP
2803	278 05:37:52	31	10 SET			10 DEGREE SET DSC-10					1V
2804	278 08:51:22	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		30124:23:002F	02-277/20:51:48	1ECd
2805	278 08:51:22	31				DTR STATUS MODE:SLEW      RATE:007.2K DIR:R      TRK:1      TIC:2044	DTR		30124:23:002F	02-277/20:51:48	1ESd
2806	278 09:04:41	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		30124:39:525F	02-277/21:05:07	1ECd
2807	278 09:04:41	31				DTR STATUS MODE:RDY      RATE:000.0K DIR:R      TRK:1      TIC:1756	DTR		30124:39:525F	02-277/21:05:07	1ESd
2808	278 10:33:45	31	60RISE			10 DEGREE RISE DSC-60					1V
2809	278 10:40:00	31	43 LO	OPCH ACE		LOS DSS-43 PASS-9186					1DP
2810	278 10:43:05	31	40 SET			10 DEGREE SET DSC-40					1V
2811	278 11:48:47	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2812	278 11:48:47	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
2813	278 11:49:35	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
2814	278 11:49:35	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
2815	278 11:51:23	31			CC16C	(7017) DTR STATE SELECT: READY	DTR		30128:08:002F	02-277/23:51:48	1ECd
2816	278 11:51:23	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:1756	DTR		30128:08:002F	02-277/23:51:48	1ESd
2817	278 11:52:11	31				AHEL11 PWSREC 15			30128:09:001F	02-277/23:52:35	1T
2818	278 11:52:11	31				B- PWSREC.31			30128:09:001F	02-277/23:52:35	1TB
2819	278 11:52:11	31				BEGIN PWSREC.31			30128:09:001F	02-277/23:52:35	1T
2820	278 11:52:11	31			SC32AJ	(10) PLS CONFIG CMD	FDS		30128:09:009F	02-277/23:52:36	1ECF
2821	278 11:52:59	31				B- DRGS4B			30128:10:001F	02-277/23:53:23	1TB
2822	278 11:52:59	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		30128:10:009F	02-277/23:53:24	1ECF
2823	278 11:53:43	31				BEGIN RECORDING PWS DATA			30128:10:734F	02-277/23:54:07	1T
2824	278 11:53:43	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		30128:10:735F	02-277/23:54:08	1ECd
2825	278 11:53:43	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:1756	DTR		30128:10:735F	02-277/23:54:08	1ESd

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2826	278 11:53:47	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	30128:11:001F	02-277/23:54:11	1ESf
2827	278 11:53:47	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		30128:11:002F	02-277/23:54:12	1ECs
2828	278 11:53:48	31				B- DRCRUS			30128:11:018F	02-277/23:54:12	1TB
2829	278 11:53:48	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		30128:11:026F	02-277/23:54:13	1ECf
2830	278 11:54:35	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	30128:12:001F	02-277/23:54:59	1ESf
2831	278 11:54:35	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		30128:12:002F	02-277/23:55:00	1ECd
2832	278 11:54:35	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2049	DTR		30128:12:002F	02-277/23:55:00	1ESd
2833	278 11:54:35	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		30128:12:002F	02-277/23:55:00	1ECs
2834	278 11:55:23	31			SC32AJ	(11) PLS CONFIG CMD	FDS		30128:13:009F	02-277/23:55:48	1ECf
2835	278 11:55:24	31				END PWSREC.31			30128:13:018F	02-277/23:55:48	1T
2836	278 12:00:00	31				VGR-31 OWLT IS 11H 59M 35S					1L

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2837	278 14:01:00	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		30130:50:002F	02-278/02:01:24	1ECd
2838	278 14:01:00	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2055	DTR	30130:50:002F	02-278/02:01:24	1ESd	
2839	278 14:01:30	31			CC16C	(7000) DTR STATE SELECT: READY	DTR	30130:50:501F	02-278/02:01:53	1ECd	
2840	278 14:01:30	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2044	DTR	30130:50:501F	02-278/02:01:53	1ESd	
2841	278 15:41:49	31			AC7SSB	(4 +146) SS BIAS CONTROL --- YAW	AACS	30132:56:003F	02-278/03:42:12	1ECa	
2842	278 17:01:01	31			CC16C	(7015) DTR STATE SELECT: READY	DTR	30134:35:002F	02-278/05:01:24	1ECd	
2843	278 17:01:01	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2044	DTR	30134:35:002F	02-278/05:01:24	1ESd	
2844	278 17:05:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9186 (D/L ONLY)					1DP
2845	278 18:06:26	31	10RISE			10 DEGREE RISE DSC-10					1V
2846	278 21:00:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9187 (D/L ONLY)					1DP
2847	278 21:00:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9187 (D/L ONLY)					1DP
2848	278 21:20:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9186					1DP
2849	278 22:07:50	31	60 SET			10 DEGREE SET DSC-60					1V
2850	279 00:00:00	31				VGR-31 OWLT IS 11H 59M 41S					1L
2851	279 01:32:08	31	40RISE			10 DEGREE RISE DSC-40					1V
2852	279 04:30:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9187					1DP
2853	279 04:30:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9187					1DP

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2854	279 05:33:56	31	10	SET		10 DEGREE SET DSC-10					1V
2855	279 10:29:52	31	60	RISE		10 DEGREE RISE DSC-60					1V
2856	279 10:39:11	31	40	SET		10 DEGREE SET DSC-40					1V
2857	279 12:00:00	31				VGR-31 OWLT IS 11H 59M 46S					1L
2858	279 18:02:33	31	10	RISE		10 DEGREE RISE DSC-10					1V
2859	279 19:20:00	31	65	AO	OPCH ACE	AOS DSS-65 PASS-9187 (D/L ONLY)					1DP
2860	279 21:20:00	31	65	LO	OPCH ACE	LOS DSS-65 PASS-9187					1DP
2861	279 22:03:54	31	60	SET		10 DEGREE SET DSC-60					1V
2862	280 00:00:00	31				VGR-31 OWLT IS 11H 59M 51S					1L
2863	280 00:35:00	31	15	AO	OPCH ACE	AOS DSS-15 PASS-9188 (D/L ONLY)					1DP
2864	280 01:28:12	31	40	RISE		10 DEGREE RISE DSC-40					1V
2865	280 04:40:00	31	15	LO	OPCH ACE	LOS DSS-15 PASS-9188					1DP
2866	280 05:30:01	31	10	SET		10 DEGREE SET DSC-10					1V
2867	280 10:25:59	31	60	RISE		10 DEGREE RISE DSC-60					1V
2868	280 10:35:18	31	40	SET		10 DEGREE SET DSC-40					1V
2869	280 11:44:57	31			ACE OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2870	280 11:49:57	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2044	DTR		30188:05:602F	02-279/23:50:00	1ESd
2871	280 11:49:57	31			ACE OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	30188:05:602F	02-279/23:50:00	1ESf
2872	280 11:59:58	31				A044 UPLINK WINDOW OPEN			30188:18:218F	02-280/00:00:00	1T



FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2873	280 12:00:00	31				VGR-31 OWLT IS 11H 59M 57S					1L
2874	280 14:00:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9188 (D/L ONLY)					1DP
2875	280 17:58:39	31	10RISE			10 DEGREE RISE DSC-10					1V
2876	280 21:15:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9188					1DP
2877	280 21:59:59	31	60 SET			10 DEGREE SET DSC-60					1V
2878	280 23:45:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-9189 (D/L ONLY)					1DP
2879	281 00:00:00	31				VGR-31 OWLT IS 12H 00M 02S					1L
2880	281 01:24:16	31	40RISE			10 DEGREE RISE DSC-40					1V
2881	281 05:25:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-9189					1DP
2882	281 05:26:06	31	10 SET			10 DEGREE SET DSC-10					1V
2883	281 10:22:06	31	60RISE			10 DEGREE RISE DSC-60					1V
2884	281 10:31:25	31	40 SET			10 DEGREE SET DSC-40					1V
2885	281 12:00:00	31				VGR-31 OWLT IS 12H 00M 08S					1L
2886	281 17:54:46	31	10RISE			10 DEGREE RISE DSC-10					1V
2887	281 18:00:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9189 (D/L ONLY)					1DP
2888	281 21:56:03	31	60 SET			10 DEGREE SET DSC-60					1V
2889	281 22:00:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9189					1DP
2890	281 23:30:00	31	14 AO	OPCH ACE		AOS DSS-14 PASS-9190 (D/L ONLY)					1DP
2891	281 23:33:25	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2892	281 23:33:25	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
2893	281 23:33:37	31				BEGIN PMPCALLR			30232:45:001F	02-281/11:33:23	1T



FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2908	282 03:05:38	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		30237:10:009F	02-281/15:05:24	1ECf
2909	282 03:06:26	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	30237:11:001F	02-281/15:06:11	1ESf
2910	282 03:06:26	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		30237:11:002F	02-281/15:06:11	1ECs
2911	282 03:06:27	31				END PMPCALLR			30237:11:018F	02-281/15:06:12	1T
2912	282 05:22:10	31	10 SET			10 DEGREE SET DSC-10					1V
2913	282 05:25:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-9190					1DP
2914	282 05:25:27	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2915	282 05:25:27	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
2916	282 05:26:16	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2917	282 05:26:16	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
2918	282 05:28:51	31				BEGIN PWSREC.31			30240:09:001F	02-281/17:28:35	1T
2919	282 05:28:51	31			SC32AJ	(10) PLS CONFIG CMD	FDS		30240:09:010F	02-281/17:28:36	1ECf
2920	282 05:29:39	31				B- DRGS4B			30240:10:001F	02-281/17:29:23	1TB

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2921	282 05:29:39	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		30240:10:009F	02-281/17:29:24	1ECf
2922	282 05:30:23	31				BEGIN RECORDING PWS DATA			30240:10:734F	02-281/17:30:07	1T
2923	282 05:30:23	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		30240:10:735F	02-281/17:30:08	1ECd
2924	282 05:30:23	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:2044	DTR		30240:10:735F	02-281/17:30:08	1ESd
2925	282 05:30:27	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	30240:11:001F	02-281/17:30:11	1ESf
2926	282 05:30:27	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		30240:11:002F	02-281/17:30:12	1ECs
2927	282 05:30:28	31				B- DRCRUS			30240:11:018F	02-281/17:30:12	1TB
2928	282 05:30:28	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		30240:11:026F	02-281/17:30:13	1ECf
2929	282 05:31:16	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	30240:12:001F	02-281/17:30:59	1ESf

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2930	282 05:31:16	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		30240:12:002F	02-281/17:30:59	1ECs
2931	282 05:31:16	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		30240:12:002F	02-281/17:31:00	1ECd
2932	282 05:31:16	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2337	DTR		30240:12:002F	02-281/17:31:00	1ESd
2933	282 05:32:04	31			SC32AJ	(11) PLS CONFIG CMD	FDS		30240:13:010F	02-281/17:31:48	1ECf
2934	282 05:32:05	31				END PWSREC.31			30240:13:018F	02-281/17:31:48	1T
2935	282 06:45:00	31	34	AO	OPCH ACE	AOS DSS-34 PASS-9190 (D/L ONLY)					1DP
2936	282 06:45:00	31	34	AO	OPCH ACE	AOS DSS-34 PASS-9190 (D/L ONLY)					1DP
2937	282 08:25:00	31	34	LO	OPCH ACE	LOS DSS-34 PASS-9190					1DP
2938	282 08:25:00	31	34	LO	OPCH ACE	LOS DSS-34 PASS-9190					1DP
2939	282 10:18:13	31			60RISE	10 DEGREE RISE DSC-60					1V
2940	282 10:27:32	31			40 SET	10 DEGREE SET DSC-40					1V
2941	282 12:00:00	31				VGR-31 OWLT IS 12H 00M 18S					1L
2942	282 17:50:53	31			10RISE	10 DEGREE RISE DSC-10					1V
2943	282 18:10:00	31	63	AO	OPCH ACE	AOS DSS-63 PASS-9190 (D/L ONLY)					1DP
2944	282 20:20:58	31				B- RFSTLC			30258:44:001F	02-282/08:20:35	1TB
2945	282 21:50:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-9190					1DP
2946	282 21:52:08	31			60 SET	10 DEGREE SET DSC-60					1V
2947	283 00:00:00	31				VGR-31 OWLT IS 12H 00M 24S					1L
2948	283 00:35:00	31	14	AO	OPCH ACE	AOS DSS-14 PASS-9191 (D/L ONLY)					1DP
2949	283 01:16:25	31			40RISE	10 DEGREE RISE DSC-40					1V

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2950	283 04:30:00	31	45 AO	OPCH ACE		AOS DSS-45 PASS-9191 (D/L ONLY)					1DP
2951	283 04:35:00	31	14 LO	OPCH ACE		LOS DSS-14 PASS-9191					1DP
2952	283 05:18:15	31	10 SET			10 DEGREE SET DSC-10					1V
2953	283 09:30:00	31	45 LO	OPCH ACE		LOS DSS-45 PASS-9191					1DP
2954	283 10:14:20	31	60RISE			10 DEGREE RISE DSC-60					1V
2955	283 10:23:39	31	40 SET			10 DEGREE SET DSC-40					1V
2956	283 12:00:00	31				VGR-31 OWLT IS 12H 00M 29S					1L
2957	283 17:46:59	31	10RISE			10 DEGREE RISE DSC-10					1V
2958	283 18:15:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9191 (D/L ONLY)					1DP
2959	283 21:48:12	31	60 SET			10 DEGREE SET DSC-60					1V
2960	283 21:50:00	31	63 LO	OPCH ACE		LOS DSS-63 PASS-9191					1DP
2961	283 23:01:10	31			AC7SSB	(4 +147) SS BIAS CONTROL --- YAW	AACS		30292:04:003F	02-283/11:00:36	1ECa
2962	284 00:00:00	31				VGR-31 OWLT IS 12H 00M 34S					1L
2963	284 00:30:00	31	25 AO	OPCH ACE		AOS DSS-25 PASS-9192 (D/L ONLY)					1DP
2964	284 01:12:30	31	40RISE			10 DEGREE RISE DSC-40					1V
2965	284 04:10:00	31	25 LO	OPCH ACE		LOS DSS-25 PASS-9192					1DP
2966	284 05:14:20	31	10 SET			10 DEGREE SET DSC-10					1V
2967	284 10:10:27	31	60RISE			10 DEGREE RISE DSC-60					1V
2968	284 10:19:46	31	40 SET			10 DEGREE SET DSC-40					1V
2969	284 12:00:00	31				VGR-31 OWLT IS 12H 00M 40S					1L
2970	284 15:15:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9192 (D/L ONLY)					1DP
2971	284 15:15:41	31			AC7SSB	(3 +017) SS BIAS CONTROL - PITCH	AACS		30312:22:003F	02-284/03:15:00	1ECa
2972	284 17:43:06	31	10RISE			10 DEGREE RISE DSC-10					1V



FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2990	285 11:26:50	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2991	285 11:26:50	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
2992	285 11:28:38	31			CC16C	(7017) DTR STATE SELECT: READY	DTR		30337:38:002F	02-284/23:27:48	1ECd
2993	285 11:28:38	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2055	DTR		30337:38:002F	02-284/23:27:48	1ESd
2994	285 11:29:26	31				AHEL11 PWSREC 16			30337:39:001F	02-284/23:28:35	1T
2995	285 11:29:26	31				B- PWSREC.31			30337:39:001F	02-284/23:28:35	1TB
2996	285 11:29:26	31				BEGIN PWSREC.31			30337:39:001F	02-284/23:28:35	1T
2997	285 11:29:26	31			SC32AJ	(10) PLS CONFIG CMD	FDS		30337:39:009F	02-284/23:28:36	1ECf
2998	285 11:30:14	31				B- DRGS4B			30337:40:001F	02-284/23:29:23	1TB
2999	285 11:30:14	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		30337:40:009F	02-284/23:29:24	1ECf
3000	285 11:30:58	31				BEGIN RECORDING PWS DATA			30337:40:734F	02-284/23:30:07	1T
3001	285 11:30:58	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		30337:40:735F	02-284/23:30:08	1ECd
3002	285 11:30:58	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:2055	DTR		30337:40:735F	02-284/23:30:08	1ESd



FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3003	285 11:31:02	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	30337:41:001F	02-284/23:30:11	1ESf
3004	285 11:31:02	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		30337:41:002F	02-284/23:30:12	1ECs
3005	285 11:31:03	31				B- DRCRUS			30337:41:018F	02-284/23:30:12	1TB
3006	285 11:31:03	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		30337:41:026F	02-284/23:30:13	1ECf
3007	285 11:31:50	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	30337:42:001F	02-284/23:30:59	1ESf
3008	285 11:31:50	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		30337:42:002F	02-284/23:31:00	1ECd
3009	285 11:31:50	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2348	DTR		30337:42:002F	02-284/23:31:00	1ESd
3010	285 11:31:50	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		30337:42:002F	02-284/23:31:00	1ECs
3011	285 11:32:38	31			SC32AJ	(11) PLS CONFIG CMD	FDS		30337:43:009F	02-284/23:31:48	1ECf
3012	285 11:32:39	31				END PWSREC.31			30337:43:018F	02-284/23:31:48	1T
3013	285 12:00:00	31				VGR-31 OWLT IS 12H 00M 50S					1L

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT 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	285 13:38:15	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		30340:20:002F	02-285/01:37:24	1ECd
3015	285 13:38:15	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2354	DTR		30340:20:002F	02-285/01:37:24	1ESd
3016	285 13:38:45	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		30340:20:501F	02-285/01:37:53	1ECd
3017	285 13:38:45	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2343	DTR		30340:20:501F	02-285/01:37:53	1ESd
3018	285 16:38:16	31			CC16C	(7015) DTR STATE SELECT: READY	DTR		30344:05:002F	02-285/04:37:24	1ECd
3019	285 16:38:16	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2343	DTR		30344:05:002F	02-285/04:37:24	1ESd
3020	285 16:40:00	31	63	AO	OPCH ACE	AOS DSS-63 PASS-9193 (D/L ONLY)					1DP
3021	285 17:39:13	31	10	RISE		10 DEGREE RISE DSC-10					1V
3022	285 21:40:00	31	63	LO	OPCH ACE	LOS DSS-63 PASS-9193					1DP
3023	285 21:40:22	31	60	SET		10 DEGREE SET DSC-60					1V
3024	286 00:00:00	31				VGR-31 OWLT IS 12H 00M 55S					1L
3025	286 00:20:00	31	14	AO	OPCH ACE	AOS DSS-14 PASS-9194 (D/L ONLY)					1DP
3026	286 01:04:39	31	40	RISE		10 DEGREE RISE DSC-40					1V
3027	286 04:50:00	31	45	AO	OPCH ACE	AOS DSS-45 PASS-9194 (D/L ONLY)					1DP
3028	286 05:06:30	31	10	SET		10 DEGREE SET DSC-10					1V
3029	286 05:10:00	31	14	LO	OPCH ACE	LOS DSS-14 PASS-9194					1DP
3030	286 09:15:00	31	45	LO	OPCH ACE	LOS DSS-45 PASS-9194					1DP

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3031	286 10:02:41	31	60RISE			10 DEGREE RISE DSC-60					1V
3032	286 10:12:00	31	40 SET			10 DEGREE SET DSC-40					1V
3033	286 12:00:00	31				VGR-31 OWLT IS 12H 01M 01S					1L
3034	286 16:05:00	31	65 AO	OPCH ACE		AOS DSS-65 PASS-9194 (D/L ONLY)					1DP
3035	286 17:35:20	31	10RISE			10 DEGREE RISE DSC-10					1V
3036	286 20:50:00	31	65 LO	OPCH ACE		LOS DSS-65 PASS-9194					1DP
3037	286 21:36:26	31	60 SET			10 DEGREE SET DSC-60					1V
3038	287 00:00:00	31				VGR-31 OWLT IS 12H 01M 06S					1L
3039	287 01:00:44	31	40RISE			10 DEGREE RISE DSC-40					1V
3040	287 05:02:35	31	10 SET			10 DEGREE SET DSC-10					1V
3041	287 09:58:48	31	60RISE			10 DEGREE RISE DSC-60					1V
3042	287 10:08:07	31	40 SET			10 DEGREE SET DSC-40					1V
3043	287 12:00:00	31				VGR-31 OWLT IS 12H 01M 11S					1L
3044	287 16:45:00	31	63 AO	OPCH ACE		AOS DSS-63 PASS-9195 (D/L ONLY)					1DP
3045	287 17:31:27	31	10RISE			10 DEGREE RISE DSC-10					1V
3046	287 21:10:38	31				FINAL SPACECRAFT STATUS			30409:44:785F	02-287/09:09:23	1TI
3047	287 21:10:38	31				RADIO STATUS			30409:44:785F	02-287/09:09:23	1TI
3048	287 21:10:38	31			DC2AR	S-BAND RANGING OFF			30409:44:785F	02-287/09:09:23	1TI
3049	287 21:10:38	31			DC2DR	S-BAND LO PWR			30409:44:785F	02-287/09:09:23	1TI
3050	287 21:10:38	31			DC2HR	X-BAND LO PWR			30409:44:785F	02-287/09:09:23	1TI
3051	287 21:10:38	31			DC2N	X-BAND RANGING ON			30409:44:785F	02-287/09:09:23	1TI
3052	287 21:10:38	31			DC2P	2 WAY NON-COHERENT ON			30409:44:785F	02-287/09:09:23	1TI
3053	287 21:10:38	31			DC2QR	USO OFF			30409:44:785F	02-287/09:09:23	1TI

SOE YEAR-DAY: 2002-287

PRINTED ON DAY: 080 PAGE 180

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3054	287 21:10:38	31			CC2BRP	S-BAND EXC-2 SEL			30409:44:785F	02-287/09:09:23	1TI
3055	287 21:10:38	31			CC2CRP	S-BAND TRANS-2 SEL			30409:44:785F	02-287/09:09:23	1TI
3056	287 21:10:38	31			CC2FP	RCVR-1 SEL			30409:44:785F	02-287/09:09:23	1TI
3057	287 21:10:38	31			CC2JP	X-BAND EXC-1 SEL			30409:44:785F	02-287/09:09:23	1TI
3058	287 21:10:38	31			CC2GP	X-BAND ON			30409:44:785F	02-287/09:09:23	1TI
3059	287 21:10:38	31			CC2KRP	S-BAND OFF			30409:44:785F	02-287/09:09:23	1TI
3060	287 21:10:38	31			CC2LP	X-BAND TWTA-1 SEL			30409:44:785F	02-287/09:09:23	1TI
3061	287 21:10:38	31			CC2MP	S-BAND EXC ON			30409:44:785F	02-287/09:09:23	1TI
3062	287 21:10:38	31			DC2E	HGA SELECT			30409:44:785F	02-287/09:09:23	1TI
3063	287 21:10:38	31			CC1T	BAY 1 HTR ON			30409:44:785F	02-287/09:09:23	1TI
3064	287 21:10:38	31				MDS STATUS			30409:44:785F	02-287/09:09:23	1TI
3065	287 21:10:38	31			CC3BP	TMU ON			30409:44:785F	02-287/09:09:23	1TI
3066	287 21:10:38	31			CC3GP	TMU-A SEL			30409:44:785F	02-287/09:09:23	1TI
3067	287 21:10:38	31			CC3HP	CDU-A SEL			30409:44:785F	02-287/09:09:23	1TI
3068	287 21:10:38	31			CC3A	32310 X-BAND			30409:44:785F	02-287/09:09:23	1TI
3069	287 21:10:38	31			CC3A	28301 S-BAND			30409:44:785F	02-287/09:09:23	1TI
3070	287 21:10:38	31				POWER STATUS			30409:44:785F	02-287/09:09:23	1TI
3071	287 21:10:38	31			CC4A	UNDERVOLTAGE TRIP RESET			30409:44:785F	02-287/09:09:23	1TI
3072	287 21:10:38	31			CC4K	RTG-1 DIODE BYPASS ON			30409:44:785F	02-287/09:09:23	1TI
3073	287 21:10:38	31			CC4L	RTG-2 DIODE BYPASS ON			30409:44:785F	02-287/09:09:23	1TI
3074	287 21:10:38	31			CC4M	RTG-3 DIODE BYPASS ON			30409:44:785F	02-287/09:09:23	1TI
3075	287 21:10:38	31				CCS STATUS			30409:44:785F	02-287/09:09:23	1TI
3076	287 21:10:38	31			DC5AR	CCS TOL DET ENABLE			30409:44:785F	02-287/09:09:23	1TI

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3077	287 21:10:38	31				FDS STATUS			30409:44:785F	02-287/09:09:23	1TI
3078	287 21:10:38	31			CC6CP	FDS ON/ISS PWR ENABLE			30409:44:785F	02-287/09:09:23	1TI
3079	287 21:10:38	31			CC6AA	1 SVC-W1			30409:44:785F	02-287/09:09:23	1TI
3080	287 21:10:38	31			CC6AD	3200 SVC-W4			30409:44:785F	02-287/09:09:23	1TI
3081	287 21:10:38	31			CC6AE	30011 SVC-W5			30409:44:785F	02-287/09:09:23	1TI
3082	287 21:10:38	31			CC6AP	FDS PWR CONV A SEL			30409:44:785F	02-287/09:09:23	1TI
3083	287 21:10:38	31			CC6AB	01000 SVC-W2			30409:44:785F	02-287/09:09:23	1TI
3084	287 21:10:38	31			SC06BB	530070 FDS DATA MODE			30409:44:785F	02-287/09:09:23	1TI
3085	287 21:10:38	31				AACS STATUS			30409:44:785F	02-287/09:09:23	1TI
3086	287 21:10:38	31			AC7PCG	15 HYBIC 1 PWR ON			30409:44:785F	02-287/09:09:23	1TI
3087	287 21:10:38	31			CC7ML	05 CST ON			30409:44:785F	02-287/09:09:23	1TI
3088	287 21:10:38	31			AC7CTG	10 394 CST HI GATE			30409:44:785F	02-287/09:09:23	1TI
3089	287 21:10:38	31			AC7CTG	11 442 CST LO GATE			30409:44:785F	02-287/09:09:23	1TI
3090	287 21:10:38	31			AC7GYP	000 GYRO PATTERN			30409:44:785F	02-287/09:09:23	1TI
3091	287 21:10:38	31			AC7PCG	52 GYRO A OFF			30409:44:785F	02-287/09:09:23	1TI
3092	287 21:10:38	31			AC7PCG	62 GYRO B OFF			30409:44:785F	02-287/09:09:23	1TI
3093	287 21:10:38	31			AC7PCG	72 GYRO C OFF			30409:44:785F	02-287/09:09:23	1TI
3094	287 21:10:38	31			AC7PAR	7530 000000 GYRO OFF NORM			30409:44:785F	02-287/09:09:23	1TI
3095	287 21:10:38	31			AC7PAR	6740 000740 PITCH DEADBAND			30409:44:785F	02-287/09:09:23	1TI
3096	287 21:10:38	31			AC7PAR	6741 001700 YAW DEADBAND			30409:44:785F	02-287/09:09:23	1TI
3097	287 21:10:38	31			AC7PAR	6742 004540 ROLL DEADBAND			30409:44:785F	02-287/09:09:23	1TI
3098	287 21:10:38	31			DEADBAND	DEAD BAND STATE: 05 10 25			30409:44:785F	02-287/09:09:23	1TI
3099	287 21:10:38	31			CC7SS	1 AACS TO RAI			30409:44:785F	02-287/09:09:23	1TI

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3100	287 21:10:38	31			CC7CT	01 CST CONE ANGLE 1			30409:44:785F	02-287/09:09:23	1TI
3101	287 21:10:38	31			AC7DDB	000480 DEAD BAND CONTROL			30409:44:785F	02-287/09:09:23	1TI
3102	287 21:10:38	31			CC7AHRP	SS HTR A OFF			30409:44:785F	02-287/09:09:23	1TI
3103	287 21:10:38	31			CC7BHP	SS HTR B ON			30409:44:785F	02-287/09:09:23	1TI
3104	287 21:10:38	31			CC7ML	01 FDS CHAN A			30409:44:785F	02-287/09:09:23	1TI
3105	287 21:10:38	31			CC7ML	09 TCAPU FAULT ENA			30409:44:785F	02-287/09:09:23	1TI
3106	287 21:10:38	31			AC7PCG	61 AACS BAY 6 HTR A OFF			30409:44:785F	02-287/09:09:23	1TI
3107	287 21:10:38	31			AC7PCG	71 AACS BAY 6 HTR B OFF			30409:44:785F	02-287/09:09:23	1TI
3108	287 21:10:38	31			CC7MMRP	PROC/MEM 2 SELECT			30409:44:785F	02-287/09:09:23	1TI
3109	287 21:10:38	31			CC7SHP	AZ SCAN ACTUATOR HTR ON			30409:44:785F	02-287/09:09:23	1TI
3110	287 21:10:38	31			AC7PCG	22 CST SUN SHUTTER OFF			30409:44:785F	02-287/09:09:23	1TI
3111	287 21:10:38	31			AC7PCG	10 ISO VALVE BRANCH 1 OFF			30409:44:785F	02-287/09:09:23	1TI
3112	287 21:10:38	31			AC7PCG	20 ISO VALVE BRANCH 2 OFF			30409:44:785F	02-287/09:09:23	1TI
3113	287 21:10:38	31			CC1PHRP	SCAN PLAT SUPL HTR OFF			30409:44:785F	02-287/09:09:23	1TI
3114	287 21:10:38	31			CC77MRP	MAM OFF			30409:44:785F	02-287/09:09:23	1TI
3115	287 21:10:38	31			DC77PR	NON-PRIME FCP/MEM OFF			30409:44:785F	02-287/09:09:23	1TI
3116	287 21:10:38	31			DC77XR	MAM COMMAND DISABLE			30409:44:785F	02-287/09:09:23	1TI
3117	287 21:10:38	31				PYRO STATUS			30409:44:785F	02-287/09:09:23	1TI
3118	287 21:10:38	31			CC8D	PSU INSTRUMENTATION ON			30409:44:785F	02-287/09:09:23	1TI
3119	287 21:10:38	31			DC8XR	PYRO DISABLE			30409:44:785F	02-287/09:09:23	1TI
3120	287 21:10:38	31				PROPULSION STATUS			30409:44:785F	02-287/09:09:23	1TI
3121	287 21:10:38	31			CC10CRP	TCM HTR OFF			30409:44:785F	02-287/09:09:23	1TI
3122	287 21:10:38	31			CC10DR	AP BR1 HTR OFF			30409:44:785F	02-287/09:09:23	1TI

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3123	287 21:10:38	31			CC10ER	AP BR2 HTR OFF			30409:44:785F	02-287/09:09:23	1TI
3124	287 21:10:38	31			CC10TRP	TCM LINE HTRS OFF			30409:44:785F	02-287/09:09:23	1TI
3125	287 21:10:38	31				DSS STATUS			30409:44:785F	02-287/09:09:23	1TI
3126	287 21:10:38	31			CC16BR	DSS 10 W REPL HTR OFF			30409:44:785F	02-287/09:09:23	1TI
3127	287 21:10:38	31			CC16AP	DSS ON			30409:44:785F	02-287/09:09:23	1TI
3128	287 21:10:38	31			CC1DR	BAY 2 19 W HTR OFF			30409:44:785F	02-287/09:09:23	1TI
3129	287 21:10:38	31			CC16C	7215 DSS CONTROL			30409:44:785F	02-287/09:09:23	1TI
3130	287 21:10:38	31				SCIENCE PWR STATUS			30409:44:785F	02-287/09:09:23	1TI
3131	287 21:10:38	31			CC1CR	MAG COIL OFF			30409:44:785F	02-287/09:09:23	1TI
3132	287 21:10:38	31			CC21A	CRS ON			30409:44:785F	02-287/09:09:23	1TI
3133	287 21:10:38	31			CC21B	CRS REPL HTR ON			30409:44:785F	02-287/09:09:23	1TI
3134	287 21:10:38	31			CC21CR	CRS SUPP HTR OFF			30409:44:785F	02-287/09:09:23	1TI
3135	287 21:10:38	31			CC22A	PRA ON			30409:44:785F	02-287/09:09:23	1TI
3136	287 21:10:38	31			CC23A	PWS ON			30409:44:785F	02-287/09:09:23	1TI
3137	287 21:10:38	31			CC25A	LECP ON			30409:44:785F	02-287/09:09:23	1TI
3138	287 21:10:38	31			CC25B	LECP STEPPER MOTOR ON			30409:44:785F	02-287/09:09:23	1TI
3139	287 21:10:38	31			CC25CR	LECP REPL HTR OFF			30409:44:785F	02-287/09:09:23	1TI
3140	287 21:10:38	31			CC25D	LECP MAIN SUPP HTR ON			30409:44:785F	02-287/09:09:23	1TI
3141	287 21:10:38	31			CC25E	LECP LEPT SUPP HTR ON			30409:44:785F	02-287/09:09:23	1TI
3142	287 21:10:38	31			CC27BR	PPS SUPP HTR OFF			30409:44:785F	02-287/09:09:23	1TI
3143	287 21:10:38	31			CC32A	PLS ON			30409:44:785F	02-287/09:09:23	1TI
3144	287 21:10:38	31			CC32BR	PLS SUPP HTR OFF			30409:44:785F	02-287/09:09:23	1TI
3145	287 21:10:38	31			CC32C	PLS REPL HTR ON			30409:44:785F	02-287/09:09:23	1TI

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3146	287 21:10:38	31			CC34A	UVS ON			30409:44:785F	02-287/09:09:23	1TI
3147	287 21:10:38	31			CC34B	UVS REPL HTR ON			30409:44:785F	02-287/09:09:23	1TI
3148	287 21:10:38	31			CC35AR	MAG OFF			30409:44:785F	02-287/09:09:23	1TI
3149	287 21:10:38	31			CC35B	MAG STANDBY ON			30409:44:785F	02-287/09:09:23	1TI
3150	287 21:10:38	31			CC35GR	MAG SENSOR HTR OFF			30409:44:785F	02-287/09:09:23	1TI
3151	287 21:10:38	31			CC36GR	ISS WA VID REPL HTR OFF			30409:44:785F	02-287/09:09:23	1TI
3152	287 21:10:38	31			CC36H	ISS WA ELEC REPL HTR ON			30409:44:785F	02-287/09:09:23	1TI
3153	287 21:10:38	31			CC36CRP	ISS NA OPTICS HTR OFF			30409:44:785F	02-287/09:09:23	1TI
3154	287 21:10:38	31			CC36FRP	ISS NA VID REPL HTR OFF			30409:44:785F	02-287/09:09:23	1TI
3155	287 21:10:38	31			CC36JP	ISS NA ELEC REPL HTR ON			30409:44:785F	02-287/09:09:23	1TI
3156	287 21:10:38	31			CC39D	IRIS REPL HTR ON			30409:44:785F	02-287/09:09:23	1TI
3157	287 21:10:38	31			CC39FR	IRIS STANDBY A SUPPLY OFF			30409:44:785F	02-287/09:09:23	1TI
3158	287 21:10:38	31			CC39BR	IRIS STANDBY B SUPPLY OFF			30409:44:785F	02-287/09:09:23	1TI
3159	287 21:10:38	31				SCIENCE INSTRUMENT STATUS			30409:44:785F	02-287/09:09:23	1TI
3160	287 21:10:38	31			SC21AF	01000 CRS CMD WORD			30409:44:785F	02-287/09:09:23	1TI
3161	287 21:10:38	31			SC21AF	02000 CRS CMD WORD			30409:44:785F	02-287/09:09:23	1TI
3162	287 21:10:38	31			SC21AF	03000 CRS CMD WORD			30409:44:785F	02-287/09:09:23	1TI
3163	287 21:10:38	31			SC21AF	04000 CRS CMD WORD			30409:44:785F	02-287/09:09:23	1TI
3164	287 21:10:38	31			SC21AF	05300 CRS CMD WORD			30409:44:785F	02-287/09:09:23	1TI
3165	287 21:10:38	31			SC21AF	06000 CRS CMD WORD			30409:44:785F	02-287/09:09:23	1TI
3166	287 21:10:38	31			SC21AF	07200 CRS CMD WORD			30409:44:785F	02-287/09:09:23	1TI
3167	287 21:10:38	31			SC21AF	08200 CRS CMD WORD			30409:44:785F	02-287/09:09:23	1TI
3168	287 21:10:38	31			SC21AF	10000 CRS CMD WORD			30409:44:785F	02-287/09:09:23	1TI



FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3169	287 21:10:38	31			SC21AF	11000 CRS CMD WORD			30409:44:785F	02-287/09:09:23	1TI
3170	287 21:10:38	31			SC21AF	12000 CRS CMD WORD			30409:44:785F	02-287/09:09:23	1TI
3171	287 21:10:38	31			SC21AF	13012 CRS CMD WORD			30409:44:785F	02-287/09:09:23	1TI
3172	287 21:10:38	31			SC21AG	CRS HV FLAG			30409:44:785F	02-287/09:09:23	1TI
3173	287 21:10:38	31			SC21AH	CRS CAL-ST FLAG			30409:44:785F	02-287/09:09:23	1TI
3174	287 21:10:38	31			SC22AF	1347 PRA CONFIGURATION CMD			30409:44:785F	02-287/09:09:23	1TI
3175	287 21:10:38	31			SC22NU	0000 PRA MODE SELECT			30409:44:785F	02-287/09:09:23	1TI
3176	287 21:10:38	31			SC23AD	5 PWS CMD WORD			30409:44:785F	02-287/09:09:23	1TI
3177	287 21:10:38	31			SC25AH	1777 LECP CMD WORD			30409:44:785F	02-287/09:09:23	1TI
3178	287 21:10:38	31			SC25AH	2417 LECP CMD WORD			30409:44:785F	02-287/09:09:23	1TI
3179	287 21:10:38	31			SC25AH	5600 LECP CMD WORD			30409:44:785F	02-287/09:09:23	1TI
3180	287 21:10:38	31			SC25AH	6032 LECP CMD WORD			30409:44:785F	02-287/09:09:23	1TI
3181	287 21:10:38	31			SC25AJ	1 LECP MOTOR STEP CMD			30409:44:785F	02-287/09:09:23	1TI
3182	287 21:10:38	31			SC25AN	0 LECP NEAR/FAR ENC			30409:44:785F	02-287/09:09:23	1TI
3183	287 21:10:38	31			SC25AQ	5200 LECP SAFE CMD			30409:44:785F	02-287/09:09:23	1TI
3184	287 21:10:38	31			SC32AF	2 PLS E1 INT/AMP GAIN			30409:44:785F	02-287/09:09:23	1TI
3185	287 21:10:38	31			SC32AG	2 PLS E2 INT/AMP GAIN			30409:44:785F	02-287/09:09:23	1TI
3186	287 21:10:38	31			SC32AH	3 PLS M INT/AMP GAIN			30409:44:785F	02-287/09:09:23	1TI
3187	287 21:10:38	31			SC32AJ	11 PLS CONFIG CMD			30409:44:785F	02-287/09:09:23	1TI
3188	287 21:10:38	31			SC32AK	2 PLS L INT/AMP GAIN			30409:44:785F	02-287/09:09:23	1TI
3189	287 21:10:38	31			SC32AL	216 PLS M START WORD 1			30409:44:785F	02-287/09:09:23	1TI
3190	287 21:10:38	31			SC32AM	216 PLS M START WORD 2			30409:44:785F	02-287/09:09:23	1TI
3191	287 21:10:38	31			SC32AN	2 PLS M MODE			30409:44:785F	02-287/09:09:23	1TI

FINAL SEQUENCE FOR JST A044 (TOL/A044F - EVTSDR/A044BB)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3192	287 21:10:38	31			SC32AP	3 PLS E1 SHRT			30409:44:785F	02-287/09:09:23	1TI
3193	287 21:10:38	31			SC32AQ	3 PLS E2 SHRT			30409:44:785F	02-287/09:09:23	1TI
3194	287 21:10:38	31			SC32AR	3 PLS L SHORT			30409:44:785F	02-287/09:09:23	1TI
3195	287 21:10:38	31			SC32AS	2 PLS E1 LONG			30409:44:785F	02-287/09:09:23	1TI
3196	287 21:10:38	31			SC32AT	2 PLS E2 LONG			30409:44:785F	02-287/09:09:23	1TI
3197	287 21:10:38	31			SC32AU	2 PLS L LONG			30409:44:785F	02-287/09:09:23	1TI
3198	287 21:10:38	31			SC34AE	13 UVS MODE/HV LEVEL			30409:44:785F	02-287/09:09:23	1TI
3199	287 21:10:38	31			SC34AF	0 UVS READ OUT FLAG			30409:44:785F	02-287/09:09:23	1TI
3200	287 21:10:38	31			SC35AI	030001 MAG HFM/EL FLIP/IFC/LFM			30409:44:785F	02-287/09:09:23	1TI
3201	287 21:10:38	31			SC35AO	030001 MAG HFM/PRIME/IFC/LFM RAN			30409:44:785F	02-287/09:09:23	1TI