



FINAL FLIGHT SOE

S/C 31

SEQUENCE ID A048CA DATE OF RELEASE June 26, 2003

EXECUTION PERIOD 07/14/2003 to 10/13/2003 (03-195 to 03-286)

Distribution:
7/13/02
soe list (10)

R. WONG (8) 600-100
S. MATSUMOTO 600-100

C. WEISS 600-100

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT 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	195 21:23:21	31				INITIAL SPACECRAFT STATUS			38599:44:785F	03-195/09:09:23	1TI
2	195 21:23:21	31				RADIO STATUS			38599:44:785F	03-195/09:09:23	1TI
3	195 21:23:21	31			DC2AR	S-BAND RANGING OFF			38599:44:785F	03-195/09:09:23	1TI
4	195 21:23:21	31			DC2DR	S-BAND LO PWR			38599:44:785F	03-195/09:09:23	1TI
5	195 21:23:21	31			DC2HR	X-BAND LO PWR			38599:44:785F	03-195/09:09:23	1TI
6	195 21:23:21	31			DC2N	X-BAND RANGING ON			38599:44:785F	03-195/09:09:23	1TI
7	195 21:23:21	31			DC2P	2 WAY NON-COHERENT ON			38599:44:785F	03-195/09:09:23	1TI
8	195 21:23:21	31			DC2QR	USO OFF			38599:44:785F	03-195/09:09:23	1TI
9	195 21:23:21	31			CC2BRP	S-BAND EXC-2 SEL			38599:44:785F	03-195/09:09:23	1TI
10	195 21:23:21	31			CC2CRP	S-BAND TRANS-2 SEL			38599:44:785F	03-195/09:09:23	1TI
11	195 21:23:21	31			CC2FP	RCVR-1 SEL			38599:44:785F	03-195/09:09:23	1TI
12	195 21:23:21	31			CC2JP	X-BAND EXC-1 SEL			38599:44:785F	03-195/09:09:23	1TI
13	195 21:23:21	31			CC2GP	X-BAND ON			38599:44:785F	03-195/09:09:23	1TI
14	195 21:23:21	31			CC2KRP	S-BAND OFF			38599:44:785F	03-195/09:09:23	1TI
15	195 21:23:21	31			CC2LP	X-BAND TWTA-1 SEL			38599:44:785F	03-195/09:09:23	1TI
16	195 21:23:21	31			CC2MP	S-BAND EXC ON			38599:44:785F	03-195/09:09:23	1TI
17	195 21:23:21	31			DC2E	HGA SELECT			38599:44:785F	03-195/09:09:23	1TI
18	195 21:23:21	31			CC1T	BAY 1 HTR ON			38599:44:785F	03-195/09:09:23	1TI
19	195 21:23:21	31				MDS STATUS			38599:44:785F	03-195/09:09:23	1TI
20	195 21:23:21	31			CC3BP	TMU ON			38599:44:785F	03-195/09:09:23	1TI
21	195 21:23:21	31			CC3GP	TMU-A SEL			38599:44:785F	03-195/09:09:23	1TI
22	195 21:23:21	31			CC3HP	CDU-A SEL			38599:44:785F	03-195/09:09:23	1TI
23	195 21:23:21	31			CC3A	32310 X-BAND			38599:44:785F	03-195/09:09:23	1TI

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
24	195 21:23:21	31			CC3A	28301 S-BAND			38599:44:785F	03-195/09:09:23	1TI
25	195 21:23:21	31				POWER STATUS			38599:44:785F	03-195/09:09:23	1TI
26	195 21:23:21	31			CC4A	UNDERVOLTAGE TRIP RESET			38599:44:785F	03-195/09:09:23	1TI
27	195 21:23:21	31			CC4K	RTG-1 DIODE BYPASS ON			38599:44:785F	03-195/09:09:23	1TI
28	195 21:23:21	31			CC4L	RTG-2 DIODE BYPASS ON			38599:44:785F	03-195/09:09:23	1TI
29	195 21:23:21	31			CC4M	RTG-3 DIODE BYPASS ON			38599:44:785F	03-195/09:09:23	1TI
30	195 21:23:21	31				CCS STATUS			38599:44:785F	03-195/09:09:23	1TI
31	195 21:23:21	31			DC5AR	CCS TOL DET ENABLE			38599:44:785F	03-195/09:09:23	1TI
32	195 21:23:21	31				FDS STATUS			38599:44:785F	03-195/09:09:23	1TI
33	195 21:23:21	31			CC6CP	FDS ON/ISS PWR ENABLE			38599:44:785F	03-195/09:09:23	1TI
34	195 21:23:21	31			CC6AA	1 SVC-W1			38599:44:785F	03-195/09:09:23	1TI
35	195 21:23:21	31			CC6AD	3200 SVC-W4			38599:44:785F	03-195/09:09:23	1TI
36	195 21:23:21	31			CC6AE	30011 SVC-W5			38599:44:785F	03-195/09:09:23	1TI
37	195 21:23:21	31			CC6AP	FDS PWR CONV A SEL			38599:44:785F	03-195/09:09:23	1TI
38	195 21:23:21	31			CC6AB	01000 SVC-W2			38599:44:785F	03-195/09:09:23	1TI
39	195 21:23:21	31			SC06BB	530070 FDS DATA MODE			38599:44:785F	03-195/09:09:23	1TI
40	195 21:23:21	31				AACS STATUS			38599:44:785F	03-195/09:09:23	1TI
41	195 21:23:21	31			AC7PCG	14 HYBIC 2 PWR ON			38599:44:785F	03-195/09:09:23	1TI
42	195 21:23:21	31			CC7ML	05 CST ON			38599:44:785F	03-195/09:09:23	1TI
43	195 21:23:21	31			AC7CTG	10 394 CST HI GATE			38599:44:785F	03-195/09:09:23	1TI
44	195 21:23:21	31			AC7CTG	11 442 CST LO GATE			38599:44:785F	03-195/09:09:23	1TI
45	195 21:23:21	31			AC7GYP	111 GYRO PATTERN			38599:44:785F	03-195/09:09:23	1TI
46	195 21:23:21	31			AC7PCG	52 GYRO A OFF			38599:44:785F	03-195/09:09:23	1TI

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
47	195 21:23:21	31			AC7PCG	62 GYRO B OFF			38599:44:785F	03-195/09:09:23	1TI
48	195 21:23:21	31			AC7PCG	72 GYRO C OFF			38599:44:785F	03-195/09:09:23	1TI
49	195 21:23:21	31			AC7PAR	7530 000000 GYRO OFF NORM			38599:44:785F	03-195/09:09:23	1TI
50	195 21:23:21	31			AC7PAR	6740 000740 PITCH DEADBAND			38599:44:785F	03-195/09:09:23	1TI
51	195 21:23:21	31			AC7PAR	6741 001700 YAW DEADBAND			38599:44:785F	03-195/09:09:23	1TI
52	195 21:23:21	31			AC7PAR	6742 004540 ROLL DEADBAND			38599:44:785F	03-195/09:09:23	1TI
53	195 21:23:21	31			DEADBAND	DEAD BAND STATE: 05 10 25			38599:44:785F	03-195/09:09:23	1TI
54	195 21:23:21	31			CC7SS	1 AACS TO RAI			38599:44:785F	03-195/09:09:23	1TI
55	195 21:23:21	31			CC7CT	01 CST CONE ANGLE 1			38599:44:785F	03-195/09:09:23	1TI
56	195 21:23:21	31			AC7DDB	000480 DEAD BAND CONTROL			38599:44:785F	03-195/09:09:23	1TI
57	195 21:23:21	31			CC7AHRP	SS HTR A OFF			38599:44:785F	03-195/09:09:23	1TI
58	195 21:23:21	31			CC7BHP	SS HTR B ON			38599:44:785F	03-195/09:09:23	1TI
59	195 21:23:21	31			CC7ML	01 FDS CHAN A			38599:44:785F	03-195/09:09:23	1TI
60	195 21:23:21	31			CC7ML	09 TCAPU FAULT ENA			38599:44:785F	03-195/09:09:23	1TI
61	195 21:23:21	31			AC7PCG	61 AACS BAY 6 HTR A OFF			38599:44:785F	03-195/09:09:23	1TI
62	195 21:23:21	31			AC7PCG	71 AACS BAY 6 HTR B OFF			38599:44:785F	03-195/09:09:23	1TI
63	195 21:23:21	31			CC7MMRP	PROC/MEM 2 SELECT			38599:44:785F	03-195/09:09:23	1TI
64	195 21:23:21	31			CC7SHP	AZ SCAN ACTUATOR HTR ON			38599:44:785F	03-195/09:09:23	1TI
65	195 21:23:21	31			AC7PCG	22 CST SUN SHUTTER OFF			38599:44:785F	03-195/09:09:23	1TI
66	195 21:23:21	31			AC7PCG	10 ISO VALVE BRANCH 1 OFF			38599:44:785F	03-195/09:09:23	1TI
67	195 21:23:21	31			AC7PCG	20 ISO VALVE BRANCH 2 OFF			38599:44:785F	03-195/09:09:23	1TI
68	195 21:23:21	31			CC1PHP	SCAN PLAT SUPL HTR ON			38599:44:785F	03-195/09:09:23	1TI
69	195 21:23:21	31			CC77MRP	MAM OFF			38599:44:785F	03-195/09:09:23	1TI

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70	195 21:23:21	31			DC77PR	NON-PRIME FCP/MEM OFF			38599:44:785F	03-195/09:09:23	1TI
71	195 21:23:21	31			DC77XR	MAM COMMAND DISABLE			38599:44:785F	03-195/09:09:23	1TI
72	195 21:23:21	31				PYRO STATUS			38599:44:785F	03-195/09:09:23	1TI
73	195 21:23:21	31			CC8D	PSU INSTRUMENTATION ON			38599:44:785F	03-195/09:09:23	1TI
74	195 21:23:21	31			DC8XR	PYRO DISABLE			38599:44:785F	03-195/09:09:23	1TI
75	195 21:23:21	31				PROPULSION STATUS			38599:44:785F	03-195/09:09:23	1TI
76	195 21:23:21	31			CC10CRP	TCM HTR OFF			38599:44:785F	03-195/09:09:23	1TI
77	195 21:23:21	31			CC10DR	AP BR1 HTR OFF			38599:44:785F	03-195/09:09:23	1TI
78	195 21:23:21	31			CC10ER	AP BR2 HTR OFF			38599:44:785F	03-195/09:09:23	1TI
79	195 21:23:21	31			CC10TRP	TCM LINE HTRS OFF			38599:44:785F	03-195/09:09:23	1TI
80	195 21:23:21	31				DSS STATUS			38599:44:785F	03-195/09:09:23	1TI
81	195 21:23:21	31			CC16BR	DSS 10 W REPL HTR OFF			38599:44:785F	03-195/09:09:23	1TI
82	195 21:23:21	31			CC16AP	DSS ON			38599:44:785F	03-195/09:09:23	1TI
83	195 21:23:21	31			CC1DR	BAY 2 19 W HTR OFF			38599:44:785F	03-195/09:09:23	1TI
84	195 21:23:21	31			CC16C	7224 DSS CONTROL			38599:44:785F	03-195/09:09:23	1TI
85	195 21:23:21	31				SCIENCE PWR STATUS			38599:44:785F	03-195/09:09:23	1TI
86	195 21:23:21	31			CC1CR	MAG COIL OFF			38599:44:785F	03-195/09:09:23	1TI
87	195 21:23:21	31			CC21A	CRS ON			38599:44:785F	03-195/09:09:23	1TI
88	195 21:23:21	31			CC21B	CRS REPL HTR ON			38599:44:785F	03-195/09:09:23	1TI
89	195 21:23:21	31			CC21CR	CRS SUPP HTR OFF			38599:44:785F	03-195/09:09:23	1TI
90	195 21:23:21	31			CC22A	PRA ON			38599:44:785F	03-195/09:09:23	1TI
91	195 21:23:21	31			CC23A	PWS ON			38599:44:785F	03-195/09:09:23	1TI
92	195 21:23:21	31			CC25A	LECP ON			38599:44:785F	03-195/09:09:23	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	195 21:23:21	31			CC25B	LECP STEPPER MOTOR ON			38599:44:785F	03-195/09:09:23	1TI
94	195 21:23:21	31			CC25CR	LECP REPL HTR OFF			38599:44:785F	03-195/09:09:23	1TI
95	195 21:23:21	31			CC25D	LECP MAIN SUPP HTR ON			38599:44:785F	03-195/09:09:23	1TI
96	195 21:23:21	31			CC25E	LECP LEPT SUPP HTR ON			38599:44:785F	03-195/09:09:23	1TI
97	195 21:23:21	31			CC27BR	PPS SUPP HTR OFF			38599:44:785F	03-195/09:09:23	1TI
98	195 21:23:21	31			CC32AR	PLS OFF			38599:44:785F	03-195/09:09:23	1TI
99	195 21:23:21	31			CC32BR	PLS SUPP HTR OFF			38599:44:785F	03-195/09:09:23	1TI
100	195 21:23:21	31			CC32C	PLS REPL HTR ON			38599:44:785F	03-195/09:09:23	1TI
101	195 21:23:21	31			CC34A	UVS ON			38599:44:785F	03-195/09:09:23	1TI
102	195 21:23:21	31			CC34B	UVS REPL HTR ON			38599:44:785F	03-195/09:09:23	1TI
103	195 21:23:21	31			CC35AR	MAG OFF			38599:44:785F	03-195/09:09:23	1TI
104	195 21:23:21	31			CC35B	MAG STANDBY ON			38599:44:785F	03-195/09:09:23	1TI
105	195 21:23:21	31			CC35GR	MAG SENSOR HTR OFF			38599:44:785F	03-195/09:09:23	1TI
106	195 21:23:21	31			CC36GR	ISS WA VID REPL HTR OFF			38599:44:785F	03-195/09:09:23	1TI
107	195 21:23:21	31			CC36HR	ISS WA ELEC REPL HTR OFF			38599:44:785F	03-195/09:09:23	1TI
108	195 21:23:21	31			CC36CRP	ISS NA OPTICS HTR OFF			38599:44:785F	03-195/09:09:23	1TI
109	195 21:23:21	31			CC36FRP	ISS NA VID REPL HTR OFF			38599:44:785F	03-195/09:09:23	1TI
110	195 21:23:21	31			CC36JP	ISS NA ELEC REPL HTR ON			38599:44:785F	03-195/09:09:23	1TI
111	195 21:23:21	31			CC39D	IRIS REPL HTR ON			38599:44:785F	03-195/09:09:23	1TI
112	195 21:23:21	31			CC39FR	IRIS STANDBY A SUPPLY OFF			38599:44:785F	03-195/09:09:23	1TI
113	195 21:23:21	31			CC39BR	IRIS STANDBY B SUPPLY OFF			38599:44:785F	03-195/09:09:23	1TI
114	195 21:23:21	31				SCIENCE INSTRUMENT STATUS			38599:44:785F	03-195/09:09:23	1TI
115	195 21:23:21	31			SC21AF	01000 CRS CMD WORD			38599:44:785F	03-195/09:09:23	1TI

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
116	195 21:23:21	31			SC21AF	02000 CRS CMD WORD			38599:44:785F	03-195/09:09:23	1TI
117	195 21:23:21	31			SC21AF	03000 CRS CMD WORD			38599:44:785F	03-195/09:09:23	1TI
118	195 21:23:21	31			SC21AF	04000 CRS CMD WORD			38599:44:785F	03-195/09:09:23	1TI
119	195 21:23:21	31			SC21AF	05300 CRS CMD WORD			38599:44:785F	03-195/09:09:23	1TI
120	195 21:23:21	31			SC21AF	06000 CRS CMD WORD			38599:44:785F	03-195/09:09:23	1TI
121	195 21:23:21	31			SC21AF	07200 CRS CMD WORD			38599:44:785F	03-195/09:09:23	1TI
122	195 21:23:21	31			SC21AF	08200 CRS CMD WORD			38599:44:785F	03-195/09:09:23	1TI
123	195 21:23:21	31			SC21AF	10000 CRS CMD WORD			38599:44:785F	03-195/09:09:23	1TI
124	195 21:23:21	31			SC21AF	11000 CRS CMD WORD			38599:44:785F	03-195/09:09:23	1TI
125	195 21:23:21	31			SC21AF	12000 CRS CMD WORD			38599:44:785F	03-195/09:09:23	1TI
126	195 21:23:21	31			SC21AF	13012 CRS CMD WORD			38599:44:785F	03-195/09:09:23	1TI
127	195 21:23:21	31			SC21AG	CRS HV FLAG			38599:44:785F	03-195/09:09:23	1TI
128	195 21:23:21	31			SC21AH	CRS CAL-ST FLAG			38599:44:785F	03-195/09:09:23	1TI
129	195 21:23:21	31			SC22AF	1347 PRA CONFIGURATION CMD			38599:44:785F	03-195/09:09:23	1TI
130	195 21:23:21	31			SC22NU	0000 PRA MODE SELECT			38599:44:785F	03-195/09:09:23	1TI
131	195 21:23:21	31			SC23AD	5 PWS CMD WORD			38599:44:785F	03-195/09:09:23	1TI
132	195 21:23:21	31			SC25AH	1777 LECP CMD WORD			38599:44:785F	03-195/09:09:23	1TI
133	195 21:23:21	31			SC25AH	2417 LECP CMD WORD			38599:44:785F	03-195/09:09:23	1TI
134	195 21:23:21	31			SC25AH	5600 LECP CMD WORD			38599:44:785F	03-195/09:09:23	1TI
135	195 21:23:21	31			SC25AH	6032 LECP CMD WORD			38599:44:785F	03-195/09:09:23	1TI
136	195 21:23:21	31			SC25AJ	1 LECP MOTOR STEP CMD			38599:44:785F	03-195/09:09:23	1TI
137	195 21:23:21	31			SC25AN	0 LECP NEAR/FAR ENC			38599:44:785F	03-195/09:09:23	1TI
138	195 21:23:21	31			SC25AQ	5200 LECP SAFE CMD			38599:44:785F	03-195/09:09:23	1TI

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
139	195 21:23:21	31			SC32AF	2 PLS E1 INT/AMP GAIN			38599:44:785F	03-195/09:09:23	1TI
140	195 21:23:21	31			SC32AG	2 PLS E2 INT/AMP GAIN			38599:44:785F	03-195/09:09:23	1TI
141	195 21:23:21	31			SC32AH	3 PLS M INT/AMP GAIN			38599:44:785F	03-195/09:09:23	1TI
142	195 21:23:21	31			SC32AJ	11 PLS CONFIG CMD			38599:44:785F	03-195/09:09:23	1TI
143	195 21:23:21	31			SC32AK	2 PLS L INT/AMP GAIN			38599:44:785F	03-195/09:09:23	1TI
144	195 21:23:21	31			SC32AL	216 PLS M START WORD 1			38599:44:785F	03-195/09:09:23	1TI
145	195 21:23:21	31			SC32AM	216 PLS M START WORD 2			38599:44:785F	03-195/09:09:23	1TI
146	195 21:23:21	31			SC32AN	2 PLS M MODE			38599:44:785F	03-195/09:09:23	1TI
147	195 21:23:21	31			SC32AP	3 PLS E1 SHRT			38599:44:785F	03-195/09:09:23	1TI
148	195 21:23:21	31			SC32AQ	3 PLS E2 SHRT			38599:44:785F	03-195/09:09:23	1TI
149	195 21:23:21	31			SC32AR	3 PLS L SHORT			38599:44:785F	03-195/09:09:23	1TI
150	195 21:23:21	31			SC32AS	2 PLS E1 LONG			38599:44:785F	03-195/09:09:23	1TI
151	195 21:23:21	31			SC32AT	2 PLS E2 LONG			38599:44:785F	03-195/09:09:23	1TI
152	195 21:23:21	31			SC32AU	2 PLS L LONG			38599:44:785F	03-195/09:09:23	1TI
153	195 21:23:21	31			SC34AE	13 UVS MODE/HV LEVEL			38599:44:785F	03-195/09:09:23	1TI
154	195 21:23:21	31			SC34AF	0 UVS READ OUT FLAG			38599:44:785F	03-195/09:09:23	1TI
155	195 21:23:21	31			SC35AI	030001 MAG HFM/EL FLIP/IFC/LFM			38599:44:785F	03-195/09:09:23	1TI
156	195 21:23:21	31			SC35AO	030001 MAG HFM/PRIME/IFC/LFM RAN			38599:44:785F	03-195/09:09:23	1TI
157	195 21:23:22	31				BEGIN SEQUENCE A048 -- LOCK STAR			38599:45:001F	03-195/09:09:23	1T
158	195 23:32:41	31	10RISE			10.2 DEGREE RISE DSC-10					1V
159	196 00:00:00	31				VGR-31 OWLT IS 12H 13M 59S					1L
160	196 01:30:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9469					1DP
161	196 01:55:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9470 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
162	196 01:55:00	31				CFG CODES					1DP
163	196 03:07:25	31	60 SET			15.5 DEGREE SET DSC-60					1V
164	196 07:01:56	31	40RISE			10.2 DEGREE RISE DSC-40					1V
165	196 10:15:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9470					1DP
166	196 11:01:19	31	10 SET			10.2 DEGREE SET DSC-10					1V
167	196 12:00:00	31				VGR-31 OWLT IS 12H 14M 03S					1L
168	196 13:39:16	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
169	196 13:39:16	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
170	196 13:40:04	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
171	196 13:40:04	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
172	196 13:42:40	31				BEGIN PWSREC.31			38620:09:001F	03-196/01:28:35	1T
173	196 13:42:40	31			SC32AJ	(10) PLS CONFIG CMD	FDS		38620:09:009F	03-196/01:28:36	1ECF
174	196 13:43:28	31				B- DRGS4B			38620:10:001F	03-196/01:29:23	1TB
175	196 13:43:28	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACCS READOUT MODE : TELEMETRY	FDS		38620:10:009F	03-196/01:29:24	1ECF
176	196 13:44:12	31				BEGIN RECORDING PWS DATA			38620:10:734F	03-196/01:30:07	1T
177	196 13:44:12	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		38620:10:735F	03-196/01:30:08	1ECd

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
178	196 13:44:12	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:4 TIC:2045	DTR		38620:10:735F	03-196/01:30:08	1ESd
179	196 13:44:16	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	38620:11:001F	03-196/01:30:11	1ESf
180	196 13:44:16	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		38620:11:002F	03-196/01:30:12	1ECs
181	196 13:44:17	31				B- DRCRUS			38620:11:018F	03-196/01:30:12	1TB
182	196 13:44:17	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		38620:11:026F	03-196/01:30:13	1ECf
183	196 13:45:04	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	38620:12:001F	03-196/01:30:59	1ESf
184	196 13:45:04	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		38620:12:002F	03-196/01:30:59	1ECs
185	196 13:45:04	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		38620:12:002F	03-196/01:31:00	1ECd
186	196 13:45:04	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:1753	DTR		38620:12:002F	03-196/01:31:00	1ESd

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
187	196 13:45:52	31			SC32AJ	(13) PLS CONFIG CMD	FDS		38620:13:010F	03-196/01:31:48	1ECf
188	196 13:45:53	31				END PWSREC.31			38620:13:018F	03-196/01:31:48	1T
189	196 15:45:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9470 (U/L PASS)					1DP
190	196 15:55:53	31	60RISE			10.2 DEGREE RISE DSC-60					1V
191	196 16:03:03	31	40 SET			10.2 DEGREE SET DSC-40					1V
192	196 22:50:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9470					1DP
193	196 23:28:44	31	10RISE			10.2 DEGREE RISE DSC-10					1V
194	197 00:00:00	31				VGR-31 OWLT IS 12H 14M 08S					1L
195	197 03:03:28	31	60 SET			15.5 DEGREE SET DSC-60					1V
196	197 06:57:57	31	40RISE			10.2 DEGREE RISE DSC-40					1V
197	197 07:45:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-9471 (D/L ONLY)					1DP
198	197 07:45:00	31				CFG CODES					1DP
199	197 10:57:21	31	10 SET			10.2 DEGREE SET DSC-10					1V
200	197 12:00:00	31				VGR-31 OWLT IS 12H 14M 13S					1L
201	197 12:50:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-9471					1DP
202	197 15:51:55	31	60RISE			10.2 DEGREE RISE DSC-60					1V
203	197 15:59:05	31	40 SET			10.2 DEGREE SET DSC-40					1V
204	197 16:00:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9471 (D/L ONLY)					1DP
205	197 16:00:00	31				CFG CODES					1DP
206	197 18:14:51	31				B- UVSLEW			38655:49:001F	03-197/06:00:35	1TB
207	197 18:14:51	31				SLEW TO HELIO-1A			38655:49:001F	03-197/06:00:35	1T
208	197 18:14:51	31				B- PLATPOB			38655:49:001F	03-197/06:00:35	1TB

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
209	197 18:14:51	31			AC7SPK	(1 12 1 134 217) EL SLEW R=LOW	AACS		38655:49:003F	03-197/06:00:36	1ECa
210	197 18:14:51	31			AC7SPK	(2 12 1 221 044) AZ SLEW R=LOW	AACS		38655:49:005F	03-197/06:00:36	1ECa
211	197 18:14:58	31				B- SLEND			38655:49:118F	03-197/06:00:42	1TB
212	197 18:14:58	31			SLEWEND	AZ=299.956 EL=80.031 CO=84.055			38655:49:118F	03-197/06:00:42	1T
213	197 21:15:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9471					1DP
214	197 23:24:47	31	10RISE			10.2 DEGREE RISE DSC-10					1V
215	198 00:00:00	31				VGR-31 OWLT IS 12H 14M 18S					1L
216	198 01:50:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9472 (D/L ONLY)					1DP
217	198 01:50:00	31				CFG CODES					1DP
218	198 02:59:32	31	60 SET			15.5 DEGREE SET DSC-60					1V
219	198 06:53:59	31	40RISE			10.2 DEGREE RISE DSC-40					1V
220	198 10:05:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9472					1DP
221	198 10:53:23	31	10 SET			10.2 DEGREE SET DSC-10					1V
222	198 12:00:00	31				VGR-31 OWLT IS 12H 14M 22S					1L
223	198 15:47:58	31	60RISE			10.2 DEGREE RISE DSC-60					1V
224	198 15:55:08	31	40 SET			10.2 DEGREE SET DSC-40					1V
225	198 16:00:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9472 (D/L ONLY)					1DP
226	198 16:00:00	31				CFG CODES					1DP
227	198 17:17:24	31			AC7SSB	(4 +139) SS BIAS CONTROL --- YAW	AACS		38684:37:002F	03-198/05:03:00	1ECa
228	198 18:15:01	31				B- UVSLEW			38685:49:001F	03-198/06:00:35	1TB
229	198 18:15:01	31				SLEW TO HELIO-2A			38685:49:001F	03-198/06:00:35	1T
230	198 18:15:01	31				B- PLATPOA			38685:49:001F	03-198/06:00:35	1TB

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
231	198 18:15:01	31			AC7SPK	(1 12 1 128 129) EL SLEW R=LOW	AACS		38685:49:003F	03-198/06:00:36	1ECa
232	198 18:17:14	31				B- SLEND			38685:51:618F	03-198/06:02:48	1TB
233	198 18:17:14	31			SLEWEND	AZ=299.956 EL=90.028 CO=94.064			38685:51:618F	03-198/06:02:48	1T
234	198 21:20:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9472					1DP
235	198 23:20:49	31	10RISE			10.2 DEGREE RISE DSC-10					1V
236	198 23:35:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9473 (D/L ONLY)					1DP
237	198 23:35:00	31				CFG CODES					1DP
238	199 00:00:00	31				VGR-31 OWLT IS 12H 14M 27S					1L
239	199 02:55:35	31	60 SET			15.5 DEGREE SET DSC-60					1V
240	199 06:45:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9473					1DP
241	199 06:50:01	31	40RISE			10.2 DEGREE RISE DSC-40					1V
242	199 10:49:24	31	10 SET			10.2 DEGREE SET DSC-10					1V
243	199 12:00:00	31				VGR-31 OWLT IS 12H 14M 32S					1L
244	199 15:44:01	31	60RISE			10.2 DEGREE RISE DSC-60					1V
245	199 15:51:11	31	40 SET			10.2 DEGREE SET DSC-40					1V
246	199 16:42:22	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		38713:53:002F	03-199/04:27:48	1ECd
247	199 16:42:22	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1746	DTR		38713:53:002F	03-199/04:27:48	1ESd
248	199 16:56:38	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		38714:10:676F	03-199/04:42:04	1ECd
249	199 16:56:38	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2055	DTR		38714:10:676F	03-199/04:42:04	1ESd

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
250	199 17:15:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9473 (D/L ONLY)					1DP
251	199 17:15:00	31				CFG CODES					1DP
252	199 18:15:11	31				B- UVSLEW			38715:49:001F	03-199/06:00:35	1TB
253	199 18:15:11	31				SLEW TO HELIO-3A			38715:49:001F	03-199/06:00:35	1T
254	199 18:15:11	31				B- PLATPOA			38715:49:001F	03-199/06:00:35	1TB
255	199 18:15:11	31			AC7SPK	(1 12 2 120 138) EL SLEW R=LOW	AACS		38715:49:003F	03-199/06:00:36	1ECa
256	199 18:17:31	31				B- SLEND			38715:51:734F	03-199/06:02:55	1TB
257	199 18:17:31	31			SLEWEND	AZ=299.956 EL=101.014 CO=104.994			38715:51:734F	03-199/06:02:55	1T
258	199 18:45:35	31			AC7SSB	(3 +007) SS BIAS CONTROL - PITCH	AACS		38716:27:003F	03-199/06:31:00	1ECa
259	199 19:39:47	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
260	199 19:39:47	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
261	199 19:40:35	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
262	199 19:40:35	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
263	199 19:42:23	31			CC16C	(7028) DTR STATE SELECT: READY	DTR		38717:38:002F	03-199/07:27:48	1ECd
264	199 19:42:23	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:2055	DTR		38717:38:002F	03-199/07:27:48	1ESd
265	199 19:43:11	31				AHEL11 PWSREC 26			38717:39:001F	03-199/07:28:35	1T
266	199 19:43:11	31				B- PWSREC.31			38717:39:001F	03-199/07:28:35	1TB

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
267	199 19:43:11	31				BEGIN PWSREC.31			38717:39:001F	03-199/07:28:35	1T
268	199 19:43:11	31			SC32AJ	(10) PLS CONFIG CMD	FDS		38717:39:009F	03-199/07:28:36	1ECf
269	199 19:43:59	31				B- DRGS4B			38717:40:001F	03-199/07:29:23	1TB
270	199 19:43:59	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		38717:40:009F	03-199/07:29:24	1ECf
271	199 19:44:43	31				BEGIN RECORDING PWS DATA			38717:40:734F	03-199/07:30:07	1T
272	199 19:44:43	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		38717:40:735F	03-199/07:30:08	1ECd
273	199 19:44:43	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:2055	DTR		38717:40:735F	03-199/07:30:08	1ESd
274	199 19:44:47	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	38717:41:001F	03-199/07:30:11	1ESf
275	199 19:44:47	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		38717:41:002F	03-199/07:30:11	1ECs
276	199 19:44:48	31				B- DRCRUS			38717:41:018F	03-199/07:30:12	1TB
277	199 19:44:48	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		38717:41:026F	03-199/07:30:13	1ECf

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
278	199 19:45:35	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	38717:42:001F	03-199/07:30:59	1ESf
279	199 19:45:35	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		38717:42:002F	03-199/07:30:59	1ECs
280	199 19:45:35	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		38717:42:002F	03-199/07:31:00	1ECd
281	199 19:45:35	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:1762	DTR		38717:42:002F	03-199/07:31:00	1ESd
282	199 19:46:23	31			SC32AJ	(13) PLS CONFIG CMD END PWSREC.31	FDS		38717:43:009F	03-199/07:31:48	1ECf
283	199 19:46:24	31							38717:43:018F	03-199/07:31:48	1T
284	199 21:15:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9473					1DP
285	199 21:52:00	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		38720:20:002F	03-199/09:37:24	1ECd
286	199 21:52:00	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:1756	DTR		38720:20:002F	03-199/09:37:24	1ESd
287	199 21:52:25	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		38720:20:421F	03-199/09:37:49	1ECd
288	199 21:52:25	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1746	DTR		38720:20:421F	03-199/09:37:49	1ESd
289	199 23:16:52	31	10RISE			10.2 DEGREE RISE DSC-10					1V
290	200 00:00:00	31				VGR-31 OWLT IS 12H 14M 37S					1L
291	200 00:40:00	31	24 AOS	OPCH ACE		AOS DSS-24 PASS-9474 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
292	200 00:40:00	31				CFG CODES					1DP
293	200 00:52:01	31			CC16C	(7024) DTR STATE SELECT: READY	DTR		38724:05:002F	03-199/12:37:24	1ECd
294	200 00:52:01	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:1746	DTR	38724:05:002F	03-199/12:37:24	1ESd	
295	200 02:51:38	31	60	SET		15.5 DEGREE SET DSC-60					1V
296	200 06:46:02	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
297	200 07:20:00	31	24	LOS	OPCH ACE	LOS DSS-24 PASS-9474					1DP
298	200 08:20:00	31	45	AOS	OPCH ACE	AOS DSS-45 PASS-9474 (D/L ONLY)					1DP
299	200 08:20:00	31				CFG CODES					1DP
300	200 10:45:26	31	10	SET		10.2 DEGREE SET DSC-10					1V
301	200 12:00:00	31				VGR-31 OWLT IS 12H 14M 42S					1L
302	200 14:20:00	31	45	LOS	OPCH ACE	LOS DSS-45 PASS-9474					1DP
303	200 15:30:00	31	63	AOS	OPCH ACE	AOS DSS-63 PASS-9474 (D/L ONLY)					1DP
304	200 15:30:00	31				CFG CODES					1DP
305	200 15:40:04	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
306	200 15:47:14	31	40	SET		10.2 DEGREE SET DSC-40					1V
307	200 18:15:20	31				B- UVSLEW		38745:49:001F	03-200/06:00:35		1TB
308	200 18:15:20	31				SLEW TO HELIO-4A		38745:49:001F	03-200/06:00:35		1T
309	200 18:15:20	31				B- PLATPOA		38745:49:001F	03-200/06:00:35		1TB
310	200 18:15:20	31			AC7SPK	(1 12 2 114 085) EL SLEW R=LOW	AACS	38745:49:003F	03-200/06:00:36		1ECa
311	200 18:17:15	31				B- SLEND		38745:51:318F	03-200/06:02:30		1TB

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
312	200 18:17:15	31			SLEWEND	AZ=299.956 EL=110.005 CO=113.926			38745:51:318F	03-200/06:02:30	1T
313	200 21:10:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9474					1DP
314	200 23:12:55	31	10RISE			10.2 DEGREE RISE DSC-10					1V
315	201 00:00:00	31				VGR-31 OWLT IS 12H 14M 47S					1L
316	201 00:00:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9475 (D/L ONLY)					1DP
317	201 00:00:00	31				CFG CODES					1DP
318	201 02:47:41	31	60 SET			15.5 DEGREE SET DSC-60					1V
319	201 05:10:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9475					1DP
320	201 06:42:04	31	40RISE			10.2 DEGREE RISE DSC-40					1V
321	201 10:41:28	31	10 SET			10.2 DEGREE SET DSC-10					1V
322	201 12:00:00	31				VGR-31 OWLT IS 12H 14M 52S					1L
323	201 15:30:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9475 (D/L ONLY)					1DP
324	201 15:30:00	31				CFG CODES					1DP
325	201 15:36:07	31	60RISE			10.2 DEGREE RISE DSC-60					1V
326	201 15:43:17	31	40 SET			10.2 DEGREE SET DSC-40					1V
327	201 18:15:30	31				B- UVSLEW			38775:49:001F	03-201/06:00:35	1TB
328	201 18:15:30	31				SLEW TO HELIO-5A			38775:49:001F	03-201/06:00:35	1T
329	201 18:15:30	31				B- PLATPOA			38775:49:001F	03-201/06:00:35	1TB
330	201 18:15:30	31			AC7SPK	(1 12 2 105 172) EL SLEW R=LOW	AACS		38775:49:003F	03-201/06:00:36	1ECa
331	201 18:18:08	31				B- SLEND			38775:52:234F	03-201/06:03:13	1TB
332	201 18:18:08	31			SLEWEND	AZ=299.956 EL=122.500 CO=126.362			38775:52:234F	03-201/06:03:13	1T
333	201 20:20:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9475					1DP

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
334	201 23:08:58	31	10RISE			10.2 DEGREE RISE DSC-10					1V
335	201 23:55:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9476 (D/L ONLY)					1DP
336	201 23:55:00	31				CFG CODES					1DP
337	202 00:00:00	31				VGR-31 OWLT IS 12H 14M 57S					1L
338	202 02:43:45	31	60 SET			15.5 DEGREE SET DSC-60					1V
339	202 06:38:05	31	40RISE			10.2 DEGREE RISE DSC-40					1V
340	202 09:15:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9476					1DP
341	202 10:37:29	31	10 SET			10.2 DEGREE SET DSC-10					1V
342	202 12:00:00	31				VGR-31 OWLT IS 12H 15M 01S					1L
343	202 15:32:10	31	60RISE			10.2 DEGREE RISE DSC-60					1V
344	202 15:39:20	31	40 SET			10.2 DEGREE SET DSC-40					1V
345	202 18:15:40	31				B- UVSLEW			38805:49:001F	03-202/06:00:35	1TB
346	202 18:15:40	31				SLEW TO HELIO-6A			38805:49:001F	03-202/06:00:35	1T
347	202 18:15:40	31				B- PLATPOA			38805:49:001F	03-202/06:00:35	1TB
348	202 18:15:40	31			AC7SPK	(1 12 2 100 171) EL SLEW R=LOW	AACS		38805:49:003F	03-202/06:00:36	1ECa
349	202 18:17:17	31				B- SLEND			38805:51:018F	03-202/06:02:12	1TB
350	202 18:17:17	31			SLEWEND	AZ=299.956 EL=129.999 CO=133.812			38805:51:018F	03-202/06:02:12	1T
351	202 23:05:01	31	10RISE			10.2 DEGREE RISE DSC-10					1V
352	203 00:00:00	31				VGR-31 OWLT IS 12H 15M 06S					1L
353	203 01:45:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9477 (D/L ONLY)					1DP
354	203 01:45:00	31				CFG CODES					1DP
355	203 02:39:48	31	60 SET			15.5 DEGREE SET DSC-60					1V

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
356	203 06:34:07	31	40RISE			10.2 DEGREE RISE DSC-40					1V
357	203 09:50:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9477					1DP
358	203 10:33:31	31	10 SET			10.2 DEGREE SET DSC-10					1V
359	203 12:00:00	31				VGR-31 OWLT IS 12H 15M 11S					1L
360	203 13:16:24	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
361	203 13:16:24	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
362	203 13:17:12	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
363	203 13:17:12	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
364	203 13:19:48	31				BEGIN PWSREC.31			38829:39:001F	03-203/01:04:35	1T
365	203 13:19:48	31			SC32AJ	(10) PLS CONFIG CMD	FDS		38829:39:010F	03-203/01:04:36	1ECf
366	203 13:20:36	31				B- DRGS4B			38829:40:001F	03-203/01:05:23	1TB
367	203 13:20:36	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		38829:40:009F	03-203/01:05:24	1ECf
368	203 13:21:20	31				BEGIN RECORDING PWS DATA			38829:40:734F	03-203/01:06:07	1T
369	203 13:21:20	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		38829:40:735F	03-203/01:06:08	1ECd
370	203 13:21:20	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:4 TIC:1746	DTR		38829:40:735F	03-203/01:06:08	1ESd

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
371	203 13:21:24	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	38829:41:001F	03-203/01:06:11	1ESf
372	203 13:21:24	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		38829:41:002F	03-203/01:06:12	1ECs
373	203 13:21:25	31				B- DRCRUS			38829:41:018F	03-203/01:06:12	1TB
374	203 13:21:25	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		38829:41:026F	03-203/01:06:13	1ECf
375	203 13:22:12	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	38829:42:001F	03-203/01:06:59	1ESf
376	203 13:22:12	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		38829:42:002F	03-203/01:06:59	1ECs
377	203 13:22:12	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		38829:42:002F	03-203/01:07:00	1ECd
378	203 13:22:12	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:1454	DTR		38829:42:002F	03-203/01:07:00	1ESd
379	203 13:23:00	31			SC32AJ	(13) PLS CONFIG CMD	FDS		38829:43:009F	03-203/01:07:48	1ECf
380	203 13:23:01	31				END PWSREC.31			38829:43:018F	03-203/01:07:48	1T
381	203 15:15:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9477 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
382	203 15:15:00	31				CFG CODES					1DP
383	203 15:28:13	31	60RISE			10.2 DEGREE RISE DSC-60					1V
384	203 15:35:23	31	40 SET			10.2 DEGREE SET DSC-40					1V
385	203 18:15:50	31				B- UVSLEW			38835:49:001F	03-203/06:00:35	1TB
386	203 18:15:50	31				SLEW TO HELIO-7A			38835:49:001F	03-203/06:00:35	1T
387	203 18:15:50	31				B- PLATPOA			38835:49:001F	03-203/06:00:35	1TB
388	203 18:15:50	31			AC7SPK	(1 12 2 093 118) EL SLEW R=LOW	AACS		38835:49:003F	03-203/06:00:36	1ECa
389	203 18:17:45	31				B- SLEND			38835:51:318F	03-203/06:02:30	1TB
390	203 18:17:45	31			SLEWEND	AZ=299.956 EL=138.997 CO=142.725			38835:51:318F	03-203/06:02:30	1T
391	203 21:00:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9477					1DP
392	203 23:01:04	31	10RISE			10.2 DEGREE RISE DSC-10					1V
393	204 00:00:00	31				VGR-31 OWLT IS 12H 15M 16S					1L
394	204 02:20:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9478 (U/L PASS)					1DP
395	204 02:35:51	31	60 SET			15.5 DEGREE SET DSC-60					1V
396	204 04:25:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9478 (D/L ONLY)					1DP
397	204 04:25:00	31				CFG CODES					1DP
398	204 05:20:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9478					1DP
399	204 05:24:31	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
400	204 05:24:31	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
401	204 05:24:43	31				BEGIN PMPALLR			38849:45:001F	03-203/17:09:23	1T

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT 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 05:28:43	31				B- DRRC5T			38849:50:001F	03-203/17:13:23	1TB
403	204 05:28:43	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		38849:50:009F	03-203/17:13:24	1ECf
404	204 05:29:31	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	38849:51:001F	03-203/17:14:11	1ESf
405	204 05:29:31	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		38849:51:001F	03-203/17:14:11	1ECs
406	204 05:35:55	31			SC06BY	(7) FDS PLS/MAG/PESCAL FLAG PLSCAL ENABLED MAGCAL ENABLED PESCAL ENABLED	FDS		38849:59:009F	03-203/17:20:36	1ECf
407	204 05:36:43	31				BEGIN PLS/MAG/PESCAL			38850:00:001F	03-203/17:21:23	1T
408	204 06:30:09	31	40RISE			10.2 DEGREE RISE DSC-40					1V
409	204 07:19:08	31				END PLSCAL			38852:08:001F	03-203/19:03:47	1T
410	204 08:30:20	31			AC7SSB	(3 +008) SS BIAS CONTROL - PITCH	AACS		38853:37:003F	03-203/20:15:00	1ECa
411	204 08:39:08	31				END MAGCAL			38853:48:001F	03-203/20:23:47	1T
412	204 08:52:32	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
413	204 08:52:32	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
414	204 08:56:44	31				END PESCAL			38854:10:001F	03-203/20:41:23	1T
415	204 08:56:44	31				B- DRRCRUS			38854:10:001F	03-203/20:41:23	1TB

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT 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	204 08:56:44	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		38854:10:010F	03-203/20:41:24	1ECf
417	204 08:57:32	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	38854:11:001F	03-203/20:42:11	1ESf
418	204 08:57:32	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		38854:11:002F	03-203/20:42:11	1ECs
419	204 08:57:33	31				END PMPCALLR			38854:11:018F	03-203/20:42:12	1T
420	204 09:45:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9478					1DP
421	204 10:29:33	31	10 SET			10.2 DEGREE SET DSC-10					1V
422	204 12:00:00	31				VGR-31 OWLT IS 12H 15M 22S					1L
423	204 15:24:16	31	60RISE			10.2 DEGREE RISE DSC-60					1V
424	204 15:31:26	31	40 SET			10.2 DEGREE SET DSC-40					1V
425	204 16:00:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9478 (D/L ONLY)					1DP
426	204 16:00:00	31				CFG CODES					1DP
427	204 18:16:00	31				B- UVSLEW			38865:49:001F	03-204/06:00:35	1TB
428	204 18:16:00	31				SLEW TO HELIO-8A			38865:49:001F	03-204/06:00:35	1T
429	204 18:16:00	31				B- PLATPOA			38865:49:001F	03-204/06:00:35	1TB
430	204 18:16:00	31			AC7SPK	(1 12 1 086 127) EL SLEW R=LOW	AACS		38865:49:003F	03-204/06:00:36	1ECa
431	204 18:18:20	31				B- SLEND			38865:51:734F	03-204/06:02:55	1TB
432	204 18:18:20	31			SLEWEND	AZ=299.956 EL=150.003 CO=153.532			38865:51:734F	03-204/06:02:55	1T

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
433	204 20:25:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9478					1DP
434	204 22:57:07	31	10RISE			10.2 DEGREE RISE DSC-10					1V
435	204 23:45:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9479 (D/L ONLY)					1DP
436	204 23:45:00	31				CFG CODES					1DP
437	205 00:00:00	31				VGR-31 OWLT IS 12H 15M 27S					1L
438	205 02:31:55	31	60 SET			15.5 DEGREE SET DSC-60					1V
439	205 06:26:10	31	40RISE			10.2 DEGREE RISE DSC-40					1V
440	205 09:40:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9479					1DP
441	205 10:15:00	31	43 AOS	OPCH ACE		AOS DSS-43 PASS-9479 (D/L ONLY)					1DP
442	205 10:15:00	31				CFG CODES					1DP
443	205 10:25:35	31	10 SET			10.2 DEGREE SET DSC-10					1V
444	205 12:00:00	31				VGR-31 OWLT IS 12H 15M 32S					1L
445	205 15:20:20	31	60RISE			10.2 DEGREE RISE DSC-60					1V
446	205 15:27:30	31	40 SET			10.2 DEGREE SET DSC-40					1V
447	205 15:40:00	31	43 LOS	OPCH ACE		LOS DSS-43 PASS-9479					1DP
448	205 16:00:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9479 (D/L ONLY)					1DP
449	205 16:00:00	31				CFG CODES					1DP
450	205 18:16:10	31				B- UVSLEW			38895:49:001F	03-205/06:00:35	1TB
451	205 18:16:10	31				SLEW TO PARK			38895:49:001F	03-205/06:00:35	1T
452	205 18:16:10	31				B- PLATPOB			38895:49:001F	03-205/06:00:35	1TB
453	205 18:16:10	31			AC7SPK	(2 12 2 219 070) AZ SLEW R=LOW	AACS		38895:49:003F	03-205/06:00:36	1ECa
454	205 18:16:10	31			AC7SPK	(1 12 1 079 039) EL SLEW R=LOW	AACS		38895:49:005F	03-205/06:00:36	1ECa

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
455	205 18:18:59	31				B- SLEND			38895:52:418F	03-205/06:03:24	1TB
456	205 18:18:59	31			SLEWEND	AZ=296.958 EL=160.005 CO=162.843			38895:52:418F	03-205/06:03:24	1T
457	205 20:00:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9479					1DP
458	205 22:53:10	31	10RISE			10.2 DEGREE RISE DSC-10					1V
459	205 23:35:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9480 (D/L ONLY)					1DP
460	205 23:35:00	31				CFG CODES					1DP
461	206 00:00:00	31				VGR-31 OWLT IS 12H 15M 37S					1L
462	206 02:27:58	31	60 SET			15.5 DEGREE SET DSC-60					1V
463	206 06:22:12	31	40RISE			10.2 DEGREE RISE DSC-40					1V
464	206 09:35:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9480					1DP
465	206 10:21:37	31	10 SET			10.2 DEGREE SET DSC-10					1V
466	206 12:00:00	31				VGR-31 OWLT IS 12H 15M 42S					1L
467	206 15:16:23	31	60RISE			10.2 DEGREE RISE DSC-60					1V
468	206 15:23:33	31	40 SET			10.2 DEGREE SET DSC-40					1V
469	206 16:19:32	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		38923:23:002F	03-206/04:03:48	1ECd
470	206 16:19:32	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1447	DTR		38923:23:002F	03-206/04:03:48	1ESd
471	206 16:20:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9480 (D/L ONLY)					1DP
472	206 16:20:00	31				CFG CODES					1DP
473	206 16:33:48	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		38923:40:675F	03-206/04:18:04	1ECd

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
487	206 19:21:53	31				BEGIN RECORDING PWS DATA			38927:10:734F	03-206/07:06:07	1T
488	206 19:21:53	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		38927:10:735F	03-206/07:06:08	1ECd
489	206 19:21:53	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:1756	DTR		38927:10:735F	03-206/07:06:08	1ESd
490	206 19:21:57	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	38927:11:001F	03-206/07:06:11	1ESf
491	206 19:21:57	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		38927:11:002F	03-206/07:06:12	1ECs
492	206 19:21:58	31				B- DRCRUS			38927:11:018F	03-206/07:06:12	1TB
493	206 19:21:58	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		38927:11:026F	03-206/07:06:13	1ECf
494	206 19:22:45	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	38927:12:001F	03-206/07:06:59	1ESf
495	206 19:22:45	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		38927:12:002F	03-206/07:07:00	1ECs
496	206 19:22:45	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		38927:12:002F	03-206/07:07:00	1ECd

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
497	206 19:22:45	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:1463	DTR		38927:12:002F	03-206/07:07:00	1ESd
498	206 19:23:33	31			SC32AJ	(13) PLS CONFIG CMD	FDS		38927:13:009F	03-206/07:07:48	1ECf
499	206 19:23:34	31				END PWSREC.31			38927:13:018F	03-206/07:07:48	1T
500	206 20:00:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9480					1DP
501	206 21:29:10	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		38929:50:002F	03-206/09:13:24	1ECd
502	206 21:29:10	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:1457	DTR		38929:50:002F	03-206/09:13:24	1ESd
503	206 21:29:35	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		38929:50:420F	03-206/09:13:49	1ECd
504	206 21:29:35	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1447	DTR		38929:50:420F	03-206/09:13:49	1ESd
505	206 22:49:13	31	10RISE			10.2 DEGREE RISE DSC-10					1V
506	207 00:00:00	31				VGR-31 OWLT IS 12H 15M 47S					1L
507	207 00:29:11	31			CC16C	(7024) DTR STATE SELECT: READY	DTR		38933:35:002F	03-206/12:13:24	1ECd
508	207 00:29:11	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:1447	DTR		38933:35:002F	03-206/12:13:24	1ESd
509	207 01:45:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9481 (D/L ONLY)					1DP
510	207 01:45:00	31				CFG CODES					1DP
511	207 02:24:04	31	60 SET			15.4 DEGREE SET DSC-60					1V

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
512	207 06:18:14	31	40RISE			10.2 DEGREE RISE DSC-40					1V
513	207 09:30:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9481					1DP
514	207 10:17:38	31	10 SET			10.2 DEGREE SET DSC-10					1V
515	207 12:00:00	31				VGR-31 OWLT IS 12H 15M 52S					1L
516	207 15:12:26	31	60RISE			10.2 DEGREE RISE DSC-60					1V
517	207 15:19:36	31	40 SET			10.2 DEGREE SET DSC-40					1V
518	207 15:55:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9481 (D/L ONLY)					1DP
519	207 15:55:00	31				CFG CODES					1DP
520	207 20:40:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9481					1DP
521	207 22:45:16	31	10RISE			10.2 DEGREE RISE DSC-10					1V
522	207 23:55:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9482 (D/L ONLY)					1DP
523	207 23:55:00	31				CFG CODES					1DP
524	208 00:00:00	31				VGR-31 OWLT IS 12H 15M 57S					1L
525	208 02:20:07	31	60 SET			15.4 DEGREE SET DSC-60					1V
526	208 06:10:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9482					1DP
527	208 06:14:15	31	40RISE			10.2 DEGREE RISE DSC-40					1V
528	208 09:45:00	31	34 AOS	OPCH ACE		AOS DSS-34 PASS-9482 (D/L ONLY)					1DP
529	208 09:45:00	31				CFG CODES					1DP
530	208 10:13:40	31	10 SET			10.2 DEGREE SET DSC-10					1V
531	208 12:00:00	31	34 LOS	OPCH ACE		LOS DSS-34 PASS-9482					1DP
532	208 12:00:00	31				VGR-31 OWLT IS 12H 16M 03S					1L
533	208 15:08:29	31	60RISE			10.2 DEGREE RISE DSC-60					1V

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
534	208 15:15:40	31	40 SET			10.2 DEGREE SET DSC-40					1V
535	208 19:15:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9482 (D/L ONLY)					1DP
536	208 19:15:00	31				CFG CODES					1DP
537	208 22:15:07	31			AC7SSB	(3 +009) SS BIAS CONTROL - PITCH	AACS		38990:47:003F	03-208/09:59:00	1ECa
538	208 22:30:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9483 (D/L ONLY)					1DP
539	208 22:30:00	31				CFG CODES					1DP
540	208 22:41:19	31	10RISE			10.2 DEGREE RISE DSC-10					1V
541	208 22:50:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9482					1DP
542	209 00:00:00	31				VGR-31 OWLT IS 12H 16M 08S					1L
543	209 02:16:10	31	60 SET			15.4 DEGREE SET DSC-60					1V
544	209 03:40:00	31	24 AOS	OPCH ACE		AOS DSS-24 PASS-9483 (D/L ONLY)					1DP
545	209 03:40:00	31				CFG CODES					1DP
546	209 04:00:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9483					1DP
547	209 06:10:17	31	40RISE			10.2 DEGREE RISE DSC-40					1V
548	209 07:30:00	31	24 LOS	OPCH ACE		LOS DSS-24 PASS-9483					1DP
549	209 10:09:42	31	10 SET			10.2 DEGREE SET DSC-10					1V
550	209 12:00:00	31				VGR-31 OWLT IS 12H 16M 13S					1L
551	209 15:04:33	31	60RISE			10.2 DEGREE RISE DSC-60					1V
552	209 15:11:43	31	40 SET			10.2 DEGREE SET DSC-40					1V
553	209 18:25:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9483 (D/L ONLY)					1DP
554	209 18:25:00	31				CFG CODES					1DP

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
572	210 12:57:48	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		39039:10:009F	03-210/00:41:24	1ECf
573	210 12:58:32	31				BEGIN RECORDING PWS DATA			39039:10:734F	03-210/00:42:07	1T
574	210 12:58:32	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		39039:10:735F	03-210/00:42:08	1ECd
575	210 12:58:32	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:4 TIC:1447	DTR		39039:10:735F	03-210/00:42:08	1ESd
576	210 12:58:36	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	39039:11:001F	03-210/00:42:11	1ESf
577	210 12:58:36	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		39039:11:002F	03-210/00:42:11	1ECs
578	210 12:58:37	31				B- DRCRUS			39039:11:018F	03-210/00:42:12	1TB
579	210 12:58:37	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		39039:11:026F	03-210/00:42:13	1ECf
580	210 12:59:24	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	39039:12:001F	03-210/00:42:59	1ESf

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
581	210 12:59:24	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		39039:12:002F	03-210/00:42:59	1ECs
582	210 12:59:24	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		39039:12:002F	03-210/00:43:00	1ECd
583	210 12:59:24	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:1155	DTR		39039:12:002F	03-210/00:43:00	1ESd
584	210 13:00:12	31			SC32AJ	(13) PLS CONFIG CMD	FDS		39039:13:009F	03-210/00:43:48	1ECf
585	210 13:00:13	31				END PWSREC.31			39039:13:018F	03-210/00:43:48	1T
586	210 15:00:36	31	60RISE			10.2 DEGREE RISE DSC-60					1V
587	210 15:07:46	31	40 SET			10.2 DEGREE SET DSC-40					1V
588	210 16:00:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9484 (D/L ONLY)					1DP
589	210 16:00:00	31				CFG CODES					1DP
590	210 17:46:38	31				B- MISCMD			39045:11:001F	03-210/05:30:11	1TB
591	210 17:46:38	31				MISCMD - BYPASS SCAN AND HEAT TE			39045:11:001F	03-210/05:30:11	1T
592	210 17:46:38	31			AC7PAR	(6173 620134) PARAMETER LOAD	AACS		39045:11:003F	03-210/05:30:12	1ECa
593	210 17:47:26	31				B- MISCMD			39045:12:001F	03-210/05:30:59	1TB
594	210 17:47:26	31				MISCMD - DIS AZ/EL PWR			39045:12:001F	03-210/05:30:59	1T
595	210 17:47:26	31			AC7PAR	(7247 000030) PARAMETER LOAD	AACS		39045:12:003F	03-210/05:31:00	1ECa
596	210 17:47:26	31			CC7GCRP	GYRO C OFF	PWR		39045:12:004F	03-210/05:31:00	1ECp
597	210 17:47:26	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS		39045:12:004F	03-210/05:31:00	1ESa

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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
598	210 17:47:26	31			CC7GCRP	GYRO C OFF	PWR		39045:12:006F	03-210/05:31:00	1ECp
599	210 17:47:26	31			CC7PC	(372) GYRO C OFF	AACS		39045:12:008F	03-210/05:31:00	1ECa
600	210 17:47:26	31			CC7GBRP	GYRO B OFF	PWR		39045:12:009F	03-210/05:31:00	1ECp
601	210 17:47:27	31			CC7GBRP	GYRO B OFF	PWR		39045:12:011F	03-210/05:31:00	1ECp
602	210 17:47:27	31			CC7PC	(362) GYRO B OFF	AACS		39045:12:013F	03-210/05:31:00	1ECa
603	210 17:47:27	31			CC7GARP	GYRO A OFF	PWR		39045:12:014F	03-210/05:31:00	1ECp
604	210 17:47:27	31			CC7GARP	GYRO A OFF	PWR		39045:12:016F	03-210/05:31:00	1ECp
605	210 17:47:27	31			CC7PC	(352) GYRO A OFF	AACS		39045:12:018F	03-210/05:31:00	1ECa
606	210 17:47:27	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		39045:12:018F	03-210/05:31:00	1ECp
607	210 17:47:27	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		39045:12:020F	03-210/05:31:01	1ECp
608	210 17:47:27	31			CC7PC	(312) DUMMY PWR CMD	AACS		39045:12:023F	03-210/05:31:01	1ECa
609	210 17:48:50	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
610	210 17:51:14	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
611	210 17:53:02	31				B- MISCMD			39045:19:001F	03-210/05:36:35	1TB
612	210 17:53:02	31				MISCMD - AACS MRO			39045:19:001F	03-210/05:36:35	1T
613	210 17:53:02	31			SC06BB	(53 0 07 1) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : MEMORY	FDS		39045:19:009F	03-210/05:36:36	1ECf
614	210 17:53:50	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	39045:20:001F	03-210/05:37:23	1ESf
615	210 17:54:38	31				B- MISCMD			39045:21:001F	03-210/05:38:11	1TB

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
616	210 17:54:38	31				MISCMD - R/O AZ ACT HTR			39045:21:001F	03-210/05:38:11	1T
617	210 17:54:38	31			AC7MLD	(6170) MISC LOGIC CNTL MEM DUMP	AACS		39045:21:003F	03-210/05:38:12	1ECa
618	210 17:55:26	31				B- MISCMD			39045:22:001F	03-210/05:38:59	1TB
619	210 17:55:26	31				MISCMD - AACS MRO			39045:22:001F	03-210/05:38:59	1T
620	210 17:55:26	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		39045:22:009F	03-210/05:39:00	1ECf
621	210 17:56:14	31		ACE	OPCH		FDS	CR-5T	39045:23:001F	03-210/05:39:47	1ESf
						FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11					
622	210 21:55:00	31	63 LOS	OPCH	ACE	LOS DSS-63 PASS-9484					1DP
623	210 22:30:00	31	14 AOS	OPCH	ACE	AOS DSS-14 PASS-9485 (U/L PASS)					1DP
624	210 22:33:26	31	10RISE			10.2 DEGREE RISE DSC-10					1V
625	211 00:00:00	31				VGR-31 OWLT IS 12H 16M 29S					1L
626	211 02:08:17	31	60 SET			15.4 DEGREE SET DSC-60					1V
627	211 03:50:00	31	26 AOS	OPCH	ACE	AOS DSS-26 PASS-9485 (D/L ONLY)					1DP
628	211 03:50:00	31				CFG CODES					1DP
629	211 04:10:00	31	14 LOS	OPCH	ACE	LOS DSS-14 PASS-9485					1DP
630	211 06:02:20	31	40RISE			10.2 DEGREE RISE DSC-40					1V
631	211 09:15:00	31	26 LOS	OPCH	ACE	LOS DSS-26 PASS-9485					1DP
632	211 10:01:46	31	10 SET			10.2 DEGREE SET DSC-10					1V
633	211 12:00:00	31				VGR-31 OWLT IS 12H 16M 34S					1L
634	211 14:56:40	31	60RISE			10.2 DEGREE RISE DSC-60					1V

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
635	211 15:03:50	31	40 SET			10.2 DEGREE SET DSC-40					1V
636	211 16:00:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9485 (D/L ONLY)					1DP
637	211 16:00:00	31				CFG CODES					1DP
638	211 20:00:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9485					1DP
639	211 22:29:29	31	10RISE			10.2 DEGREE RISE DSC-10					1V
640	211 23:15:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9486 (D/L ONLY)					1DP
641	211 23:15:00	31				CFG CODES					1DP
642	212 00:00:00	31				VGR-31 OWLT IS 12H 16M 39S					1L
643	212 02:04:22	31	60 SET			15.4 DEGREE SET DSC-60					1V
644	212 05:58:22	31	40RISE			10.2 DEGREE RISE DSC-40					1V
645	212 09:10:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9486					1DP
646	212 09:57:48	31	10 SET			10.2 DEGREE SET DSC-10					1V
647	212 12:00:00	31				VGR-31 OWLT IS 12H 16M 45S					1L
648	212 14:52:43	31	60RISE			10.2 DEGREE RISE DSC-60					1V
649	212 14:59:54	31	40 SET			10.2 DEGREE SET DSC-40					1V
650	212 22:25:33	31	10RISE			10.2 DEGREE RISE DSC-10					1V
651	213 00:00:00	31				VGR-31 OWLT IS 12H 16M 50S					1L
652	213 00:00:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9487 (D/L ONLY)					1DP
653	213 00:00:00	31				CFG CODES					1DP
654	213 02:00:26	31	60 SET			15.4 DEGREE SET DSC-60					1V
655	213 05:54:24	31	40RISE			10.2 DEGREE RISE DSC-40					1V
656	213 09:10:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9487					1DP

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
657	213 09:53:50	31	10 SET			10.2 DEGREE SET DSC-10					1V
658	213 11:59:56	31			AC7SSB	(3 +010) SS BIAS CONTROL - PITCH	AACS		39127:57:003F	03-212/23:43:00	1ECa
659	213 12:00:00	31				VGR-31 OWLT IS 12H 16M 56S					1L
660	213 14:48:47	31	60RISE			10.2 DEGREE RISE DSC-60					1V
661	213 14:55:57	31	40 SET			10.2 DEGREE SET DSC-40					1V
662	213 15:56:45	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		39132:53:002F	03-213/03:39:48	1ECd
663	213 15:56:45	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1148	DTR		39132:53:002F	03-213/03:39:48	1ESd
664	213 16:11:01	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		39133:10:675F	03-213/03:54:04	1ECd
665	213 16:11:01	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1457	DTR		39133:10:675F	03-213/03:54:04	1ESd
666	213 16:20:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9487 (D/L ONLY)					1DP
667	213 16:20:00	31				CFG CODES					1DP
668	213 18:54:11	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
669	213 18:54:11	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
670	213 18:54:59	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
671	213 18:54:59	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
672	213 18:56:47	31			CC16C	(7028) DTR STATE SELECT: READY	DTR		39136:38:002F	03-213/06:39:48	1ECd
673	213 18:56:47	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:1457	DTR		39136:38:002F	03-213/06:39:48	1ESd
674	213 18:57:35	31				AHEL11 PWSREC 28			39136:39:001F	03-213/06:40:35	1T
675	213 18:57:35	31				B- PWSREC.31			39136:39:001F	03-213/06:40:35	1TB
676	213 18:57:35	31				BEGIN PWSREC.31			39136:39:001F	03-213/06:40:35	1T
677	213 18:57:35	31			SC32AJ	(10) PLS CONFIG CMD	FDS		39136:39:009F	03-213/06:40:36	1ECf
678	213 18:58:23	31				B- DRGS4B			39136:40:001F	03-213/06:41:23	1TB
679	213 18:58:23	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		39136:40:009F	03-213/06:41:24	1ECf
680	213 18:59:07	31				BEGIN RECORDING PWS DATA			39136:40:734F	03-213/06:42:07	1T
681	213 18:59:07	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		39136:40:735F	03-213/06:42:08	1ECd
682	213 18:59:07	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:1457	DTR		39136:40:735F	03-213/06:42:08	1ESd
683	213 18:59:11	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	39136:41:001F	03-213/06:42:11	1ESf
684	213 18:59:11	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		39136:41:002F	03-213/06:42:11	1ECs

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
685	213 18:59:12	31				B- DRCRUS			39136:41:018F	03-213/06:42:12	1TB
686	213 18:59:12	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		39136:41:026F	03-213/06:42:13	1ECf
687	213 18:59:59	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	39136:42:001F	03-213/06:42:59	1ESf
688	213 18:59:59	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		39136:42:002F	03-213/06:42:59	1ECs
689	213 18:59:59	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		39136:42:002F	03-213/06:43:00	1ECd
690	213 18:59:59	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:1164	DTR		39136:42:002F	03-213/06:43:00	1ESd
691	213 19:00:47	31			SC32AJ	(13) PLS CONFIG CMD	FDS		39136:43:009F	03-213/06:43:48	1ECf
692	213 19:00:48	31				END PWSREC.31			39136:43:018F	03-213/06:43:48	1T
693	213 20:20:00	31	63 LOS	OPCH	ACE	LOS DSS-63 PASS-9487					1DP
694	213 21:06:24	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		39139:20:002F	03-213/08:49:24	1ECd
695	213 21:06:24	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:1158	DTR		39139:20:002F	03-213/08:49:24	1ESd
696	213 21:06:49	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		39139:20:421F	03-213/08:49:49	1ECd

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
697	213 21:06:49	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1148	DTR		39139:20:421F	03-213/08:49:49	1ESd
698	213 22:21:36	31	10RISE			10.2 DEGREE RISE DSC-10					1V
699	213 22:35:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9488 (D/L ONLY)					1DP
700	213 22:35:00	31				CFG CODES					1DP
701	214 00:00:00	31				VGR-31 OWLT IS 12H 17M 01S					1L
702	214 00:06:25	31			CC16C	(7024) DTR STATE SELECT: READY	DTR		39143:05:002F	03-213/11:49:24	1ECd
703	214 00:06:25	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:1148	DTR		39143:05:002F	03-213/11:49:24	1ESd
704	214 01:56:29	31	60 SET			15.4 DEGREE SET DSC-60					1V
705	214 02:05:38	31				B- GAIN.31			39145:34:001F	03-213/13:48:35	1TB
706	214 02:05:38	31				BEGIN GAIN31			39145:34:001F	03-213/13:48:35	1T
707	214 02:05:38	31				B- GYONAB.31			39145:34:001F	03-213/13:48:35	1TB
708	214 02:05:38	31				BEGIN GYONAB31			39145:34:001F	03-213/13:48:35	1T
709	214 02:05:38	31			AC7GYP	(000) DRIRU PATTERN CONTROL GYRO/AXIS=A/PITCH & YAW B/ROLL	AACS		39145:34:004F	03-213/13:48:36	1ECa
710	214 02:05:38	31			CC7GCRP	GYRO C OFF	PWR		39145:34:004F	03-213/13:48:36	1ECp
711	214 02:05:38	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS		39145:34:004F	03-213/13:48:36	1ESa
712	214 02:05:38	31			CC7GCRP	GYRO C OFF	PWR		39145:34:007F	03-213/13:48:36	1ECp

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
713	214 02:05:38	31			CC7PC	(372) GYRO C OFF	AACS		39145:34:009F	03-213/13:48:36	1ECa
714	214 02:05:38	31			CC7GBP	GYRO B ON	PWR		39145:34:009F	03-213/13:48:36	1ECp
715	214 02:05:38	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		39145:34:009F	03-213/13:48:36	1ESa
716	214 02:05:39	31			CC7GBP	GYRO B ON	PWR		39145:34:011F	03-213/13:48:36	1ECp
717	214 02:05:39	31			CC7PC	(363) GYRO B ON	AACS		39145:34:013F	03-213/13:48:36	1ECa
718	214 02:05:39	31			CC7GAP	GYRO A ON	PWR		39145:34:014F	03-213/13:48:36	1ECp
719	214 02:05:39	31				AACS STATUS MODE : CRU GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		39145:34:014F	03-213/13:48:36	1ESa
720	214 02:05:39	31			CC7GAP	GYRO A ON	PWR		39145:34:016F	03-213/13:48:36	1ECp
721	214 02:05:39	31			CC7PC	(353) GYRO A ON	AACS		39145:34:018F	03-213/13:48:36	1ECa
722	214 02:06:07	31				DRIRU INITIALIZATION			39145:34:484F	03-213/13:49:04	1T
723	214 02:06:08	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		39145:34:502F	03-213/13:49:06	1ECa
724	214 02:06:37	31				SET CALIB			39145:35:184F	03-213/13:49:34	1T
725	214 02:06:38	31			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		39145:35:204F	03-213/13:49:36	1ECa
726	214 02:15:37	31				START GYRO FAULT TEST			39145:46:384F	03-213/13:58:34	1T
727	214 02:15:38	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		39145:46:402F	03-213/13:58:36	1ECa
728	214 02:15:39	31				END GYONAB31			39145:46:418F	03-213/13:58:36	1T
729	214 03:05:38	31				B- CCSTIMB			39146:49:001F	03-213/14:48:35	1TB
730	214 03:05:38	31				EXECUTE CCSTIMB FINE			39146:49:001F	03-213/14:48:35	1T

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
731	214 05:50:26	31	40RISE			10.2 DEGREE RISE DSC-40					1V
732	214 09:30:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9488					1DP
733	214 09:49:52	31	10 SET			10.2 DEGREE SET DSC-10					1V
734	214 12:00:00	31				VGR-31 OWLT IS 12H 17M 06S					1L
735	214 14:44:51	31	60RISE			10.2 DEGREE RISE DSC-60					1V
736	214 14:52:01	31	40 SET			10.2 DEGREE SET DSC-40					1V
737	214 22:17:40	31	10RISE			10.2 DEGREE RISE DSC-10					1V
738	214 22:40:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9489 (D/L ONLY)					1DP
739	214 22:40:00	31				CFG CODES					1DP
740	215 00:00:00	31				VGR-31 OWLT IS 12H 17M 12S					1L
741	215 01:52:34	31	60 SET			15.4 DEGREE SET DSC-60					1V
742	215 05:46:28	31	40RISE			10.2 DEGREE RISE DSC-40					1V
743	215 08:10:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9489					1DP
744	215 09:45:54	31	10 SET			10.2 DEGREE SET DSC-10					1V
745	215 12:00:00	31				VGR-31 OWLT IS 12H 17M 17S					1L
746	215 14:30:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9489 (D/L ONLY)					1DP
747	215 14:30:00	31				CFG CODES					1DP
748	215 14:40:54	31	60RISE			10.2 DEGREE RISE DSC-60					1V
749	215 14:48:05	31	40 SET			10.2 DEGREE SET DSC-40					1V
750	215 22:13:43	31	10RISE			10.2 DEGREE RISE DSC-10					1V
751	216 00:00:00	31				VGR-31 OWLT IS 12H 17M 23S					1L
752	216 01:25:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9490 (D/L ONLY)					1DP

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
753	216 01:25:00	31				CFG CODES					1DP
754	216 01:48:38	31	60	SET		15.4 DEGREE SET DSC-60					1V
755	216 01:50:00	31	63	LOS	OPCH ACE	LOS DSS-63 PASS-9489					1DP
756	216 04:50:00	31	15	LOS	OPCH ACE	LOS DSS-15 PASS-9490					1DP
757	216 05:42:29	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
758	216 06:30:00	31	45	AOS	OPCH ACE	AOS DSS-45 PASS-9490 (D/L ONLY)					1DP
759	216 06:30:00	31				CFG CODES					1DP
760	216 09:41:56	31	10	SET		10.2 DEGREE SET DSC-10					1V
761	216 10:25:00	31	45	LOS	OPCH ACE	LOS DSS-45 PASS-9490					1DP
762	216 12:00:00	31				VGR-31 OWLT IS 12H 17M 28S					1L
763	216 14:36:58	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
764	216 14:44:08	31	40	SET		10.2 DEGREE SET DSC-40					1V
765	216 18:05:00	31	63	AOS	OPCH ACE	AOS DSS-63 PASS-9490 (D/L ONLY)					1DP
766	216 18:05:00	31				CFG CODES					1DP
767	216 22:09:47	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
768	217 00:00:00	31				VGR-31 OWLT IS 12H 17M 34S					1L
769	217 00:15:00	31	26	AOS	OPCH ACE	AOS DSS-26 PASS-9491 (D/L ONLY)					1DP
770	217 00:15:00	31				CFG CODES					1DP
771	217 00:35:00	31	63	LOS	OPCH ACE	LOS DSS-63 PASS-9490					1DP
772	217 01:44:43	31	60	SET		15.4 DEGREE SET DSC-60					1V
773	217 03:35:00	31	26	LOS	OPCH ACE	LOS DSS-26 PASS-9491					1DP

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
790	217 12:35:47	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:4 TIC:1148	DTR		39248:40:735F	03-217/00:18:08	1ESd
791	217 12:35:51	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	39248:41:001F	03-217/00:18:11	1ESf
792	217 12:35:51	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		39248:41:002F	03-217/00:18:12	1ECs
793	217 12:35:52	31				B- DRCRUS			39248:41:018F	03-217/00:18:12	1TB
794	217 12:35:52	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		39248:41:026F	03-217/00:18:13	1ECf
795	217 12:36:39	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	39248:42:001F	03-217/00:18:59	1ESf
796	217 12:36:39	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		39248:42:002F	03-217/00:19:00	1ECd
797	217 12:36:39	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:0856	DTR		39248:42:002F	03-217/00:19:00	1ESd
798	217 12:36:39	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		39248:42:002F	03-217/00:19:00	1ECs

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
799	217 12:37:27	31			SC32AJ	(13) PLS CONFIG CMD	FDS		39248:43:010F	03-217/00:19:48	1ECf
800	217 12:37:28	31				END PWSREC.31			39248:43:018F	03-217/00:19:48	1T
801	217 14:33:02	31	60RISE			10.2 DEGREE RISE DSC-60					1V
802	217 14:40:12	31	40 SET			10.2 DEGREE SET DSC-40					1V
803	217 22:05:51	31	10RISE			10.2 DEGREE RISE DSC-10					1V
804	218 00:00:00	31				VGR-31 OWLT IS 12H 17M 45S					1L
805	218 01:00:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9492 (U/L PASS)					1DP
806	218 01:40:47	31	60 SET			15.4 DEGREE SET DSC-60					1V
807	218 01:44:45	31			AC7SSB	(3 +011) SS BIAS CONTROL - PITCH	AACS		39265:07:003F	03-217/13:27:00	1ECa
808	218 03:06:22	31				DRIRU INITIALIZATION			39266:49:001F	03-217/14:48:35	1T
809	218 03:06:22	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		39266:49:001F	03-217/14:48:35	1ECa
810	218 03:30:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9492					1DP
811	218 05:34:33	31	40RISE			10.2 DEGREE RISE DSC-40					1V
812	218 08:10:00	31	34 AOS	OPCH ACE		AOS DSS-34 PASS-9492 (D/L ONLY)					1DP
813	218 08:10:00	31				CFG CODES					1DP
814	218 09:34:00	31	10 SET			10.2 DEGREE SET DSC-10					1V
815	218 12:00:00	31				VGR-31 OWLT IS 12H 17M 50S					1L
816	218 12:10:00	31	34 LOS	OPCH ACE		LOS DSS-34 PASS-9492					1DP
817	218 14:29:06	31	60RISE			10.2 DEGREE RISE DSC-60					1V
818	218 14:36:16	31	40 SET			10.2 DEGREE SET DSC-40					1V
819	218 21:15:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9492 (D/L ONLY)					1DP
820	218 21:15:00	31				CFG CODES					1DP

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
821	218 22:01:54	31	10RISE			10.2 DEGREE RISE DSC-10					1V
822	219 00:00:00	31				VGR-31 OWLT IS 12H 17M 56S					1L
823	219 00:30:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9493 (D/L ONLY)					1DP
824	219 00:30:00	31				CFG CODES					1DP
825	219 00:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9492					1DP
826	219 01:36:52	31	60 SET			15.4 DEGREE SET DSC-60					1V
827	219 01:45:09	31	14	TRK DSS		ASCAL PREP ===== ANTENNA DRIVE TO PRECISION ONE (70 METER STATION ONLY) PRIME DATA SOURCE=X BAND AGC ===== TURN CONSCAN -----> OFF (IF ON)					1TD
828	219 01:55:57	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
829	219 01:55:57	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=30 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
830	219 02:00:09	31				B- ASCAL			39295:26:001F	03-218/13:42:11	1TB
831	219 02:00:09	31				B- DREL40			39295:26:001F	03-218/13:42:11	1TB
832	219 02:00:09	31			SC06BB	(32 0 07 0) FDS MODE TO: EL-40 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		39295:26:009F	03-218/13:42:12	1ECF

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
833	219 02:00:09	31	14	OPCH 14		START ASCAL =====					1TD
						DSS-14: MONITOR X-BD AGC VARIATIONS DURING ASCAL IF X-BD RCVR DROPS LOCK INITIATE AUTO ACQUIRE					
834	219 02:00:57	31		ACE OPCH			FDS	CE-40	39295:27:001F	03-218/13:42:59	1ESF
						FDS STATUS EL-40/X40/S40 MEM:PA/FDS11					
835	219 02:00:57	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		39295:27:002F	03-218/13:43:00	1ECs
836	219 02:16:09	31				.05 ALL AXES DEADBAND			39295:46:001F	03-218/13:58:11	1T
837	219 02:16:09	31			AC7DDB	(000480) CHG TO .05 DEG DEADBAND	AACS		39295:46:003F	03-218/13:58:12	1ECa
838	219 02:32:09	31			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		39296:06:002F	03-218/14:14:12	1ECa
839	219 02:32:09	31				AACS STATUS MODE : AAI GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		39296:06:002F	03-218/14:14:12	1ESa
840	219 02:32:09	31			CC7GCRP	GYRO C OFF	PWR		39296:06:003F	03-218/14:14:12	1ECp
841	219 02:32:09	31			CC7GCRP	GYRO C OFF	PWR		39296:06:005F	03-218/14:14:12	1ECp
842	219 02:32:09	31			CC7PC	(372) GYRO C OFF	AACS		39296:06:007F	03-218/14:14:12	1ECa
843	219 02:32:09	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		39296:06:008F	03-218/14:14:12	1ECp
844	219 02:32:09	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		39296:06:010F	03-218/14:14:12	1ECp
845	219 02:32:10	31			CC7PC	(312) DUMMY PWR CMD	AACS		39296:06:012F	03-218/14:14:12	1ECa

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
846	219 02:32:56	31	14	OPCH 14		ASCAL =====					1TD
						START YAW DRIFT TURNS					
847	219 02:32:57	31				START FIRST YAW DRIFT TURN			39296:07:001F	03-218/14:14:59	1T
848	219 02:32:57	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		39296:07:003F	03-218/14:15:00	1ECa
849	219 02:36:57	31			AC7PAR	(7015 764220) PARAMETER LOAD	AACS		39296:12:003F	03-218/14:19:00	1ECa
850	219 02:44:57	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		39296:22:003F	03-218/14:27:00	1ECa
851	219 02:48:57	31			AC7PAR	(7015 000000) PARAMETER LOAD	AACS		39296:27:003F	03-218/14:31:00	1ECa
852	219 02:48:57	31	14	OPCH 14		ASCAL =====					1TD
						END YAW DRIFT TURNS					
853	219 02:48:58	31				END THIRD YAW DRIFT TURN			39296:27:018F	03-218/14:31:00	1T
854	219 02:49:44	31	14	OPCH 14		ASCAL =====					1TD
						START PITCH DRIFT TURNS					
855	219 02:49:45	31				START FIRST PITCH DRIFT TURN			39296:28:001F	03-218/14:31:47	1T
856	219 02:49:45	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		39296:28:003F	03-218/14:31:48	1ECa
857	219 02:53:45	31			AC7PAR	(7014 764220) PARAMETER LOAD	AACS		39296:33:003F	03-218/14:35:48	1ECa
858	219 03:01:45	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		39296:43:003F	03-218/14:43:48	1ECa
859	219 03:05:45	31			AC7PAR	(7014 000000) PARAMETER LOAD	AACS		39296:48:003F	03-218/14:47:48	1ECa
860	219 03:05:45	31	14	OPCH 14		ASCAL =====					1TD
						END PITCH DRIFT TURNS					

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT 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	219 03:05:46	31				END THIRD PITCH DRIFT TURN			39296:48:018F	03-218/14:47:48	1T
862	219 03:07:21	31			CC7SS	(1) SS SEARCH ENABLE	AACS		39296:50:001F	03-218/14:49:23	1ECa
863	219 03:07:21	31				AACS STATUS MODE : RAI GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		39296:50:001F	03-218/14:49:23	1ESa
864	219 03:07:21	31			CC7PC	(327) IDET ACQUIRED	AACS		39296:50:002F	03-218/14:49:24	1ECa
865	219 03:07:21	31			CC7GCRP	GYRO C OFF	PWR		39296:50:003F	03-218/14:49:24	1ECp
866	219 03:07:21	31			CC7GCRP	GYRO C OFF	PWR		39296:50:005F	03-218/14:49:24	1ECp
867	219 03:07:21	31			CC7PC	(372) GYRO C OFF	AACS		39296:50:007F	03-218/14:49:24	1ECa
868	219 03:07:21	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		39296:50:008F	03-218/14:49:24	1ECp
869	219 03:07:21	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		39296:50:010F	03-218/14:49:24	1ECp
870	219 03:07:22	31			CC7PC	(312) DUMMY PWR CMD	AACS		39296:50:012F	03-218/14:49:24	1ECa
871	219 03:07:57	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
872	219 03:07:57	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
873	219 03:08:57	31			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		39296:52:001F	03-218/14:50:59	1ECa
874	219 03:10:02	31				AACS STATUS MODE : CRU GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		39296:53:285F	03-218/14:52:04	1ESa
875	219 03:10:02	31			CC7PC	(307) STAR ACQUIRED	AACS		39296:53:285F	03-218/14:52:04	1ECa
876	219 03:10:02	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		39296:53:286F	03-218/14:52:05	1ECp

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
877	219 03:10:02	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		39296:53:288F	03-218/14:52:05	1ECp
878	219 03:10:02	31			CC7PC	(312) DUMMY PWR CMD	AACS		39296:53:290F	03-218/14:52:05	1ECa
879	219 03:12:09	31				B- DRCRUS			39296:56:001F	03-218/14:54:11	1TB
880	219 03:12:09	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		39296:56:009F	03-218/14:54:12	1ECf
881	219 03:12:57	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	39296:57:001F	03-218/14:54:59	1ESf
882	219 03:12:57	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		39296:57:002F	03-218/14:55:00	1ECs
883	219 03:18:33	31				B- YAWDB			39297:04:001F	03-218/15:00:35	1TB
884	219 03:18:33	31				YAWDB - .10			39297:04:001F	03-218/15:00:35	1T
885	219 03:18:33	31				B- ROLLDB			39297:04:001F	03-218/15:00:35	1TB
886	219 03:18:33	31				ROLLDB - .25			39297:04:001F	03-218/15:00:35	1T
887	219 03:18:33	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		39297:04:004F	03-218/15:00:36	1ECa
888	219 03:18:33	31			AC7PAR	(6742 004540) +ROLL DB=.25 DEG	AACS		39297:04:006F	03-218/15:00:36	1ECa
889	219 03:18:34	31	14	OPCH 14		END ASCAL					1TD
890	219 03:27:09	31				B- MISCMD			39297:14:601F	03-218/15:09:11	1TB
891	219 03:27:09	31				MISCMD - RESTART GYRO FAULT TEST			39297:14:601F	03-218/15:09:11	1T
892	219 03:27:09	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		39297:14:602F	03-218/15:09:12	1ECa
893	219 04:50:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9493					1DP

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
894	219 05:30:35	31	40RISE			10.2 DEGREE RISE DSC-40					1V
895	219 09:30:02	31	10 SET			10.2 DEGREE SET DSC-10					1V
896	219 12:00:00	31				VGR-31 OWLT IS 12H 18M 01S					1L
897	219 14:25:10	31	60RISE			10.2 DEGREE RISE DSC-60					1V
898	219 14:32:20	31	40 SET			10.2 DEGREE SET DSC-40					1V
899	219 14:50:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9493 (D/L ONLY)					1DP
900	219 14:50:00	31				CFG CODES					1DP
901	219 21:57:58	31	10RISE			10.2 DEGREE RISE DSC-10					1V
902	219 23:30:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9494 (D/L ONLY)					1DP
903	219 23:30:00	31				CFG CODES					1DP
904	219 23:50:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9493					1DP
905	220 00:00:00	31				VGR-31 OWLT IS 12H 18M 07S					1L
906	220 01:32:56	31	60 SET			15.4 DEGREE SET DSC-60					1V
907	220 03:15:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9494					1DP
908	220 04:45:00	31	24 AOS	OPCH ACE		AOS DSS-24 PASS-9494 (D/L ONLY)					1DP
909	220 04:45:00	31				CFG CODES					1DP
910	220 05:26:37	31	40RISE			10.2 DEGREE RISE DSC-40					1V
911	220 08:15:00	31	24 LOS	OPCH ACE		LOS DSS-24 PASS-9494					1DP
912	220 09:26:04	31	10 SET			10.2 DEGREE SET DSC-10					1V
913	220 12:00:00	31				VGR-31 OWLT IS 12H 18M 12S					1L
914	220 14:21:14	31	60RISE			10.2 DEGREE RISE DSC-60					1V
915	220 14:28:24	31	40 SET			10.2 DEGREE SET DSC-40					1V

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
916	220 15:05:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9494 (D/L ONLY)					1DP
917	220 15:05:00	31				CFG CODES					1DP
918	220 15:34:02	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		39342:23:002F	03-220/03:15:48	1ECd
919	220 15:34:02	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0849	DTR		39342:23:002F	03-220/03:15:48	1ESd
920	220 15:48:18	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		39342:40:671F	03-220/03:30:04	1ECd
921	220 15:48:18	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1158	DTR		39342:40:671F	03-220/03:30:04	1ESd
922	220 18:31:27	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
923	220 18:31:27	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
924	220 18:32:15	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
925	220 18:32:15	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
926	220 18:34:03	31			CC16C	(7028) DTR STATE SELECT: READY	DTR		39346:08:002F	03-220/06:15:48	1ECd
927	220 18:34:03	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:1158	DTR		39346:08:002F	03-220/06:15:48	1ESd
928	220 18:34:51	31				AHEL11 PWSREC 29			39346:09:001F	03-220/06:16:35	1T

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
929	220 18:34:51	31				B- PWSREC.31			39346:09:001F	03-220/06:16:35	1TB
930	220 18:34:51	31				BEGIN PWSREC.31			39346:09:001F	03-220/06:16:35	1T
931	220 18:34:51	31			SC32AJ	(10) PLS CONFIG CMD	FDS		39346:09:009F	03-220/06:16:36	1ECf
932	220 18:35:39	31				B- DRGS4B			39346:10:001F	03-220/06:17:23	1TB
933	220 18:35:39	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		39346:10:009F	03-220/06:17:24	1ECf
934	220 18:36:23	31				BEGIN RECORDING PWS DATA			39346:10:734F	03-220/06:18:07	1T
935	220 18:36:23	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		39346:10:735F	03-220/06:18:08	1ECd
936	220 18:36:23	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:1158	DTR		39346:10:735F	03-220/06:18:08	1ESd
937	220 18:36:27	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	39346:11:001F	03-220/06:18:11	1ESf
938	220 18:36:27	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		39346:11:002F	03-220/06:18:12	1ECs
939	220 18:36:28	31				B- DRCRUS			39346:11:018F	03-220/06:18:12	1TB
940	220 18:36:28	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		39346:11:026F	03-220/06:18:13	1ECf

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT 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	220 18:37:15	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	39346:12:001F	03-220/06:18:59	1ESf
942	220 18:37:15	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		39346:12:002F	03-220/06:19:00	1ECd
943	220 18:37:15	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:0865	DTR		39346:12:002F	03-220/06:19:00	1ESd
944	220 18:37:15	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		39346:12:002F	03-220/06:19:00	1ECs
945	220 18:38:03	31			SC32AJ	(13) PLS CONFIG CMD	FDS		39346:13:009F	03-220/06:19:48	1ECf
946	220 18:38:04	31				END PWSREC.31			39346:13:018F	03-220/06:19:48	1T
947	220 19:30:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9494					1DP
948	220 20:43:40	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		39348:50:002F	03-220/08:25:24	1ECd
949	220 20:43:40	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:0859	DTR		39348:50:002F	03-220/08:25:24	1ESd
950	220 20:44:05	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		39348:50:425F	03-220/08:25:49	1ECd
951	220 20:44:05	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:0849	DTR		39348:50:425F	03-220/08:25:49	1ESd
952	220 21:50:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9495 (D/L ONLY)					1DP
953	220 21:50:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
969	221 03:08:31	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		39356:51:002F	03-220/14:50:12	1ECs
970	221 03:14:56	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR COMMANDED TURN D/L AGC VARIATIONS EXPECTED					11EC
971	221 03:16:56	31			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		39357:01:419F	03-220/14:58:37	1ECa
972	221 03:16:56	31				AACS STATUS MODE : AAI GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS	39357:01:419F	03-220/14:58:37	1ESa	
973	221 03:16:56	31			CC7GCRP	GYRO C OFF	PWR		39357:01:420F	03-220/14:58:37	1ECp
974	221 03:16:56	31			CC7GCRP	GYRO C OFF	PWR		39357:01:422F	03-220/14:58:37	1ECp
975	221 03:16:56	31			CC7PC	(372) GYRO C OFF	AACS		39357:01:424F	03-220/14:58:37	1ECa
976	221 03:16:56	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		39357:01:425F	03-220/14:58:37	1ECp
977	221 03:16:56	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		39357:01:427F	03-220/14:58:37	1ECp
978	221 03:16:57	31			CC7PC	(312) DUMMY PWR CMD	AACS		39357:01:429F	03-220/14:58:37	1ECa
979	221 03:19:56	31			AC7TCD	(322 033605) TURN COMMAND AXIS=ROLL POL=NEG RNG SCALE=X10	AACS		39357:05:220F	03-220/15:01:37	1ECa
980	221 05:22:39	31	40RISE			10.2 DEGREE RISE DSC-40					1V
981	221 07:48:11	31			SC32AJ	(10) PLS CONFIG CMD	FDS		39362:40:426F	03-220/19:29:49	1ECf
982	221 08:21:42	31			SC32AJ	(11) PLS CONFIG CMD	FDS		39363:22:342F	03-220/20:03:20	1ECf
983	221 08:58:02	31			CC7PC	(345) CMDED TURN COMPLETE	AACS		39364:07:670F	03-220/20:39:40	1ECa
984	221 08:58:03	31				ROLL TURN COMPLETE (NOMINAL)			39364:07:684F	03-220/20:39:40	1T
985	221 08:58:59	31			SC32AJ	(11) PLS CONFIG CMD	FDS		39364:09:026F	03-220/20:40:37	1ECf
986	221 09:07:59	31				RESET CALIB			39364:20:218F	03-220/20:49:36	1T

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
987	221 09:07:59	31			AC7PAR	(7530 000000) PARAMETER LOAD	AACS		39364:20:220F	03-220/20:49:37	1ECa
988	221 09:08:29	31			CC7SS	(1) SS SEARCH ENABLE	AACS		39364:20:719F	03-220/20:50:07	1ECa
989	221 09:08:29	31				AACS STATUS MODE : RAI GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS	39364:20:719F	03-220/20:50:07	1ESa	
990	221 09:08:29	31			CC7PC	(327) IDET ACQUIRED	AACS		39364:20:719F	03-220/20:50:07	1ECa
991	221 09:08:29	31			CC7GCRP	GYRO C OFF	PWR		39364:20:720F	03-220/20:50:07	1ECp
992	221 09:08:29	31			CC7GCRP	GYRO C OFF	PWR		39364:20:722F	03-220/20:50:07	1ECp
993	221 09:08:29	31			CC7PC	(372) GYRO C OFF	AACS		39364:20:724F	03-220/20:50:07	1ECa
994	221 09:08:29	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		39364:20:725F	03-220/20:50:07	1ECp
995	221 09:08:29	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		39364:20:727F	03-220/20:50:07	1ECp
996	221 09:08:30	31			CC7PC	(312) DUMMY PWR CMD	AACS		39364:20:729F	03-220/20:50:07	1ECa
997	221 09:14:29	31			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		39364:28:319F	03-220/20:56:07	1ECa
998	221 09:15:34	31				GYROS OFF			39364:29:601F	03-220/20:57:11	1T
999	221 09:15:34	31				AACS STATUS MODE : CRU GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS	39364:29:602F	03-220/20:57:12	1ESa	
1000	221 09:15:34	31			CC7PC	(307) STAR ACQUIRED	AACS		39364:29:602F	03-220/20:57:12	1ECa
1001	221 09:15:34	31			CC7GCRP	GYRO C OFF	PWR		39364:29:603F	03-220/20:57:12	1ECp
1002	221 09:15:34	31			CC7GCRP	GYRO C OFF	PWR		39364:29:605F	03-220/20:57:12	1ECp
1003	221 09:15:34	31			CC7PC	(372) GYRO C OFF	AACS		39364:29:607F	03-220/20:57:12	1ECa
1004	221 09:15:34	31			CC7GBRP	GYRO B OFF	PWR		39364:29:608F	03-220/20:57:12	1ECp

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1021	221 09:26:59	31				B- DRCRUS			39364:44:018F	03-220/21:08:36	1TB
1022	221 09:26:59	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		39364:44:026F	03-220/21:08:37	1ECf
1023	221 09:27:46	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	39364:45:001F	03-220/21:09:23	1ESf
1024	221 09:27:46	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		39364:45:002F	03-220/21:09:24	1ECs
1025	221 09:27:47	31				END MAGROLAB31			39364:45:018F	03-220/21:09:24	1T
1026	221 09:35:00	31	14 LOS	OPCH	ACE	LOS DSS-14 PASS-9495					1DP
1027	221 12:00:00	31				VGR-31 OWLT IS 12H 18M 23S					1L
1028	221 14:17:18	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1029	221 14:24:28	31	40 SET			10.2 DEGREE SET DSC-40					1V
1030	221 14:55:00	31	65 AOS	OPCH	ACE	AOS DSS-65 PASS-9495 (D/L ONLY)					1DP
1031	221 14:55:00	31				CFG CODES					1DP
1032	221 19:30:00	31	65 LOS	OPCH	ACE	LOS DSS-65 PASS-9495					1DP
1033	221 21:50:06	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1034	221 22:05:00	31	15 AOS	OPCH	ACE	AOS DSS-15 PASS-9496 (D/L ONLY)					1DP
1035	221 22:05:00	31				CFG CODES					1DP
1036	222 00:00:00	31				VGR-31 OWLT IS 12H 18M 29S					1L
1037	222 01:25:04	31	60 SET			15.3 DEGREE SET DSC-60					1V

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1038	222 04:05:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9496					1DP
1039	222 05:18:41	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1040	222 05:20:00	31	43 AOS	OPCH ACE		AOS DSS-43 PASS-9496 (D/L ONLY)					1DP
1041	222 05:20:00	31				CFG CODES					1DP
1042	222 08:35:00	31	43 LOS	OPCH ACE		LOS DSS-43 PASS-9496					1DP
1043	222 09:18:08	31	10 SET			10.2 DEGREE SET DSC-10					1V
1044	222 12:00:00	31				VGR-31 OWLT IS 12H 18M 35S					1L
1045	222 14:13:22	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1046	222 14:20:32	31	40 SET			10.2 DEGREE SET DSC-40					1V
1047	222 14:55:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9496 (D/L ONLY)					1DP
1048	222 14:55:00	31				CFG CODES					1DP
1049	222 15:29:36	31			AC7SSB	(3 +012) SS BIAS CONTROL - PITCH	AACS		39402:17:003F	03-222/03:11:00	1ECa
1050	222 18:50:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9496					1DP
1051	222 21:46:10	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1052	222 22:00:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9497 (D/L ONLY)					1DP
1053	222 22:00:00	31				CFG CODES					1DP
1054	223 00:00:00	31				VGR-31 OWLT IS 12H 18M 40S					1L
1055	223 01:21:10	31	60 SET			15.3 DEGREE SET DSC-60					1V
1056	223 04:10:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9497					1DP
1057	223 05:14:43	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1058	223 06:05:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-9497 (D/L ONLY)					1DP

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1091	224 12:13:10	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		39458:11:026F	03-223/23:54:13	1ECf
1092	224 12:13:57	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	39458:12:001F	03-223/23:54:59	1ESf
1093	224 12:13:57	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		39458:12:002F	03-223/23:55:00	1ECs
1094	224 12:13:57	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		39458:12:002F	03-223/23:55:00	1ECd
1095	224 12:13:57	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:0557	DTR		39458:12:002F	03-223/23:55:00	1ESd
1096	224 12:14:45	31			SC32AJ	(13) PLS CONFIG CMD	FDS		39458:13:010F	03-223/23:55:48	1ECf
1097	224 12:14:46	31				END PWSREC.31			39458:13:018F	03-223/23:55:48	1T
1098	224 14:05:30	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1099	224 14:12:40	31	40 SET			10.2 DEGREE SET DSC-40					1V
1100	224 14:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9498 (D/L ONLY)					1DP
1101	224 14:45:00	31				CFG CODES					1DP
1102	224 18:10:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9498					1DP
1103	224 21:30:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9499 (U/L PASS)					1DP
1104	224 21:38:18	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1105	225 00:00:00	31				VGR-31 OWLT IS 12H 19M 03S					1L

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1106	225 01:13:19	31	60 SET			15.3 DEGREE SET DSC-60					1V
1107	225 04:55:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9499					1DP
1108	225 05:06:47	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1109	225 09:06:15	31	10 SET			10.2 DEGREE SET DSC-10					1V
1110	225 12:00:00	31				VGR-31 OWLT IS 12H 19M 09S					1L
1111	225 14:01:34	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1112	225 14:08:45	31	40 SET			10.2 DEGREE SET DSC-40					1V
1113	225 16:00:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9499 (D/L ONLY)					1DP
1114	225 16:00:00	31				CFG CODES					1DP
1115	225 19:50:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9499					1DP
1116	225 21:34:22	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1117	225 22:25:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9500 (D/L ONLY)					1DP
1118	225 22:25:00	31				CFG CODES					1DP
1119	226 00:00:00	31				VGR-31 OWLT IS 12H 19M 14S					1L
1120	226 01:09:22	31	60 SET			15.3 DEGREE SET DSC-60					1V
1121	226 02:50:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9500					1DP
1122	226 05:02:49	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1123	226 09:02:18	31	10 SET			10.2 DEGREE SET DSC-10					1V
1124	226 12:00:00	31				VGR-31 OWLT IS 12H 19M 20S					1L
1125	226 13:45:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9500 (D/L ONLY)					1DP
1126	226 13:45:00	31				CFG CODES					1DP
1127	226 13:57:38	31	60RISE			10.2 DEGREE RISE DSC-60					1V

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1128	226 14:04:49	31	40 SET			10.2 DEGREE SET DSC-40					1V
1129	226 18:05:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9500					1DP
1130	226 21:30:26	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1131	226 23:30:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9501 (D/L ONLY)					1DP
1132	226 23:30:00	31				CFG CODES					1DP
1133	227 00:00:00	31				VGR-31 OWLT IS 12H 19M 26S					1L
1134	227 01:05:28	31	60 SET			15.3 DEGREE SET DSC-60					1V
1135	227 04:58:51	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1136	227 05:14:28	31			AC7SSB	(3 +013) SS BIAS CONTROL - PITCH	AACS		39539:27:002F	03-226/16:55:00	1ECa
1137	227 07:15:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9501					1DP
1138	227 08:58:20	31	10 SET			10.2 DEGREE SET DSC-10					1V
1139	227 12:00:00	31				VGR-31 OWLT IS 12H 19M 32S					1L
1140	227 13:53:43	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1141	227 14:00:53	31	40 SET			10.2 DEGREE SET DSC-40					1V
1142	227 15:11:21	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		39551:53:002F	03-227/02:51:48	1ECd
1143	227 15:11:21	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0550	DTR		39551:53:002F	03-227/02:51:48	1ESd
1144	227 15:25:37	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		39552:10:676F	03-227/03:06:04	1ECd
1145	227 15:25:37	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:0859	DTR		39552:10:676F	03-227/03:06:04	1ESd
1146	227 17:55:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9501 (D/L ONLY)					1DP

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1162	227 18:13:43	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:0859	DTR		39555:40:735F	03-227/05:54:08	1ESd
1163	227 18:13:47	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	39555:41:001F	03-227/05:54:11	1ESf
1164	227 18:13:47	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		39555:41:002F	03-227/05:54:12	1ECs
1165	227 18:13:48	31				B- DRCRUS			39555:41:018F	03-227/05:54:12	1TB
1166	227 18:13:48	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		39555:41:026F	03-227/05:54:13	1ECf
1167	227 18:14:35	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	39555:42:001F	03-227/05:54:59	1ESf
1168	227 18:14:35	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		39555:42:002F	03-227/05:55:00	1ECd
1169	227 18:14:35	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:0566	DTR		39555:42:002F	03-227/05:55:00	1ESd
1170	227 18:14:35	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		39555:42:002F	03-227/05:55:00	1ECs

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1171	227 18:15:23	31			SC32AJ	(13) PLS CONFIG CMD	FDS		39555:43:009F	03-227/05:55:48	1ECf
1172	227 18:15:24	31				END PWSREC.31			39555:43:018F	03-227/05:55:48	1T
1173	227 19:55:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9501					1DP
1174	227 20:21:00	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		39558:20:002F	03-227/08:01:24	1ECd
1175	227 20:21:00	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:0560	DTR		39558:20:002F	03-227/08:01:24	1ESd
1176	227 20:21:25	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		39558:20:425F	03-227/08:01:49	1ECd
1177	227 20:21:25	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:0550	DTR		39558:20:425F	03-227/08:01:49	1ESd
1178	227 21:26:30	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1179	227 22:15:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9502 (D/L ONLY)					1DP
1180	227 22:15:00	31				CFG CODES					1DP
1181	227 23:21:01	31			CC16C	(7024) DTR STATE SELECT: READY	DTR		39562:05:002F	03-227/11:01:24	1ECd
1182	227 23:21:01	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:0550	DTR		39562:05:002F	03-227/11:01:24	1ESd
1183	228 00:00:00	31				VGR-31 OWLT IS 12H 19M 37S					1L
1184	228 01:01:33	31	60 SET			15.3 DEGREE SET DSC-60					1V
1185	228 02:30:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9502					1DP
1186	228 04:54:54	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1187	228 08:54:22	31	10 SET			10.2 DEGREE SET DSC-10					1V

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1188	228 12:00:00	31				VGR-31 OWLT IS 12H 19M 43S					1L
1189	228 13:49:47	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1190	228 13:56:58	31	40 SET			10.2 DEGREE SET DSC-40					1V
1191	228 15:20:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9502 (D/L ONLY)					1DP
1192	228 15:20:00	31				CFG CODES					1DP
1193	228 21:05:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9502					1DP
1194	228 21:22:34	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1195	228 22:10:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9503 (D/L ONLY)					1DP
1196	228 22:10:00	31				CFG CODES					1DP
1197	229 00:00:00	31				VGR-31 OWLT IS 12H 19M 49S					1L
1198	229 00:57:39	31	60 SET			15.3 DEGREE SET DSC-60					1V
1199	229 04:00:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9503					1DP
1200	229 04:50:56	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1201	229 08:50:25	31	10 SET			10.2 DEGREE SET DSC-10					1V
1202	229 12:00:00	31				VGR-31 OWLT IS 12H 19M 55S					1L
1203	229 13:45:52	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1204	229 13:53:02	31	40 SET			10.2 DEGREE SET DSC-40					1V
1205	229 14:30:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9503 (D/L ONLY)					1DP
1206	229 14:30:00	31				CFG CODES					1DP
1207	229 19:40:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9503					1DP
1208	229 21:18:38	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1209	229 21:40:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9504 (D/L ONLY)					1DP

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1210	229 21:40:00	31				CFG CODES					1DP
1211	230 00:00:00	31				VGR-31 OWLT IS 12H 20M 01S					1L
1212	230 00:53:42	31	60	SET		15.3 DEGREE SET DSC-60					1V
1213	230 04:46:58	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
1214	230 08:05:00	31	15	LOS	OPCH ACE	LOS DSS-15 PASS-9504					1DP
1215	230 08:46:27	31	10	SET		10.2 DEGREE SET DSC-10					1V
1216	230 12:00:00	31				VGR-31 OWLT IS 12H 20M 06S					1L
1217	230 13:41:56	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
1218	230 13:49:07	31	40	SET		10.2 DEGREE SET DSC-40					1V
1219	230 17:25:00	31	63	AOS	OPCH ACE	AOS DSS-63 PASS-9504 (D/L ONLY)					1DP
1220	230 17:25:00	31				CFG CODES					1DP
1221	230 19:45:00	31	63	LOS	OPCH ACE	LOS DSS-63 PASS-9504					1DP
1222	230 21:14:43	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
1223	231 00:00:00	31				VGR-31 OWLT IS 12H 20M 12S					1L
1224	231 00:00:00	31	24	AOS	OPCH ACE	AOS DSS-24 PASS-9505 (D/L ONLY)					1DP
1225	231 00:00:00	31				CFG CODES					1DP
1226	231 00:49:48	31	60	SET		15.3 DEGREE SET DSC-60					1V
1227	231 04:43:00	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
1228	231 06:55:00	31	24	LOS	OPCH ACE	LOS DSS-24 PASS-9505					1DP
1229	231 08:42:30	31	10	SET		10.2 DEGREE SET DSC-10					1V
1230	231 11:45:30	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1242	231 11:50:30	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		39667:41:002F	03-230/23:30:12	1ECs
1243	231 11:50:31	31				B- DRCRUS			39667:41:018F	03-230/23:30:12	1TB
1244	231 11:50:31	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		39667:41:026F	03-230/23:30:13	1ECF
1245	231 11:51:18	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	39667:42:001F	03-230/23:30:59	1ESF
1246	231 11:51:18	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		39667:42:002F	03-230/23:31:00	1ECd
1247	231 11:51:18	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:0258	DTR		39667:42:002F	03-230/23:31:00	1ESd
1248	231 11:51:18	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		39667:42:002F	03-230/23:31:00	1ECs
1249	231 11:52:06	31			SC32AJ	(13) PLS CONFIG CMD	FDS		39667:43:010F	03-230/23:31:48	1ECf
1250	231 11:52:07	31				END PWSREC.31			39667:43:018F	03-230/23:31:48	1T
1251	231 12:00:00	31				VGR-31 OWLT IS 12H 20M 18S					1L
1252	231 12:02:30	31				B- DTRMA-2.31			39667:56:001F	03-230/23:42:11	1TB
1253	231 12:02:30	31				BEGIN DTRMA231			39667:56:001F	03-230/23:42:11	1T
1254	231 12:02:30	31			CC16C	(2217) DTR STATE SELECT: SLEW	DTR		39667:56:001F	03-230/23:42:11	1ECd

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1255	231 12:02:30	31					DTR		39667:56:001F	03-230/23:42:11	1ESd
						DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:7 TIC:0251					
1256	231 13:38:01	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1257	231 13:45:11	31	40 SET			10.2 DEGREE SET DSC-40					1V
1258	231 14:36:52	31			EOT	END OF TAPE			39671:08:744F	03-231/02:16:32	1Ed
1259	231 14:46:31	31			CC16C	(2228) DTR STATE SELECT: SLEW	DTR		39671:21:001F	03-231/02:26:11	1ECd
1260	231 14:46:31	31					DTR		39671:21:001F	03-231/02:26:11	1ESd
						DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:8 TIC:3585					
1261	231 14:46:31	31			EOT	END OF TAPE			39671:21:010F	03-231/02:26:12	1Ed
1262	231 15:35:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9505 (U/L PASS)					1DP
1263	231 17:23:18	31			BOT	BEGIN OF TAPE			39674:36:749F	03-231/05:02:56	1Ed
1264	231 17:26:31	31				TAPE AT BOT			39674:40:768F	03-231/05:06:09	1T
1265	231 17:26:31	31				END DTRMA231			39674:40:768F	03-231/05:06:09	1T
1266	231 17:30:33	31				TAPPOS-0250			39674:46:001F	03-231/05:10:11	1T
1267	231 17:30:33	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		39674:46:001F	03-231/05:10:11	1ECd
1268	231 17:30:33	31					DTR		39674:46:001F	03-231/05:10:11	1ESd
						DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0199					
1269	231 17:30:33	31			BOT	BEGIN OF TAPE			39674:46:010F	03-231/05:10:12	1Ed
1270	231 17:32:52	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		39674:48:724F	03-231/05:12:31	1ECd

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1298	232 07:26:39	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	39692:11:001F	03-231/19:06:11	1ESf
1299	232 07:26:39	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		39692:11:002F	03-231/19:06:11	1ECs
1300	232 07:26:40	31				END PMPCALLR			39692:11:018F	03-231/19:06:12	1T
1301	232 07:50:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9506					1DP
1302	232 08:38:32	31	10 SET			10.2 DEGREE SET DSC-10					1V
1303	232 12:00:00	31				VGR-31 OWLT IS 12H 20M 30S					1L
1304	232 13:34:05	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1305	232 13:41:16	31	40 SET			10.2 DEGREE SET DSC-40					1V
1306	232 14:30:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9506 (D/L ONLY)					1DP
1307	232 14:30:00	31				CFG CODES					1DP
1308	232 19:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9506					1DP
1309	232 21:06:52	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1310	232 23:30:00	31	24 AOS	OPCH ACE		AOS DSS-24 PASS-9507 (D/L ONLY)					1DP
1311	232 23:30:00	31				CFG CODES					1DP
1312	233 00:00:00	31				VGR-31 OWLT IS 12H 20M 35S					1L
1313	233 00:41:59	31	60 SET			15.2 DEGREE SET DSC-60					1V
1314	233 04:00:00	31	24 LOS	OPCH ACE		LOS DSS-24 PASS-9507					1DP
1315	233 04:35:05	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1316	233 08:34:35	31	10 SET			10.2 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1317	233 12:00:00	31				VGR-31 OWLT IS 12H 20M 41S					1L
1318	233 13:30:10	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1319	233 13:37:20	31	40 SET			10.2 DEGREE SET DSC-40					1V
1320	233 14:30:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9507 (D/L ONLY)					1DP
1321	233 14:30:00	31				CFG CODES					1DP
1322	233 19:00:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9507					1DP
1323	233 20:41:22	31			AC7SSB	(3 +014) SS BIAS CONTROL - PITCH	AACS		39738:44:003F	03-233/08:20:36	1ECa
1324	233 21:02:56	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1325	234 00:00:00	31				VGR-31 OWLT IS 12H 20M 47S					1L
1326	234 00:38:05	31	60 SET			15.2 DEGREE SET DSC-60					1V
1327	234 00:50:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9508 (D/L ONLY)					1DP
1328	234 00:50:00	31				CFG CODES					1DP
1329	234 04:31:07	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1330	234 06:05:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9508					1DP
1331	234 08:30:37	31	10 SET			10.2 DEGREE SET DSC-10					1V
1332	234 12:00:00	31				VGR-31 OWLT IS 12H 20M 53S					1L
1333	234 13:26:15	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1334	234 13:33:25	31	40 SET			10.2 DEGREE SET DSC-40					1V
1335	234 14:30:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9508 (D/L ONLY)					1DP
1336	234 14:30:00	31				CFG CODES					1DP
1337	234 20:59:01	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1338	234 23:55:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9509 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1339	234 23:55:00	31				CFG CODES					1DP
1340	235 00:00:00	31				VGR-31 OWLT IS 12H 20M 59S					1L
1341	235 00:15:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9508					1DP
1342	235 00:34:08	31	60 SET			15.2 DEGREE SET DSC-60					1V
1343	235 04:27:10	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1344	235 05:25:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9509					1DP
1345	235 08:26:40	31	10 SET			10.2 DEGREE SET DSC-10					1V
1346	235 12:00:00	31				VGR-31 OWLT IS 12H 21M 05S					1L
1347	235 13:22:19	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1348	235 13:29:30	31	40 SET			10.2 DEGREE SET DSC-40					1V
1349	235 20:55:05	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1350	235 21:45:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9510 (D/L ONLY)					1DP
1351	235 21:45:00	31				CFG CODES					1DP
1352	236 00:00:00	31				VGR-31 OWLT IS 12H 21M 11S					1L
1353	236 00:30:14	31	60 SET			15.2 DEGREE SET DSC-60					1V
1354	236 02:30:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9510					1DP
1355	236 04:20:00	31	43 AOS	OPCH ACE		AOS DSS-43 PASS-9510 (D/L ONLY)					1DP
1356	236 04:20:00	31				CFG CODES					1DP
1357	236 04:23:12	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1358	236 08:22:43	31	10 SET			10.2 DEGREE SET DSC-10					1V
1359	236 08:30:00	31	43 LOS	OPCH ACE		LOS DSS-43 PASS-9510					1DP
1360	236 12:00:00	31				VGR-31 OWLT IS 12H 21M 17S					1L

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1361	236 13:18:24	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1362	236 13:25:35	31	40 SET			10.2 DEGREE SET DSC-40					1V
1363	236 20:51:10	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1364	236 21:40:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9511 (D/L ONLY)					1DP
1365	236 21:40:00	31				CFG CODES					1DP
1366	237 00:00:00	31				VGR-31 OWLT IS 12H 21M 22S					1L
1367	237 00:26:19	31	60 SET			15.2 DEGREE SET DSC-60					1V
1368	237 04:19:15	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1369	237 07:35:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9511					1DP
1370	237 08:18:45	31	10 SET			10.2 DEGREE SET DSC-10					1V
1371	237 12:00:00	31				VGR-31 OWLT IS 12H 21M 28S					1L
1372	237 13:14:29	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1373	237 13:21:40	31	40 SET			10.2 DEGREE SET DSC-40					1V
1374	237 17:06:55	31			AC7SSB	(4 +140) SS BIAS CONTROL --- YAW	AACS		39854:15:003F	03-237/04:45:24	1ECa
1375	237 20:47:14	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1376	237 21:30:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9512 (D/L ONLY)					1DP
1377	237 21:30:00	31				CFG CODES					1DP
1378	238 00:00:00	31				VGR-31 OWLT IS 12H 21M 34S					1L
1379	238 00:22:25	31	60 SET			15.2 DEGREE SET DSC-60					1V
1380	238 04:15:17	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1381	238 07:30:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9512					1DP
1382	238 08:14:48	31	10 SET			10.2 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1409	238 15:22:18	31				B- XHIPWR.31			39882:04:001F	03-238/03:00:35	1TB
1410	238 15:22:18	31				BEGIN XHIPWR31			39882:04:001F	03-238/03:00:35	1T
1411	238 15:22:18	31			CC1TR	BAY 1 HTR OFF	PWR		39882:04:002F	03-238/03:00:36	1ECp
1412	238 15:26:18	31				X BAND HIGH POWER			39882:09:001F	03-238/03:04:35	1T
1413	238 15:26:18	31			DC2H	X-BAND TWT HIGH POWER	RFS		39882:09:002F	03-238/03:04:35	1ECr
1414	238 16:22:18	31				B- RPLY14.31			39883:19:001F	03-238/04:00:35	1TB
1415	238 16:22:18	31				BEGIN REPLAY31			39883:19:001F	03-238/04:00:35	1T
1416	238 16:22:18	31				BEGIN TAPPOS			39883:19:001F	03-238/04:00:35	1T
1417	238 16:22:18	31				TAPPOS TO 3241			39883:19:001F	03-238/04:00:35	1T
1418	238 16:22:18	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		39883:19:002F	03-238/04:00:36	1ECd
1419	238 16:22:18	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0549	DTR		39883:19:002F	03-238/04:00:36	1ESd
1420	238 18:26:56	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		39885:54:614F	03-238/06:05:12	1ECd
1421	238 18:26:56	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3241	DTR		39885:54:614F	03-238/06:05:12	1ESd
1422	238 19:05:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9512					1DP
1423	238 20:43:19	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1424	239 00:00:00	31				VGR-31 OWLT IS 12H 21M 46S					1L
1425	239 00:15:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9513 (D/L ONLY)					1DP
1426	239 00:15:00	31				CFG CODES					1DP
1427	239 00:18:31	31	60 SET			15.2 DEGREE SET DSC-60					1V

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1453	239 05:41:37	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	39899:58:001F	03-238/17:19:47	1ESf
1454	239 05:41:37	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		39899:58:002F	03-238/17:19:48	1ECd
1455	239 05:41:37	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:3566	DTR		39899:58:002F	03-238/17:19:48	1ESd
1456	239 05:41:37	31			CC6AD	(3 2 0 0) SVC-W4 FDS MEM B WRT PROTECT	FDS		39899:58:002F	03-238/17:19:48	1ECf
1457	239 05:41:37	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	39899:58:002F	03-238/17:19:48	1ESf
1458	239 05:41:37	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		39899:58:004F	03-238/17:19:48	1ECs
1459	239 05:41:38	31				END PLAYBACK			39899:58:018F	03-238/17:19:48	1T
1460	239 05:51:13	31				YAWDB - .10			39900:10:001F	03-238/17:29:23	1T
1461	239 05:51:13	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		39900:10:004F	03-238/17:29:24	1ECa
1462	239 08:10:51	31	10 SET			10.2 DEGREE SET DSC-10					1V
1463	239 08:15:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9513					1DP
1464	239 12:00:00	31				VGR-31 OWLT IS 12H 21M 52S					1L
1465	239 13:06:39	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1466	239 13:13:50	31	40 SET			10.2 DEGREE SET DSC-40					1V
1467	239 14:30:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9513 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT 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	239 14:30:00	31				CFG CODES					1DP
1469	239 16:22:30	31				BEGIN TAPPOS			39913:19:001F	03-239/04:00:35	1T
1470	239 16:22:30	31				TAPPOS TO 0549			39913:19:001F	03-239/04:00:35	1T
1471	239 16:22:30	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		39913:19:002F	03-239/04:00:36	1ECd
1472	239 16:22:30	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3566	DTR		39913:19:002F	03-239/04:00:36	1ESd
1473	239 18:42:14	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		39916:13:513F	03-239/06:20:18	1ECd
1474	239 18:42:14	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:0548	DTR		39916:13:513F	03-239/06:20:18	1ESd
1475	239 19:00:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9513					1DP
1476	239 19:12:07	31			CC16C	(7015) DTR STATE SELECT: READY	DTR		39916:51:002F	03-239/06:50:12	1ECd
1477	239 19:12:07	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:0548	DTR		39916:51:002F	03-239/06:50:12	1ESd
1478	239 19:12:08	31				END REPLAY31			39916:51:018F	03-239/06:50:12	1T
1479	239 20:39:24	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1480	239 23:30:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9514 (D/L ONLY)					1DP
1481	239 23:30:00	31				CFG CODES					1DP
1482	240 00:00:00	31				VGR-31 OWLT IS 12H 21M 58S					1L
1483	240 00:14:36	31	60 SET			15.2 DEGREE SET DSC-60					1V

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1484	240 03:10:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9514					1DP
1485	240 04:07:22	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1486	240 08:06:54	31	10 SET			10.2 DEGREE SET DSC-10					1V
1487	240 12:00:00	31				VGR-31 OWLT IS 12H 22M 04S					1L
1488	240 13:02:44	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1489	240 13:09:55	31	40 SET			10.2 DEGREE SET DSC-40					1V
1490	240 16:45:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9514 (D/L ONLY)					1DP
1491	240 16:45:00	31				CFG CODES					1DP
1492	240 20:35:29	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1493	240 20:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9514					1DP
1494	240 23:45:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9515 (D/L ONLY)					1DP
1495	240 23:45:00	31				CFG CODES					1DP
1496	241 00:00:00	31				VGR-31 OWLT IS 12H 22M 10S					1L
1497	241 00:10:42	31	60 SET			15.2 DEGREE SET DSC-60					1V
1498	241 04:03:25	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1499	241 07:20:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9515					1DP
1500	241 08:02:56	31	10 SET			10.2 DEGREE SET DSC-10					1V
1501	241 12:00:00	31				VGR-31 OWLT IS 12H 22M 16S					1L
1502	241 12:50:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9515 (D/L ONLY)					1DP
1503	241 12:50:00	31				CFG CODES					1DP
1504	241 12:58:49	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1505	241 13:06:00	31	40 SET			10.2 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1506	241 17:35:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9515					1DP
1507	241 20:31:34	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1508	241 21:15:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9516 (D/L ONLY)					1DP
1509	241 21:15:00	31				CFG CODES					1DP
1510	242 00:00:00	31				VGR-31 OWLT IS 12H 22M 22S					1L
1511	242 00:06:48	31	60 SET			15.2 DEGREE SET DSC-60					1V
1512	242 03:59:27	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1513	242 07:15:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9516					1DP
1514	242 07:58:59	31	10 SET			10.2 DEGREE SET DSC-10					1V
1515	242 12:00:00	31				VGR-31 OWLT IS 12H 22M 28S					1L
1516	242 12:45:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9516 (D/L ONLY)					1DP
1517	242 12:45:00	31				CFG CODES					1DP
1518	242 12:54:54	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1519	242 13:02:05	31	40 SET			10.2 DEGREE SET DSC-40					1V
1520	242 18:35:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9516					1DP
1521	242 20:27:39	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1522	243 00:00:00	31				VGR-31 OWLT IS 12H 22M 33S					1L
1523	243 00:02:53	31	60 SET			15.2 DEGREE SET DSC-60					1V
1524	243 00:30:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9517 (D/L ONLY)					1DP
1525	243 00:30:00	31				CFG CODES					1DP
1526	243 00:46:22	31			AC7SSB	(3 +015) SS BIAS CONTROL - PITCH	AACS		40013:48:003F	03-242/12:23:48	1ECa
1527	243 03:55:30	31	40RISE			10.2 DEGREE RISE DSC-40					1V

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1528	243 07:55:02	31	10 SET			10.2 DEGREE SET DSC-10					1V
1529	243 08:00:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9517					1DP
1530	243 12:00:00	31				VGR-31 OWLT IS 12H 22M 39S					1L
1531	243 12:50:59	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1532	243 12:58:10	31	40 SET			10.2 DEGREE SET DSC-40					1V
1533	243 17:20:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9517 (D/L ONLY)					1DP
1534	243 17:20:00	31				CFG CODES					1DP
1535	243 20:20:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9517					1DP
1536	243 20:23:43	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1537	243 23:20:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9518 (D/L ONLY)					1DP
1538	243 23:20:00	31				CFG CODES					1DP
1539	243 23:58:59	31	60 SET			15.1 DEGREE SET DSC-60					1V
1540	244 00:00:00	31				VGR-31 OWLT IS 12H 22M 45S					1L
1541	244 03:51:33	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1542	244 07:00:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9518					1DP
1543	244 07:51:05	31	10 SET			10.2 DEGREE SET DSC-10					1V
1544	244 12:00:00	31				VGR-31 OWLT IS 12H 22M 51S					1L
1545	244 12:40:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9518 (D/L ONLY)					1DP
1546	244 12:40:00	31				CFG CODES					1DP
1547	244 12:47:04	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1548	244 12:54:15	31	40 SET			10.2 DEGREE SET DSC-40					1V
1549	244 18:55:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9518					1DP

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1550	244 20:19:48	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1551	244 21:10:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9519 (D/L ONLY)					1DP
1552	244 21:10:00	31				CFG CODES					1DP
1553	244 23:55:04	31	60 SET			15.1 DEGREE SET DSC-60					1V
1554	245 00:00:00	31				VGR-31 OWLT IS 12H 22M 57S					1L
1555	245 02:35:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9519					1DP
1556	245 03:47:36	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1557	245 04:57:12	31			AC7SSB	(4 +141) SS BIAS CONTROL --- YAW	AACS		40079:01:003F	03-244/16:34:12	1ECa
1558	245 07:47:08	31	10 SET			10.2 DEGREE SET DSC-10					1V
1559	245 11:00:15	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1560	245 11:00:15	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1561	245 11:01:03	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1562	245 11:01:03	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1563	245 11:03:39	31				BEGIN PWSREC.31			40086:39:001F	03-244/22:40:35	1T
1564	245 11:03:39	31			SC32AJ	(10) PLS CONFIG CMD	FDS		40086:39:009F	03-244/22:40:36	1ECf
1565	245 11:04:27	31				B- DRGS4B			40086:40:001F	03-244/22:41:23	1TB
1566	245 11:04:27	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		40086:40:009F	03-244/22:41:24	1ECf

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1567	245 11:05:11	31				BEGIN RECORDING PWS DATA			40086:40:734F	03-244/22:42:07	1T
1568	245 11:05:11	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		40086:40:735F	03-244/22:42:08	1ECd
1569	245 11:05:11	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:0548	DTR		40086:40:735F	03-244/22:42:08	1ESd
1570	245 11:05:15	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	40086:41:001F	03-244/22:42:11	1ESf
1571	245 11:05:15	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		40086:41:002F	03-244/22:42:12	1ECs
1572	245 11:05:16	31				B- DRCRUS			40086:41:018F	03-244/22:42:12	1TB
1573	245 11:05:16	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		40086:41:026F	03-244/22:42:13	1ECf
1574	245 11:06:03	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	40086:42:001F	03-244/22:42:59	1ESF
1575	245 11:06:03	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		40086:42:002F	03-244/22:43:00	1ECd
1576	245 11:06:03	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:0841	DTR		40086:42:002F	03-244/22:43:00	1ESd

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1577	245 11:06:03	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		40086:42:002F	03-244/22:43:00	1ECs
1578	245 11:06:51	31			SC32AJ	(13) PLS CONFIG CMD	FDS		40086:43:010F	03-244/22:43:48	1ECF
1579	245 11:06:52	31				END PWSREC.31			40086:43:018F	03-244/22:43:48	1T
1580	245 12:00:00	31				VGR-31 OWLT IS 12H 23M 03S					1L
1581	245 12:35:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9519 (D/L ONLY)					1DP
1582	245 12:35:00	31				CFG CODES					1DP
1583	245 12:43:10	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1584	245 12:50:20	31	40 SET			10.2 DEGREE SET DSC-40					1V
1585	245 18:00:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9519					1DP
1586	245 20:15:54	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1587	245 22:15:00	31	24 AOS	OPCH ACE		AOS DSS-24 PASS-9520 (D/L ONLY)					1DP
1588	245 22:15:00	31				CFG CODES					1DP
1589	245 23:51:10	31	60 SET			15.1 DEGREE SET DSC-60					1V
1590	246 00:00:00	31				VGR-31 OWLT IS 12H 23M 09S					1L
1591	246 02:45:00	31	24 LOS	OPCH ACE		LOS DSS-24 PASS-9520					1DP
1592	246 03:43:39	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1593	246 07:43:11	31	10 SET			10.2 DEGREE SET DSC-10					1V
1594	246 12:00:00	31				VGR-31 OWLT IS 12H 23M 15S					1L
1595	246 12:39:15	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1596	246 12:46:26	31	40 SET			10.2 DEGREE SET DSC-40					1V
1597	246 20:11:59	31	10RISE			10.2 DEGREE RISE DSC-10					1V

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1598	246 21:00:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9521 (D/L ONLY)					1DP
1599	246 21:00:00	31				CFG CODES					1DP
1600	246 23:47:18	31	60 SET			15.1 DEGREE SET DSC-60					1V
1601	247 00:00:00	31				VGR-31 OWLT IS 12H 23M 21S					1L
1602	247 03:23:59	31				B- RPLY14.31			40137:04:001F	03-246/15:00:35	1TB
1603	247 03:23:59	31				BEGIN REPLAY31			40137:04:001F	03-246/15:00:35	1T
1604	247 03:23:59	31				BEGIN TAPPOS			40137:04:001F	03-246/15:00:35	1T
1605	247 03:23:59	31				TAPPOS TO 3251			40137:04:001F	03-246/15:00:35	1T
1606	247 03:23:59	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		40137:04:002F	03-246/15:00:36	1ECd
1607	247 03:23:59	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0847	DTR		40137:04:002F	03-246/15:00:36	1ESd
1608	247 03:39:41	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1609	247 05:15:13	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		40139:23:013F	03-246/16:51:48	1ECd
1610	247 05:15:13	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3250	DTR		40139:23:013F	03-246/16:51:48	1ESd
1611	247 06:50:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9521					1DP
1612	247 07:39:14	31	10 SET			10.2 DEGREE SET DSC-10					1V
1613	247 12:00:00	31				VGR-31 OWLT IS 12H 23M 27S					1L
1614	247 12:35:20	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1615	247 12:42:31	31	40 SET			10.2 DEGREE SET DSC-40					1V
1616	247 14:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9521 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1644	248 02:45:46	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		40166:16:002F	03-247/14:22:11	1ECs
1645	248 02:45:52	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		40166:16:102F	03-247/14:22:18	1ECd
1646	248 02:45:52	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:0548	DTR		40166:16:102F	03-247/14:22:18	1ESd
1647	248 02:45:52	31			CC6AD	(3 2 0 0) SVC-W4 FDS MEM B WRT PROTECT	FDS		40166:16:102F	03-247/14:22:18	1ECf
1648	248 02:45:52	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	40166:16:102F	03-247/14:22:18	1ESf
1649	248 02:45:53	31				END PLAYBACK			40166:16:118F	03-247/14:22:18	1T
1650	248 02:55:28	31				YAWDB - .10			40166:28:101F	03-247/14:31:53	1T
1651	248 02:55:28	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		40166:28:104F	03-247/14:31:54	1ECa
1652	248 03:35:44	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1653	248 04:24:11	31				BEGIN TAPPOS			40168:19:001F	03-247/16:00:35	1T
1654	248 04:24:11	31				TAPPOS TO 0848			40168:19:001F	03-247/16:00:35	1T
1655	248 04:24:11	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		40168:19:002F	03-247/16:00:36	1ECd
1656	248 04:24:11	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0548	DTR		40168:19:002F	03-247/16:00:36	1ESd
1657	248 04:38:01	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		40168:36:228F	03-247/16:14:25	1ECd

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1658	248 04:38:01	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:0847	DTR		40168:36:228F	03-247/16:14:25	1ESd
1659	248 07:13:49	31			CC16C	(7015) DTR STATE SELECT: READY	DTR		40171:51:002F	03-247/18:50:12	1ECd
1660	248 07:13:49	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:0847	DTR		40171:51:002F	03-247/18:50:12	1ESd
1661	248 07:13:50	31				END REPLAY31			40171:51:018F	03-247/18:50:12	1T
1662	248 07:35:17	31	10	SET		10.2 DEGREE SET DSC-10					1V
1663	248 07:40:00	31	14	LOS	OPCH ACE	LOS DSS-14 PASS-9522					1DP
1664	248 12:00:00	31				VGR-31 OWLT IS 12H 23M 39S					1L
1665	248 12:25:00	31	63	AOS	OPCH ACE	AOS DSS-63 PASS-9522 (D/L ONLY)					1DP
1666	248 12:25:00	31				CFG CODES					1DP
1667	248 12:31:26	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
1668	248 12:38:37	31	40	SET		10.2 DEGREE SET DSC-40					1V
1669	248 13:24:16	31				B- GYONBC.31			40179:34:001F	03-248/01:00:35	1TB
1670	248 13:24:16	31				BEGIN GYONBC31			40179:34:001F	03-248/01:00:35	1T
1671	248 13:24:16	31			AC7GYP	(111) DRIRU PATTERN CONTROL GYRO/AXIS=B/PITCH C/YAW & ROLL	AACS		40179:34:003F	03-248/01:00:36	1ECa
1672	248 13:24:16	31			CC7GARP	GYRO A OFF	PWR		40179:34:004F	03-248/01:00:36	1ECp
1673	248 13:24:16	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS		40179:34:004F	03-248/01:00:36	1ESa

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1674	248 13:24:16	31			CC7GARP	GYRO A OFF	PWR		40179:34:006F	03-248/01:00:36	1ECp
1675	248 13:24:16	31			CC7PC	(352) GYRO A OFF	AACS		40179:34:008F	03-248/01:00:36	1ECa
1676	248 13:24:16	31			CC7GCP	GYRO C ON	PWR		40179:34:009F	03-248/01:00:36	1ECp
1677	248 13:24:16	31					AACS		40179:34:009F	03-248/01:00:36	1ESa
						AACS STATUS					
						MODE : CRU GYRO A: OFF					
						HYBIC: 1 GYRO B: OFF					
						CST : ON GRYO C: ON					
1678	248 13:24:17	31			CC7GCP	GYRO C ON	PWR		40179:34:011F	03-248/01:00:36	1ECp
1679	248 13:24:17	31			CC7PC	(373) GYRO C ON	AACS		40179:34:013F	03-248/01:00:36	1ECa
1680	248 13:24:17	31			CC7GBP	GYRO B ON	PWR		40179:34:013F	03-248/01:00:36	1ECp
1681	248 13:24:17	31					AACS		40179:34:013F	03-248/01:00:36	1ESa
						AACS STATUS					
						MODE : CRU GYRO A: OFF					
						HYBIC: 1 GYRO B: ON					
						CST : ON GRYO C: ON					
1682	248 13:24:17	31			CC7GBP	GYRO B ON	PWR		40179:34:016F	03-248/01:00:36	1ECp
1683	248 13:24:17	31			CC7PC	(363) GYRO B ON	AACS		40179:34:018F	03-248/01:00:36	1ECa
1684	248 13:24:45	31				DRIRU INITIALIZATION			40179:34:484F	03-248/01:01:04	1T
1685	248 13:24:46	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		40179:34:502F	03-248/01:01:06	1ECa
1686	248 13:25:15	31				SET CALIB			40179:35:184F	03-248/01:01:34	1T
1687	248 13:25:16	31			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		40179:35:204F	03-248/01:01:36	1ECa
1688	248 13:34:15	31				START GYRO FAULT TEST			40179:46:384F	03-248/01:10:34	1T
1689	248 13:34:16	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		40179:46:402F	03-248/01:10:36	1ECa
1690	248 13:34:17	31				END GYONBC31			40179:46:418F	03-248/01:10:36	1T
1691	248 16:20:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9522					1DP

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1692	248 20:04:09	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1693	248 20:55:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9523 (D/L ONLY)					1DP
1694	248 20:55:00	31				CFG CODES					1DP
1695	248 23:39:29	31	60 SET			15.1 DEGREE SET DSC-60					1V
1696	249 00:00:00	31				VGR-31 OWLT IS 12H 23M 45S					1L
1697	249 03:31:47	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1698	249 06:45:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9523					1DP
1699	249 07:31:21	31	10 SET			10.2 DEGREE SET DSC-10					1V
1700	249 12:00:00	31				VGR-31 OWLT IS 12H 23M 51S					1L
1701	249 12:20:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9523 (D/L ONLY)					1DP
1702	249 12:20:00	31				CFG CODES					1DP
1703	249 12:27:31	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1704	249 12:34:42	31	40 SET			10.2 DEGREE SET DSC-40					1V
1705	249 18:15:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9523					1DP
1706	249 20:00:14	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1707	249 20:50:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9524 (D/L ONLY)					1DP
1708	249 20:50:00	31				CFG CODES					1DP
1709	249 23:35:35	31	60 SET			15.1 DEGREE SET DSC-60					1V
1710	250 00:00:00	31				VGR-31 OWLT IS 12H 23M 57S					1L
1711	250 01:30:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9524					1DP
1712	250 03:27:50	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1713	250 07:27:24	31	10 SET			10.2 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1714	250 12:00:00	31				VGR-31 OWLT IS 12H 24M 03S					1L
1715	250 12:23:37	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1716	250 12:30:48	31	40 SET			10.2 DEGREE SET DSC-40					1V
1717	250 13:10:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9524 (D/L ONLY)					1DP
1718	250 13:10:00	31				CFG CODES					1DP
1719	250 19:56:20	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1720	250 23:10:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9524					1DP
1721	250 23:31:41	31	60 SET			15.1 DEGREE SET DSC-60					1V
1722	251 00:00:00	31				VGR-31 OWLT IS 12H 24M 09S					1L
1723	251 00:30:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9525 (D/L ONLY)					1DP
1724	251 00:30:00	31				CFG CODES					1DP
1725	251 03:23:53	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1726	251 06:35:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9525					1DP
1727	251 07:23:27	31	10 SET			10.2 DEGREE SET DSC-10					1V
1728	251 12:00:00	31				VGR-31 OWLT IS 12H 24M 15S					1L
1729	251 12:19:42	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1730	251 12:26:53	31	40 SET			10.2 DEGREE SET DSC-40					1V
1731	251 13:25:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9525 (D/L ONLY)					1DP
1732	251 13:25:00	31				CFG CODES					1DP
1733	251 15:55:53	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1734	251 15:57:29	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1778	252 10:42:39	31				B- DRCSR			40296:11:018F	03-251/22:18:12	1TB
1779	252 10:42:39	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		40296:11:026F	03-251/22:18:13	1ECf
1780	252 10:43:26	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	40296:12:001F	03-251/22:18:59	1ESf
1781	252 10:43:26	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		40296:12:002F	03-251/22:19:00	1ECd
1782	252 10:43:26	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:1139	DTR		40296:12:002F	03-251/22:19:00	1ESd
1783	252 10:43:26	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		40296:12:002F	03-251/22:19:00	1ECs
1784	252 10:44:14	31			SC32AJ	(13) PLS CONFIG CMD	FDS		40296:13:010F	03-251/22:19:48	1ECf
1785	252 10:44:15	31				END PWSREC.31			40296:13:018F	03-251/22:19:48	1T
1786	252 12:00:00	31				VGR-31 OWLT IS 12H 24M 27S					1L
1787	252 12:15:48	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1788	252 12:22:59	31	40 SET			10.2 DEGREE SET DSC-40					1V
1789	252 13:00:00	31	65 AOS	OPCH	ACE	AOS DSS-65 PASS-9526 (D/L ONLY)					1DP
1790	252 13:00:00	31				CFG CODES					1DP
1791	252 16:47:29	31			AC7SSB	(4 +142) SS BIAS CONTROL --- YAW	AACS		40303:47:003F	03-252/04:23:00	1ECa
1792	252 16:50:00	31	65 LOS	OPCH	ACE	LOS DSS-65 PASS-9526					1DP

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1804	253 00:25:57	31		ACE OPCH		FDS STATUS EL-40/X40/S40 MEM:PA/FDS11	FDS	CE-40	40313:20:001F	03-252/12:01:23	1ESf
1805	253 00:25:57	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		40313:20:002F	03-252/12:01:24	1ECs
1806	253 00:41:09	31				.05 ALL AXES DEADBAND			40313:39:001F	03-252/12:16:35	1T
1807	253 00:41:09	31			AC7DDB	(000480) CHG TO .05 DEG DEADBAND	AACS		40313:39:003F	03-252/12:16:36	1ECa
1808	253 00:57:09	31			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		40313:59:002F	03-252/12:32:36	1ECa
1809	253 00:57:09	31				AACS STATUS MODE : AAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		40313:59:002F	03-252/12:32:36	1ESa
1810	253 00:57:09	31			CC7GARP	GYRO A OFF	PWR		40313:59:003F	03-252/12:32:36	1ECp
1811	253 00:57:09	31			CC7GARP	GYRO A OFF	PWR		40313:59:005F	03-252/12:32:36	1ECp
1812	253 00:57:09	31			CC7PC	(352) GYRO A OFF	AACS		40313:59:007F	03-252/12:32:36	1ECa
1813	253 00:57:09	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		40313:59:008F	03-252/12:32:36	1ECp
1814	253 00:57:09	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		40313:59:010F	03-252/12:32:36	1ECp
1815	253 00:57:10	31			CC7PC	(312) DUMMY PWR CMD	AACS		40313:59:012F	03-252/12:32:36	1ECa
1816	253 00:57:56	31	14	OPCH 14		ASCAL =====					1TD
1817	253 00:57:57	31				START FIRST YAW DRIFT TURN			40314:00:001F	03-252/12:33:23	1T
1818	253 00:57:57	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		40314:00:004F	03-252/12:33:24	1ECa

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1819	253 01:01:57	31			AC7PAR	(7015 764220) PARAMETER LOAD	AACS		40314:05:003F	03-252/12:37:24	1ECa
1820	253 01:09:57	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		40314:15:003F	03-252/12:45:24	1ECa
1821	253 01:13:57	31			AC7PAR	(7015 000000) PARAMETER LOAD	AACS		40314:20:004F	03-252/12:49:24	1ECa
1822	253 01:13:57	31	14	OPCH 14		ASCAL =====					1TD
						END YAW DRIFT TURNS					
1823	253 01:13:58	31				END THIRD YAW DRIFT TURN			40314:20:018F	03-252/12:49:24	1T
1824	253 01:14:44	31	14	OPCH 14		ASCAL =====					1TD
						START PITCH DRIFT TURNS					
1825	253 01:14:45	31				START FIRST PITCH DRIFT TURN			40314:21:001F	03-252/12:50:11	1T
1826	253 01:14:45	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		40314:21:003F	03-252/12:50:12	1ECa
1827	253 01:18:45	31			AC7PAR	(7014 764220) PARAMETER LOAD	AACS		40314:26:004F	03-252/12:54:12	1ECa
1828	253 01:26:45	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		40314:36:004F	03-252/13:02:12	1ECa
1829	253 01:30:45	31			AC7PAR	(7014 000000) PARAMETER LOAD	AACS		40314:41:003F	03-252/13:06:12	1ECa
1830	253 01:30:45	31	14	OPCH 14		ASCAL =====					1TD
						END PITCH DRIFT TURNS					
1831	253 01:30:46	31				END THIRD PITCH DRIFT TURN			40314:41:018F	03-252/13:06:12	1T
1832	253 01:32:21	31			CC7SS	(1) SS SEARCH ENABLE	AACS		40314:43:001F	03-252/13:07:47	1ECa
1833	253 01:32:21	31				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS	40314:43:001F	03-252/13:07:47	1ESa	

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1851	253 01:37:57	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	40314:50:001F	03-252/13:13:23	1ESf
1852	253 01:37:57	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		40314:50:002F	03-252/13:13:24	1ECs
1853	253 01:43:33	31				B- YAWDB			40314:57:001F	03-252/13:18:59	1TB
1854	253 01:43:33	31				YAWDB - .10			40314:57:001F	03-252/13:18:59	1T
1855	253 01:43:33	31				B- ROLLDB			40314:57:001F	03-252/13:18:59	1TB
1856	253 01:43:33	31				ROLLDB - .25			40314:57:001F	03-252/13:18:59	1T
1857	253 01:43:33	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		40314:57:003F	03-252/13:19:00	1ECa
1858	253 01:43:33	31			AC7PAR	(6742 004540) +ROLL DB=.25 DEG	AACS		40314:57:005F	03-252/13:19:00	1ECa
1859	253 01:43:34	31	14	OPCH 14		END ASCAL					1TD
1860	253 01:52:09	31				B- MISCMD			40315:07:601F	03-252/13:27:35	1TB
1861	253 01:52:09	31				MISCMD - RESTART GYRO FAULT TEST			40315:07:601F	03-252/13:27:35	1T
1862	253 01:52:09	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		40315:07:602F	03-252/13:27:36	1ECa
1863	253 03:15:59	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1864	253 03:45:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9527					1DP
1865	253 07:15:34	31	10 SET			10.2 DEGREE SET DSC-10					1V
1866	253 12:00:00	31				VGR-31 OWLT IS 12H 24M 38S					1L
1867	253 12:11:54	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1868	253 12:19:04	31	40 SET			10.2 DEGREE SET DSC-40					1V
1869	253 13:00:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9527 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1902	254 16:29:54	31			CC7GARP	GYRO A OFF	PWR		40363:24:420F	03-254/04:05:01	1ECp
1903	254 16:29:54	31			CC7GARP	GYRO A OFF	PWR		40363:24:422F	03-254/04:05:01	1ECp
1904	254 16:29:54	31			CC7PC	(352) GYRO A OFF	AACS		40363:24:424F	03-254/04:05:01	1ECa
1905	254 16:29:54	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		40363:24:425F	03-254/04:05:01	1ECp
1906	254 16:29:54	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		40363:24:427F	03-254/04:05:01	1ECp
1907	254 16:29:55	31			CC7PC	(312) DUMMY PWR CMD	AACS		40363:24:429F	03-254/04:05:01	1ECa
1908	254 16:32:54	31			AC7TCD	(322 033478) TURN COMMAND AXIS=ROLL POL=NEG RNG SCALE=X10	AACS		40363:28:220F	03-254/04:08:01	1ECa
1909	254 19:40:41	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1910	254 20:30:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9529 (D/L ONLY)					1DP
1911	254 20:30:00	31				CFG CODES					1DP
1912	254 21:01:08	31			SC32AJ	(10) PLS CONFIG CMD	FDS		40369:03:426F	03-254/08:36:13	1ECf
1913	254 21:34:39	31			SC32AJ	(11) PLS CONFIG CMD	FDS		40369:45:342F	03-254/09:09:44	1ECf
1914	254 22:09:43	31				ROLL TURN COMPLETE (NOMINAL)			40370:29:201F	03-254/09:44:47	1T
1915	254 22:09:43	31			CC7PC	(345) CMDED TURN COMPLETE	AACS		40370:29:200F	03-254/09:44:47	1ECa
1916	254 22:11:56	31			SC32AJ	(11) PLS CONFIG CMD	FDS		40370:32:026F	03-254/09:47:01	1ECf
1917	254 22:20:56	31				RESET CALIB			40370:43:218F	03-254/09:56:00	1T
1918	254 22:20:56	31			AC7PAR	(7530 000000) PARAMETER LOAD	AACS		40370:43:220F	03-254/09:56:01	1ECa
1919	254 22:21:26	31			CC7SS	(1) SS SEARCH ENABLE	AACS		40370:43:719F	03-254/09:56:31	1ECa
1920	254 22:21:26	31				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS	40370:43:719F	03-254/09:56:31	1ESa	
1921	254 22:21:26	31			CC7PC	(327) IDET ACQUIRED	AACS		40370:43:719F	03-254/09:56:31	1ECa

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1922	254 22:21:26	31			CC7GARP	GYRO A OFF	PWR		40370:43:720F	03-254/09:56:31	1ECp
1923	254 22:21:26	31			CC7GARP	GYRO A OFF	PWR		40370:43:722F	03-254/09:56:31	1ECp
1924	254 22:21:26	31			CC7PC	(352) GYRO A OFF	AACS		40370:43:724F	03-254/09:56:31	1ECa
1925	254 22:21:26	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		40370:43:725F	03-254/09:56:31	1ECp
1926	254 22:21:26	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		40370:43:727F	03-254/09:56:31	1ECp
1927	254 22:21:27	31			CC7PC	(312) DUMMY PWR CMD	AACS		40370:43:729F	03-254/09:56:31	1ECa
1928	254 22:27:26	31			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		40370:51:319F	03-254/10:02:31	1ECa
1929	254 22:28:32	31				GYROS OFF			40370:52:601F	03-254/10:03:35	1T
1930	254 22:28:32	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		40370:52:602F	03-254/10:03:36	1ESa
1931	254 22:28:32	31			CC7PC	(307) STAR ACQUIRED	AACS		40370:52:602F	03-254/10:03:36	1ECa
1932	254 22:28:32	31			CC7GCRP	GYRO C OFF	PWR		40370:52:603F	03-254/10:03:36	1ECp
1933	254 22:28:32	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		40370:52:603F	03-254/10:03:36	1ESa
1934	254 22:28:32	31			CC7GCRP	GYRO C OFF	PWR		40370:52:605F	03-254/10:03:36	1ECp
1935	254 22:28:32	31			CC7PC	(372) GYRO C OFF	AACS		40370:52:607F	03-254/10:03:36	1ECa
1936	254 22:28:32	31			CC7GBRP	GYRO B OFF	PWR		40370:52:608F	03-254/10:03:36	1ECp
1937	254 22:28:32	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS		40370:52:608F	03-254/10:03:36	1ESa

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1954	254 22:40:44	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		40371:08:002F	03-254/10:15:47	1ECs
1955	254 22:40:45	31				END MAGROLBC31			40371:08:018F	03-254/10:15:48	1T
1956	254 22:54:56	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN D/L CARRIER SIG LEVEL					11EC
1957	254 22:59:56	31				X BAND LOW POWER			40371:32:001F	03-254/10:34:59	1T
1958	254 22:59:56	31			DC2HR	X-BAND TWT LOW POWER	RFS		40371:32:002F	03-254/10:34:59	1ECr
1959	254 23:03:56	31			CC1T	BAY 1 HTR ON	PWR		40371:37:002F	03-254/10:39:00	1ECp
1960	254 23:03:57	31				END XHIPWR31			40371:37:018F	03-254/10:39:00	1T
1961	254 23:16:05	31	60 SET			15.0 DEGREE SET DSC-60					1V
1962	254 23:50:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9528					1DP
1963	255 00:00:00	31				VGR-31 OWLT IS 12H 24M 56S					1L
1964	255 03:08:06	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1965	255 06:20:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9529					1DP
1966	255 07:07:41	31	10 SET			10.2 DEGREE SET DSC-10					1V
1967	255 12:00:00	31				VGR-31 OWLT IS 12H 25M 02S					1L
1968	255 12:04:05	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1969	255 12:11:16	31	40 SET			10.2 DEGREE SET DSC-40					1V
1970	255 12:50:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9529 (D/L ONLY)					1DP
1971	255 12:50:00	31				CFG CODES					1DP
1972	255 13:40:51	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		40389:53:002F	03-255/01:15:48	1ECd

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1986	255 16:42:29	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		40393:40:009F	03-255/04:17:24	1ECf
1987	255 16:42:30	31				B- DRGS4B			40393:40:018F	03-255/04:17:24	1TB
1988	255 16:43:13	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		40393:40:735F	03-255/04:18:08	1ECd
1989	255 16:43:13	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:3549	DTR		40393:40:735F	03-255/04:18:08	1ESd
1990	255 16:43:14	31				BEGIN RECORDING PWS DATA			40393:40:751F	03-255/04:18:08	1T
1991	255 16:43:17	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	40393:41:001F	03-255/04:18:11	1ESf
1992	255 16:43:17	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		40393:41:002F	03-255/04:18:12	1ECs
1993	255 16:43:18	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		40393:41:026F	03-255/04:18:13	1ECf
1994	255 16:43:19	31				B- DRCRUS			40393:41:034F	03-255/04:18:13	1TB
1995	255 16:44:05	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	40393:42:001F	03-255/04:18:59	1ESf
1996	255 16:44:05	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		40393:42:002F	03-255/04:19:00	1ECd

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1997	255 16:44:05	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:3256	DTR		40393:42:002F	03-255/04:19:00	1ESd
1998	255 16:44:05	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		40393:42:002F	03-255/04:19:00	1ECs
1999	255 16:44:53	31			SC32AJ	(13) PLS CONFIG CMD	FDS		40393:43:009F	03-255/04:19:48	1ECf
2000	255 16:44:55	31				END PWSREC.31			40393:43:034F	03-255/04:19:49	1T
2001	255 16:45:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9529					1DP
2002	255 18:50:30	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		40396:20:002F	03-255/06:25:24	1ECd
2003	255 18:50:30	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3250	DTR		40396:20:002F	03-255/06:25:24	1ESd
2004	255 19:30:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9530 (D/L ONLY)					1DP
2005	255 19:30:00	31				CFG CODES					1DP
2006	255 19:36:47	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2007	255 20:27:52	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		40398:21:570F	03-255/08:02:46	1ECd
2008	255 20:27:52	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1146	DTR		40398:21:570F	03-255/08:02:46	1ESd
2009	255 21:50:31	31			CC16C	(7015) DTR STATE SELECT: READY	DTR		40400:05:002F	03-255/09:25:24	1ECd

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2010	255 21:50:31	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:1146	DTR		40400:05:002F	03-255/09:25:24	1ESd
2011	255 23:12:13	31	60	SET		15.0 DEGREE SET DSC-60					1V
2012	256 00:00:00	31				VGR-31 OWLT IS 12H 25M 08S					1L
2013	256 00:45:00	31	26	AOS	OPCH ACE	AOS DSS-26 PASS-9530 (D/L ONLY)					1DP
2014	256 00:45:00	31				CFG CODES					1DP
2015	256 01:05:00	31	14	LOS	OPCH ACE	LOS DSS-14 PASS-9530					1DP
2016	256 03:04:09	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
2017	256 03:05:00	31	43	AOS	OPCH ACE	AOS DSS-43 PASS-9530 (D/L ONLY)					1DP
2018	256 03:05:00	31				CFG CODES					1DP
2019	256 03:25:00	31	26	LOS	OPCH ACE	LOS DSS-26 PASS-9530					1DP
2020	256 07:03:44	31	10	SET		10.2 DEGREE SET DSC-10					1V
2021	256 07:55:00	31	43	LOS	OPCH ACE	LOS DSS-43 PASS-9530					1DP
2022	256 12:00:00	31				VGR-31 OWLT IS 12H 25M 14S					1L
2023	256 12:00:11	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
2024	256 12:07:22	31	40	SET		10.2 DEGREE SET DSC-40					1V
2025	256 16:05:00	31	54	AOS	OPCH ACE	AOS DSS-54 PASS-9530 (D/L ONLY)					1DP
2026	256 16:05:00	31				CFG CODES					1DP
2027	256 19:32:52	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
2028	256 20:20:00	31	26	AOS	OPCH ACE	AOS DSS-26 PASS-9531 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2029	256 20:20:00	31				CFG CODES					1DP
2030	256 21:20:00	31	54 LOS	OPCH ACE		LOS DSS-54 PASS-9530					1DP
2031	256 23:08:19	31	60 SET			15.0 DEGREE SET DSC-60					1V
2032	257 00:00:00	31				VGR-31 OWLT IS 12H 25M 20S					1L
2033	257 03:00:00	31	43 AOS	OPCH ACE		AOS DSS-43 PASS-9531 (D/L ONLY)					1DP
2034	257 03:00:00	31				CFG CODES					1DP
2035	257 03:00:12	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2036	257 03:20:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9531					1DP
2037	257 06:59:48	31	10 SET			10.2 DEGREE SET DSC-10					1V
2038	257 08:10:00	31	43 LOS	OPCH ACE		LOS DSS-43 PASS-9531					1DP
2039	257 11:56:17	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2040	257 12:00:00	31				VGR-31 OWLT IS 12H 25M 26S					1L
2041	257 12:03:28	31	40 SET			10.2 DEGREE SET DSC-40					1V
2042	257 15:00:00	31	54 AOS	OPCH ACE		AOS DSS-54 PASS-9531 (D/L ONLY)					1DP
2043	257 15:00:00	31				CFG CODES					1DP
2044	257 19:28:58	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2045	257 19:50:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9532 (D/L ONLY)					1DP
2046	257 19:50:00	31				CFG CODES					1DP
2047	257 20:45:00	31	54 LOS	OPCH ACE		LOS DSS-54 PASS-9531					1DP
2048	257 23:04:25	31	60 SET			15.0 DEGREE SET DSC-60					1V
2049	258 00:00:00	31				VGR-31 OWLT IS 12H 25M 32S					1L

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2050	258 02:56:16	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2051	258 05:20:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9532					1DP
2052	258 05:30:00	31	34 AOS	OPCH ACE		AOS DSS-34 PASS-9532 (D/L ONLY)					1DP
2053	258 05:30:00	31				CFG CODES					1DP
2054	258 06:55:51	31	10 SET			10.2 DEGREE SET DSC-10					1V
2055	258 09:25:00	31	34 LOS	OPCH ACE		LOS DSS-34 PASS-9532					1DP
2056	258 11:52:22	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2057	258 11:59:33	31	40 SET			10.2 DEGREE SET DSC-40					1V
2058	258 12:00:00	31				VGR-31 OWLT IS 12H 25M 38S					1L
2059	258 19:25:04	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2060	258 19:45:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9533 (D/L ONLY)					1DP
2061	258 19:45:00	31				CFG CODES					1DP
2062	258 23:00:33	31	60 SET			15.0 DEGREE SET DSC-60					1V
2063	259 00:00:00	31				VGR-31 OWLT IS 12H 25M 44S					1L
2064	259 01:05:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9533					1DP
2065	259 02:52:19	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2066	259 05:45:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-9533 (D/L ONLY)					1DP
2067	259 05:45:00	31				CFG CODES					1DP
2068	259 06:51:55	31	10 SET			10.2 DEGREE SET DSC-10					1V
2069	259 09:45:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-9533					1DP
2070	259 11:48:28	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2071	259 11:55:39	31	40 SET			10.2 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2100	260 05:56:10	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		40530:11:002F	03-259/17:30:11	1ECs
2101	260 05:56:11	31				END PMPCALLR			40530:11:018F	03-259/17:30:12	1T
2102	260 06:00:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9534					1DP
2103	260 06:39:11	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
2104	260 06:39:11	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
2105	260 06:39:59	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
2106	260 06:39:59	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
2107	260 06:42:35	31				B- BASLIN.31			40531:09:001F	03-259/18:16:35	1TB
2108	260 06:42:35	31				BEGIN PWSREC.31			40531:09:001F	03-259/18:16:35	1T
2109	260 06:42:35	31				INITIATE PWSREC CYCLIC			40531:09:001F	03-259/18:16:35	1T
2110	260 06:42:35	31				PWSREC LOOPS=6D23H36M 52 TIMES			40531:09:001F	03-259/18:16:35	1T
2111	260 06:42:35	31			SC32AJ	(10) PLS CONFIG CMD	FDS		40531:09:010F	03-259/18:16:36	1ECF
2112	260 06:43:23	31				B- DRGS4B			40531:10:001F	03-259/18:17:23	1TB
2113	260 06:43:23	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACRS READOUT MODE : TELEMETRY	FDS		40531:10:009F	03-259/18:17:24	1ECF
2114	260 06:44:07	31				BEGIN RECORDING PWS DATA			40531:10:734F	03-259/18:18:07	1T
2115	260 06:44:07	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		40531:10:735F	03-259/18:18:08	1ECd

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2116	260 06:44:07	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:1146	DTR		40531:10:735F	03-259/18:18:08	1ESd
2117	260 06:44:11	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	40531:11:001F	03-259/18:18:11	1ESf
2118	260 06:44:11	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		40531:11:002F	03-259/18:18:12	1ECs
2119	260 06:44:12	31				B- DRCRUS			40531:11:018F	03-259/18:18:12	1TB
2120	260 06:44:12	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		40531:11:026F	03-259/18:18:13	1ECf
2121	260 06:44:59	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	40531:12:001F	03-259/18:18:59	1ESf
2122	260 06:44:59	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		40531:12:002F	03-259/18:19:00	1ECd
2123	260 06:44:59	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:1439	DTR		40531:12:002F	03-259/18:19:00	1ESd
2124	260 06:44:59	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		40531:12:002F	03-259/18:19:00	1ECs

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2125	260 06:45:47	31			SC32AJ	(13) PLS CONFIG CMD	FDS		40531:13:010F	03-259/18:19:48	1ECf
2126	260 06:45:48	31				END PWSREC.31			40531:13:018F	03-259/18:19:48	1T
2127	260 06:47:58	31	10	SET		10.2 DEGREE SET DSC-10					1V
2128	260 11:44:34	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
2129	260 11:51:45	31	40	SET		10.2 DEGREE SET DSC-40					1V
2130	260 12:00:00	31				VGR-31 OWLT IS 12H 26M 01S					1L
2131	260 14:45:00	31	63	AOS	OPCH ACE	AOS DSS-63 PASS-9534 (U/L PASS)					1DP
2132	260 17:30:00	31	63	LOS	OPCH ACE	LOS DSS-63 PASS-9534					1DP
2133	260 19:17:15	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
2134	260 20:10:00	31	26	AOS	OPCH ACE	AOS DSS-26 PASS-9535 (D/L ONLY)					1DP
2135	260 20:10:00	31				CFG CODES					1DP
2136	260 22:52:46	31	60	SET		15.0 DEGREE SET DSC-60					1V
2137	261 00:00:00	31				VGR-31 OWLT IS 12H 26M 07S					1L
2138	261 02:44:26	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
2139	261 05:55:00	31	26	LOS	OPCH ACE	LOS DSS-26 PASS-9535					1DP
2140	261 06:44:02	31	10	SET		10.2 DEGREE SET DSC-10					1V
2141	261 08:56:23	31			AC7SSB	(3 +017) SS BIAS CONTROL - PITCH	AACS		40563:56:002F	03-260/20:30:12	1ECa
2142	261 11:40:40	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
2143	261 11:47:51	31	40	SET		10.2 DEGREE SET DSC-40					1V
2144	261 12:00:00	31				VGR-31 OWLT IS 12H 26M 13S					1L
2145	261 12:25:00	31	65	AOS	OPCH ACE	AOS DSS-65 PASS-9535 (D/L ONLY)					1DP
2146	261 12:25:00	31				CFG CODES					1DP

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2147	261 16:40:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9535					1DP
2148	261 19:13:21	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2149	261 20:00:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9536 (D/L ONLY)					1DP
2150	261 20:00:00	31				CFG CODES					1DP
2151	261 22:48:52	31	60 SET			15.0 DEGREE SET DSC-60					1V
2152	262 00:00:00	31				VGR-31 OWLT IS 12H 26M 19S					1L
2153	262 02:40:29	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2154	262 05:50:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9536					1DP
2155	262 06:40:06	31	10 SET			10.2 DEGREE SET DSC-10					1V
2156	262 11:36:46	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2157	262 11:43:57	31	40 SET			10.2 DEGREE SET DSC-40					1V
2158	262 12:00:00	31				VGR-31 OWLT IS 12H 26M 25S					1L
2159	262 12:20:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9536 (D/L ONLY)					1DP
2160	262 12:20:00	31				CFG CODES					1DP
2161	262 16:20:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9536					1DP
2162	262 19:09:27	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2163	262 20:00:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9537 (D/L ONLY)					1DP
2164	262 20:00:00	31				CFG CODES					1DP
2165	262 22:45:00	31	60 SET			15.0 DEGREE SET DSC-60					1V
2166	263 00:00:00	31				VGR-31 OWLT IS 12H 26M 31S					1L
2167	263 02:36:33	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2168	263 03:00:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9537					1DP

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2184	263 12:42:25	31					DTR		40628:38:002F	03-263/00:15:48	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:3250					
2185	263 12:43:13	31			SC32AJ	(10) PLS CONFIG CMD	FDS		40628:39:009F	03-263/00:16:36	1ECf
2186	263 12:43:14	31				AHEL11 PWSREC 02			40628:39:018F	03-263/00:16:36	1T
2187	263 12:43:14	31				B- PWSREC.31			40628:39:018F	03-263/00:16:36	1TB
2188	263 12:43:14	31				BEGIN PWSREC.31			40628:39:018F	03-263/00:16:36	1T
2189	263 12:44:01	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		40628:40:009F	03-263/00:17:24	1ECf
2190	263 12:44:02	31				B- DRGS4B			40628:40:018F	03-263/00:17:24	1TB
2191	263 12:44:45	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		40628:40:735F	03-263/00:18:08	1ECd
2192	263 12:44:45	31					DTR		40628:40:735F	03-263/00:18:08	1ESd
						DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:3250					
2193	263 12:44:46	31				BEGIN RECORDING PWS DATA			40628:40:751F	03-263/00:18:08	1T
2194	263 12:44:49	31		ACE OPCH			FDS	GS-4B	40628:41:001F	03-263/00:18:11	1ESf
						FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION					
2195	263 12:44:49	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		40628:41:002F	03-263/00:18:12	1ECs

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2196	263 12:44:50	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		40628:41:026F	03-263/00:18:13	1ECf
2197	263 12:44:51	31				B- DRCRUS			40628:41:034F	03-263/00:18:13	1TB
2198	263 12:45:37	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	40628:42:001F	03-263/00:18:59	1ESf
2199	263 12:45:37	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		40628:42:002F	03-263/00:19:00	1ECd
2200	263 12:45:37	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:2957	DTR		40628:42:002F	03-263/00:19:00	1ESd
2201	263 12:45:37	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		40628:42:002F	03-263/00:19:00	1ECs
2202	263 12:46:25	31			SC32AJ	(13) PLS CONFIG CMD	FDS		40628:43:009F	03-263/00:19:48	1ECf
2203	263 12:46:27	31				END PWSREC.31			40628:43:034F	03-263/00:19:49	1T
2204	263 14:52:02	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		40631:20:002F	03-263/02:25:24	1ECd
2205	263 14:52:02	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2951	DTR		40631:20:002F	03-263/02:25:24	1ESd
2206	263 16:01:43	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		40632:47:084F	03-263/03:35:04	1ECd
2207	263 16:01:43	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1445	DTR		40632:47:084F	03-263/03:35:04	1ESd

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2208	263 17:10:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9537					1DP
2209	263 17:52:03	31			CC16C	(7015) DTR STATE SELECT: READY	DTR		40635:05:002F	03-263/05:25:24	1ECd
2210	263 17:52:03	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:1445	DTR		40635:05:002F	03-263/05:25:24	1ESd
2211	263 19:05:33	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2212	263 19:55:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9538 (D/L ONLY)					1DP
2213	263 19:55:00	31				CFG CODES					1DP
2214	263 22:41:05	31	60 SET			14.9 DEGREE SET DSC-60					1V
2215	264 00:00:00	31				VGR-31 OWLT IS 12H 26M 42S					1L
2216	264 01:05:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9538					1DP
2217	264 02:32:36	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2218	264 06:32:13	31	10 SET			10.2 DEGREE SET DSC-10					1V
2219	264 11:28:59	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2220	264 11:36:10	31	40 SET			10.2 DEGREE SET DSC-40					1V
2221	264 12:00:00	31				VGR-31 OWLT IS 12H 26M 48S					1L
2222	264 12:15:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9538 (D/L ONLY)					1DP
2223	264 12:15:00	31				CFG CODES					1DP
2224	264 17:05:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9538					1DP
2225	264 19:01:39	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2226	264 19:50:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9539 (D/L ONLY)					1DP
2227	264 19:50:00	31				CFG CODES					1DP

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2228	264 22:37:13	31	60 SET			14.9 DEGREE SET DSC-60					1V
2229	265 00:00:00	31				VGR-31 OWLT IS 12H 26M 54S					1L
2230	265 02:15:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9539					1DP
2231	265 02:28:40	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2232	265 06:28:17	31	10 SET			10.2 DEGREE SET DSC-10					1V
2233	265 11:25:05	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2234	265 11:32:16	31	40 SET			10.2 DEGREE SET DSC-40					1V
2235	265 12:00:00	31				VGR-31 OWLT IS 12H 27M 00S					1L
2236	265 16:45:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9539 (D/L ONLY)					1DP
2237	265 16:45:00	31				CFG CODES					1DP
2238	265 18:57:45	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2239	265 22:33:19	31	60 SET			14.9 DEGREE SET DSC-60					1V
2240	265 22:45:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9540 (D/L ONLY)					1DP
2241	265 22:45:00	31				CFG CODES					1DP
2242	265 23:05:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9539					1DP
2243	266 00:00:00	31				VGR-31 OWLT IS 12H 27M 05S					1L
2244	266 02:24:44	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2245	266 05:35:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9540					1DP
2246	266 06:24:21	31	10 SET			10.2 DEGREE SET DSC-10					1V
2247	266 11:21:11	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2248	266 11:28:22	31	40 SET			10.2 DEGREE SET DSC-40					1V
2249	266 12:00:00	31				VGR-31 OWLT IS 12H 27M 11S					1L

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2268	267 06:20:44	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		40740:40:009F	03-266/17:53:24	1ECf
2269	267 06:21:28	31				BEGIN RECORDING PWS DATA			40740:40:734F	03-266/17:54:07	1T
2270	267 06:21:28	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		40740:40:735F	03-266/17:54:08	1ECd
2271	267 06:21:28	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:1445	DTR		40740:40:735F	03-266/17:54:08	1ESd
2272	267 06:21:32	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	40740:41:001F	03-266/17:54:11	1ESf
2273	267 06:21:32	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		40740:41:002F	03-266/17:54:12	1ECs
2274	267 06:21:33	31				B- DRCRUS			40740:41:018F	03-266/17:54:12	1TB
2275	267 06:21:33	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		40740:41:026F	03-266/17:54:13	1ECf
2276	267 06:22:20	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	40740:42:001F	03-266/17:54:59	1ESf
2277	267 06:22:20	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		40740:42:002F	03-266/17:55:00	1ECd

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2278	267 06:22:20	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:1738	DTR		40740:42:002F	03-266/17:55:00	1ESd
2279	267 06:22:20	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		40740:42:002F	03-266/17:55:00	1ECs
2280	267 06:23:08	31			SC32AJ	(13) PLS CONFIG CMD	FDS		40740:43:010F	03-266/17:55:48	1ECF
2281	267 06:23:09	31				END PWSREC.31			40740:43:018F	03-266/17:55:48	1T
2282	267 11:17:17	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2283	267 11:24:28	31	40 SET			10.2 DEGREE SET DSC-40					1V
2284	267 12:00:00	31				VGR-31 OWLT IS 12H 27M 23S					1L
2285	267 16:28:01	31			AC7SSB	(4 +144) SS BIAS CONTROL --- YAW	AACS		40753:19:003F	03-267/04:00:36	1ECa
2286	267 18:49:57	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2287	267 19:40:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9542 (D/L ONLY)					1DP
2288	267 19:40:00	31				CFG CODES					1DP
2289	267 21:00:03	31				B- MISCMD			40758:59:001F	03-267/08:32:35	1TB
2290	267 21:00:03	31				MISCMD - AZ ACT HTR OFF			40758:59:001F	03-267/08:32:35	1T
2291	267 21:00:03	31			CC7SHRP	AZ ACTUATOR HEATER OFF	PWR		40758:59:002F	03-267/08:32:36	1ECp
2292	267 22:25:33	31	60 SET			14.9 DEGREE SET DSC-60					1V
2293	268 00:00:00	31				VGR-31 OWLT IS 12H 27M 29S					1L
2294	268 02:16:51	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2295	268 05:30:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9542					1DP
2296	268 06:16:29	31	10 SET			10.2 DEGREE SET DSC-10					1V

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2297	268 11:13:24	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2298	268 11:20:35	31	40 SET			10.2 DEGREE SET DSC-40					1V
2299	268 12:00:00	31				VGR-31 OWLT IS 12H 27M 34S					1L
2300	268 12:00:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9542 (D/L ONLY)					1DP
2301	268 12:00:00	31				CFG CODES					1DP
2302	268 18:35:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9542					1DP
2303	268 18:46:03	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2304	268 22:21:41	31	60 SET			14.9 DEGREE SET DSC-60					1V
2305	268 23:45:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9543 (U/L PASS)					1DP
2306	269 00:00:00	31				VGR-31 OWLT IS 12H 27M 40S					1L
2307	269 02:12:55	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2308	269 03:45:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9543					1DP
2309	269 06:12:33	31	10 SET			10.2 DEGREE SET DSC-10					1V
2310	269 11:09:30	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2311	269 11:16:41	31	40 SET			10.2 DEGREE SET DSC-40					1V
2312	269 11:55:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9543 (D/L ONLY)					1DP
2313	269 11:55:00	31				CFG CODES					1DP
2314	269 12:00:00	31				VGR-31 OWLT IS 12H 27M 46S					1L
2315	269 14:00:23	31				B- GYONAB.31			40810:14:001F	03-269/01:32:35	1TB
2316	269 14:00:23	31				BEGIN GYONAB31			40810:14:001F	03-269/01:32:35	1T
2317	269 14:00:23	31			AC7GYP	(000) DRIRU PATTERN CONTROL GYRO/AXIS=A/PITCH & YAW B/ROLL	AACS		40810:14:003F	03-269/01:32:36	1ECa
2318	269 14:00:23	31			CC7GCRP	GYRO C OFF	PWR		40810:14:004F	03-269/01:32:36	1ECp

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2319	269 14:00:23	31					AACS		40810:14:004F	03-269/01:32:36	1ESa
						AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF					
2320	269 14:00:23	31			CC7GCRP	GYRO C OFF	PWR		40810:14:006F	03-269/01:32:36	1ECp
2321	269 14:00:23	31			CC7PC	(372) GYRO C OFF	AACS		40810:14:009F	03-269/01:32:36	1ECa
2322	269 14:00:23	31			CC7GBP	GYRO B ON	PWR		40810:14:009F	03-269/01:32:36	1ECp
2323	269 14:00:23	31					AACS		40810:14:009F	03-269/01:32:36	1ESa
						AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF					
2324	269 14:00:24	31			CC7GBP	GYRO B ON	PWR		40810:14:011F	03-269/01:32:36	1ECp
2325	269 14:00:24	31			CC7PC	(363) GYRO B ON	AACS		40810:14:013F	03-269/01:32:36	1ECa
2326	269 14:00:24	31			CC7GAP	GYRO A ON	PWR		40810:14:014F	03-269/01:32:36	1ECp
2327	269 14:00:24	31					AACS		40810:14:014F	03-269/01:32:36	1ESa
						AACS STATUS MODE : CRU GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF					
2328	269 14:00:24	31			CC7GAP	GYRO A ON	PWR		40810:14:016F	03-269/01:32:36	1ECp
2329	269 14:00:24	31			CC7PC	(353) GYRO A ON	AACS		40810:14:018F	03-269/01:32:36	1ECa
2330	269 14:00:52	31				DRIRU INITIALIZATION			40810:14:484F	03-269/01:33:04	1T
2331	269 14:00:53	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		40810:14:502F	03-269/01:33:06	1ECa
2332	269 14:01:22	31				SET CALIB			40810:15:184F	03-269/01:33:34	1T
2333	269 14:01:23	31			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		40810:15:204F	03-269/01:33:36	1ECa
2334	269 14:10:22	31				START GYRO FAULT TEST			40810:26:384F	03-269/01:42:34	1T

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2335	269 14:10:23	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		40810:26:402F	03-269/01:42:36	1ECa
2336	269 14:10:24	31				END GYONAB31			40810:26:418F	03-269/01:42:36	1T
2337	269 18:35:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9543					1DP
2338	269 19:30:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9544 (D/L ONLY)					1DP
2339	269 19:30:00	31				CFG CODES					1DP
2340	269 22:17:46	31	60 SET			14.9 DEGREE SET DSC-60					1V
2341	270 00:00:00	31				VGR-31 OWLT IS 12H 27M 52S					1L
2342	270 00:00:04	31	10RISE			65.9 DEGREE RISE DSC-10					1V
2343	270 02:08:58	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2344	270 05:05:31	31	10 SET			23.0 DEGREE SET DSC-10					1V
2345	270 05:20:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9544					1DP
2346	270 09:19:44	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		40834:23:002F	03-269/20:51:48	1ECd
2347	270 09:19:44	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1744	DTR		40834:23:002F	03-269/20:51:48	1ESd
2348	270 10:15:34	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		40835:32:643F	03-269/21:47:38	1ECd
2349	270 10:15:34	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2951	DTR		40835:32:643F	03-269/21:47:38	1ESd
2350	270 11:05:35	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2351	270 11:12:47	31	40 SET			10.2 DEGREE SET DSC-40					1V
2352	270 11:50:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9544 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2368	270 12:22:05	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:2951	DTR		40838:10:735F	03-269/23:54:08	1ESd
2369	270 12:22:06	31				BEGIN RECORDING PWS DATA			40838:10:751F	03-269/23:54:08	1T
2370	270 12:22:09	31		ACE	OPCH	FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	40838:11:001F	03-269/23:54:11	1ESf
2371	270 12:22:09	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		40838:11:002F	03-269/23:54:12	1ECs
2372	270 12:22:10	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		40838:11:026F	03-269/23:54:13	1ECf
2373	270 12:22:11	31				B- DRCRUS			40838:11:034F	03-269/23:54:13	1TB
2374	270 12:22:57	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	40838:12:001F	03-269/23:54:59	1ESf
2375	270 12:22:57	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		40838:12:002F	03-269/23:55:00	1ECd
2376	270 12:22:57	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:2658	DTR		40838:12:002F	03-269/23:55:00	1ESd

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2377	270 12:22:57	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		40838:12:002F	03-269/23:55:00	1ECs
2378	270 12:23:45	31			SC32AJ	(13) PLS CONFIG CMD	FDS		40838:13:009F	03-269/23:55:48	1ECF
2379	270 12:23:47	31				END PWSREC.31			40838:13:034F	03-269/23:55:49	1T
2380	270 14:29:22	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		40840:50:002F	03-270/02:01:24	1ECd
2381	270 14:29:22	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2652	DTR		40840:50:002F	03-270/02:01:24	1ESd
2382	270 15:11:23	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		40841:42:399F	03-270/02:43:23	1ECd
2383	270 15:11:23	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1744	DTR		40841:42:399F	03-270/02:43:23	1ESd
2384	270 17:29:24	31			CC16C	(7015) DTR STATE SELECT: READY	DTR		40844:35:002F	03-270/05:01:24	1ECd
2385	270 17:29:24	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:1744	DTR		40844:35:002F	03-270/05:01:24	1ESd
2386	270 18:35:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9544					1DP
2387	270 18:38:14	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2388	270 20:45:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9545 (D/L ONLY)					1DP
2389	270 20:45:00	31				CFG CODES					1DP
2390	270 22:13:53	31	60 SET			14.9 DEGREE SET DSC-60					1V
2391	271 00:00:00	31				VGR-31 OWLT IS 12H 28M 03S					1L

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2392	271 02:00:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-9545 (D/L ONLY)					1DP
2393	271 02:00:00	31				CFG CODES					1DP
2394	271 02:05:02	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2395	271 02:20:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9545					1DP
2396	271 06:04:41	31	10 SET			10.2 DEGREE SET DSC-10					1V
2397	271 06:25:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-9545					1DP
2398	271 11:01:42	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2399	271 11:08:53	31	40 SET			10.2 DEGREE SET DSC-40					1V
2400	271 12:00:00	31				VGR-31 OWLT IS 12H 28M 09S					1L
2401	271 18:34:20	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2402	271 21:35:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9546 (D/L ONLY)					1DP
2403	271 21:35:00	31				CFG CODES					1DP
2404	271 22:10:01	31	60 SET			14.9 DEGREE SET DSC-60					1V
2405	272 00:00:00	31				VGR-31 OWLT IS 12H 28M 14S					1L
2406	272 01:55:00	31	43 AOS	OPCH ACE		AOS DSS-43 PASS-9546 (D/L ONLY)					1DP
2407	272 01:55:00	31				CFG CODES					1DP
2408	272 02:01:06	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2409	272 02:15:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9546					1DP
2410	272 06:00:45	31	10 SET			10.2 DEGREE SET DSC-10					1V
2411	272 07:45:00	31	43 LOS	OPCH ACE		LOS DSS-43 PASS-9546					1DP
2412	272 10:57:48	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2413	272 11:04:59	31	40 SET			10.2 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2414	272 12:00:00	31				VGR-31 OWLT IS 12H 28M 20S					1L
2415	272 12:30:00	31	54 AOS	OPCH ACE		AOS DSS-54 PASS-9546 (D/L ONLY)					1DP
2416	272 12:30:00	31				CFG CODES					1DP
2417	272 18:30:27	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2418	272 22:06:07	31	60 SET			14.9 DEGREE SET DSC-60					1V
2419	272 22:40:00	31	54 LOS	OPCH ACE		LOS DSS-54 PASS-9546					1DP
2420	273 00:00:00	31				VGR-31 OWLT IS 12H 28M 26S					1L
2421	273 01:57:10	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2422	273 05:56:49	31	10 SET			10.2 DEGREE SET DSC-10					1V
2423	273 10:53:55	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2424	273 11:01:06	31	40 SET			10.2 DEGREE SET DSC-40					1V
2425	273 12:00:00	31				VGR-31 OWLT IS 12H 28M 31S					1L
2426	273 12:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9547 (D/L ONLY)					1DP
2427	273 12:30:00	31				CFG CODES					1DP
2428	273 16:30:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9547					1DP
2429	273 18:26:33	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2430	273 19:10:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9548 (U/L PASS)					1DP
2431	273 19:45:23	31	14	TRK DSS		ASCAL PREP ===== ANTENNA DRIVE TO PRECISION ONE (70 METER STATION ONLY) PRIME DATA SOURCE=X BAND AGC ===== TURN CONSCAN -----> OFF (IF ON)					1TD

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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
2443	273 20:32:23	31				AACS STATUS MODE : AAI GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		40938:23:002F	03-273/08:03:48	1ESa
2444	273 20:32:23	31			CC7GCRP	GYRO C OFF	PWR		40938:23:003F	03-273/08:03:48	1ECp
2445	273 20:32:23	31			CC7GCRP	GYRO C OFF	PWR		40938:23:005F	03-273/08:03:48	1ECp
2446	273 20:32:23	31			CC7PC	(372) GYRO C OFF	AACS		40938:23:007F	03-273/08:03:48	1ECa
2447	273 20:32:23	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		40938:23:008F	03-273/08:03:48	1ECp
2448	273 20:32:23	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		40938:23:010F	03-273/08:03:48	1ECp
2449	273 20:32:24	31			CC7PC	(312) DUMMY PWR CMD	AACS		40938:23:012F	03-273/08:03:48	1ECa
2450	273 20:33:10	31	14	OPCH 14		ASCAL =====					1TD
2451	273 20:33:11	31				START FIRST YAW DRIFT TURN			40938:24:001F	03-273/08:04:35	1T
2452	273 20:33:11	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		40938:24:003F	03-273/08:04:36	1ECa
2453	273 20:37:11	31			AC7PAR	(7015 764220) PARAMETER LOAD	AACS		40938:29:003F	03-273/08:08:36	1ECa
2454	273 20:45:11	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		40938:39:003F	03-273/08:16:36	1ECa
2455	273 20:49:11	31			AC7PAR	(7015 000000) PARAMETER LOAD	AACS		40938:44:003F	03-273/08:20:36	1ECa
2456	273 20:49:11	31	14	OPCH 14		ASCAL =====					1TD
2457	273 20:49:12	31				END THIRD YAW DRIFT TURN			40938:44:018F	03-273/08:20:36	1T

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2458	273 20:49:58	31	14	OPCH 14		ASCAL =====					1TD
						START PITCH DRIFT TURNS					
2459	273 20:49:59	31				START FIRST PITCH DRIFT TURN			40938:45:001F	03-273/08:21:23	1T
2460	273 20:49:59	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		40938:45:003F	03-273/08:21:24	1ECa
2461	273 20:53:59	31			AC7PAR	(7014 764220) PARAMETER LOAD	AACS		40938:50:003F	03-273/08:25:24	1ECa
2462	273 21:01:59	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		40939:00:003F	03-273/08:33:24	1ECa
2463	273 21:05:59	31	14	OPCH 14		ASCAL =====					1TD
						END PITCH DRIFT TURNS					
2464	273 21:06:00	31			AC7PAR	(7014 000000) PARAMETER LOAD	AACS		40939:05:003F	03-273/08:37:24	1ECa
2465	273 21:06:01	31				END THIRD PITCH DRIFT TURN			40939:05:018F	03-273/08:37:24	1T
2466	273 21:07:36	31			CC7SS	(1) SS SEARCH ENABLE	AACS		40939:07:001F	03-273/08:38:59	1ECa
2467	273 21:07:36	31				AACS STATUS MODE : RAI GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS	40939:07:001F	03-273/08:38:59	1ESa	
2468	273 21:07:36	31			CC7PC	(327) IDET ACQUIRED	AACS		40939:07:002F	03-273/08:39:00	1ECa
2469	273 21:07:36	31			CC7GCRP	GYRO C OFF	PWR		40939:07:003F	03-273/08:39:00	1ECp
2470	273 21:07:36	31			CC7GCRP	GYRO C OFF	PWR		40939:07:005F	03-273/08:39:00	1ECp
2471	273 21:07:36	31			CC7PC	(372) GYRO C OFF	AACS		40939:07:007F	03-273/08:39:00	1ECa
2472	273 21:07:36	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		40939:07:008F	03-273/08:39:00	1ECp
2473	273 21:07:36	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		40939:07:010F	03-273/08:39:00	1ECp
2474	273 21:07:37	31			CC7PC	(312) DUMMY PWR CMD	AACS		40939:07:012F	03-273/08:39:00	1ECa

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2491	273 21:10:18	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS		40939:10:296F	03-273/08:41:41	1ESa
2492	273 21:10:18	31			CC7GARP	GYRO A OFF	PWR		40939:10:298F	03-273/08:41:41	1ECp
2493	273 21:10:18	31			CC7PC	(352) GYRO A OFF	AACS		40939:10:300F	03-273/08:41:41	1ECa
2494	273 21:10:18	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		40939:10:301F	03-273/08:41:41	1ECp
2495	273 21:10:18	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		40939:10:303F	03-273/08:41:42	1ECp
2496	273 21:10:18	31			CC7PC	(312) DUMMY PWR CMD	AACS		40939:10:305F	03-273/08:41:42	1ECa
2497	273 21:12:24	31				B- DRCRUS			40939:13:001F	03-273/08:43:47	1TB
2498	273 21:12:24	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		40939:13:009F	03-273/08:43:48	1ECf
2499	273 21:13:12	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	40939:14:001F	03-273/08:44:35	1ESf
2500	273 21:13:12	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		40939:14:002F	03-273/08:44:35	1ECs
2501	273 21:18:48	31				B- YAWDB			40939:21:001F	03-273/08:50:11	1TB
2502	273 21:18:48	31				YAWDB - .10			40939:21:001F	03-273/08:50:11	1T
2503	273 21:18:48	31				B- ROLLDB			40939:21:001F	03-273/08:50:11	1TB
2504	273 21:18:48	31				ROLLDB - .25			40939:21:001F	03-273/08:50:11	1T
2505	273 21:18:48	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		40939:21:004F	03-273/08:50:12	1ECa

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2522	274 05:58:04	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		40950:10:009F	03-273/17:29:24	1ECf
2523	274 05:58:48	31				BEGIN RECORDING PWS DATA			40950:10:734F	03-273/17:30:07	1T
2524	274 05:58:48	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		40950:10:735F	03-273/17:30:08	1ECd
2525	274 05:58:48	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:1744	DTR		40950:10:735F	03-273/17:30:08	1ESd
2526	274 05:58:52	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	40950:11:001F	03-273/17:30:11	1ESf
2527	274 05:58:52	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		40950:11:002F	03-273/17:30:12	1ECs
2528	274 05:58:53	31				B- DRCRUS			40950:11:018F	03-273/17:30:12	1TB
2529	274 05:58:53	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		40950:11:026F	03-273/17:30:13	1ECf
2530	274 05:59:40	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	40950:12:001F	03-273/17:30:59	1ESf
2531	274 05:59:40	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		40950:12:002F	03-273/17:31:00	1ECd

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2532	274 05:59:40	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2037	DTR		40950:12:002F	03-273/17:31:00	1ESd
2533	274 05:59:40	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		40950:12:002F	03-273/17:31:00	1ECs
2534	274 06:00:28	31			SC32AJ	(13) PLS CONFIG CMD	FDS		40950:13:010F	03-273/17:31:48	1ECF
2535	274 06:00:29	31				END PWSREC.31			40950:13:018F	03-273/17:31:48	1T
2536	274 08:35:00	31	43 LOS	OPCH ACE		LOS DSS-43 PASS-9548					1DP
2537	274 10:50:01	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2538	274 10:57:13	31	40 SET			10.2 DEGREE SET DSC-40					1V
2539	274 12:00:00	31				VGR-31 OWLT IS 12H 28M 42S					1L
2540	274 18:15:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9549 (D/L ONLY)					1DP
2541	274 18:15:00	31				CFG CODES					1DP
2542	274 18:22:39	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2543	274 21:58:20	31	60 SET			14.8 DEGREE SET DSC-60					1V
2544	275 00:00:00	31				VGR-31 OWLT IS 12H 28M 48S					1L
2545	275 01:49:18	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2546	275 04:18:14	31			AC7SSB	(4 +145) SS BIAS CONTROL --- YAW	AACS		40978:05:002F	03-274/15:49:24	1ECa
2547	275 05:48:58	31	10 SET			10.2 DEGREE SET DSC-10					1V
2548	275 05:55:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9549					1DP
2549	275 10:46:08	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2550	275 10:53:19	31	40 SET			10.2 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2551	275 12:00:00	31				VGR-31 OWLT IS 12H 28M 54S					1L
2552	275 14:45:00	31	54 AOS	OPCH ACE		AOS DSS-54 PASS-9549 (D/L ONLY)					1DP
2553	275 14:45:00	31				CFG CODES					1DP
2554	275 18:18:46	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2555	275 18:55:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9550 (D/L ONLY)					1DP
2556	275 18:55:00	31				CFG CODES					1DP
2557	275 19:15:00	31	54 LOS	OPCH ACE		LOS DSS-54 PASS-9549					1DP
2558	275 21:54:28	31	60 SET			14.8 DEGREE SET DSC-60					1V
2559	276 00:00:00	31				VGR-31 OWLT IS 12H 28M 59S					1L
2560	276 01:45:22	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2561	276 05:45:02	31	10 SET			10.2 DEGREE SET DSC-10					1V
2562	276 05:50:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9550					1DP
2563	276 10:42:14	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2564	276 10:49:26	31	40 SET			10.2 DEGREE SET DSC-40					1V
2565	276 12:00:00	31				VGR-31 OWLT IS 12H 29M 05S					1L
2566	276 15:00:00	31	54 AOS	OPCH ACE		AOS DSS-54 PASS-9550 (D/L ONLY)					1DP
2567	276 15:00:00	31				CFG CODES					1DP
2568	276 18:14:52	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2569	276 18:55:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9551 (D/L ONLY)					1DP
2570	276 18:55:00	31				CFG CODES					1DP
2571	276 19:15:00	31	54 LOS	OPCH ACE		LOS DSS-54 PASS-9550					1DP

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2603	277 11:59:28	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	41047:41:001F	03-276/23:30:11	1ESf
2604	277 11:59:28	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		41047:41:002F	03-276/23:30:12	1ECs
2605	277 11:59:29	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		41047:41:026F	03-276/23:30:13	1ECf
2606	277 11:59:30	31				B- DRCRUS			41047:41:034F	03-276/23:30:13	1TB
2607	277 12:00:00	31				VGR-31 OWLT IS 12H 29M 16S					1L
2608	277 12:00:16	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	41047:42:001F	03-276/23:30:59	1ESF
2609	277 12:00:16	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		41047:42:002F	03-276/23:31:00	1ECd
2610	277 12:00:16	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:2359	DTR		41047:42:002F	03-276/23:31:00	1ESd
2611	277 12:00:16	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		41047:42:002F	03-276/23:31:00	1ECs
2612	277 12:01:04	31			SC32AJ	(13) PLS CONFIG CMD	FDS		41047:43:009F	03-276/23:31:48	1ECf
2613	277 12:01:06	31				END PWSREC.31			41047:43:034F	03-276/23:31:49	1T

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2614	277 14:06:41	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		41050:20:002F	03-277/01:37:24	1ECd
2615	277 14:06:41	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2353	DTR		41050:20:002F	03-277/01:37:24	1ESd
2616	277 14:21:00	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		41050:37:714F	03-277/01:51:42	1ECd
2617	277 14:21:00	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2043	DTR		41050:37:714F	03-277/01:51:42	1ESd
2618	277 17:06:42	31			CC16C	(7015) DTR STATE SELECT: READY	DTR		41054:05:002F	03-277/04:37:24	1ECd
2619	277 17:06:42	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2043	DTR		41054:05:002F	03-277/04:37:24	1ESd
2620	277 18:10:59	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2621	277 21:15:00	31	54 LOS	OPCH ACE		LOS DSS-54 PASS-9551					1DP
2622	277 21:46:44	31	60 SET			14.8 DEGREE SET DSC-60					1V
2623	277 22:00:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9552 (D/L ONLY)					1DP
2624	277 22:00:00	31				CFG CODES					1DP
2625	278 00:00:00	31				VGR-31 OWLT IS 12H 29M 21S					1L
2626	278 01:35:00	31	43 AOS	OPCH ACE		AOS DSS-43 PASS-9552 (D/L ONLY)					1DP
2627	278 01:35:00	31				CFG CODES					1DP
2628	278 01:37:31	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2629	278 01:55:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9552					1DP

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2630	278 05:37:11	31	10 SET			10.2 DEGREE SET DSC-10					1V
2631	278 07:50:01	31			AC7SSB	(4 +146) SS BIAS CONTROL --- YAW	AACS		41072:29:003F	03-277/19:20:36	1ECa
2632	278 08:05:00	31	43 LOS	OPCH ACE		LOS DSS-43 PASS-9552					1DP
2633	278 10:34:28	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2634	278 10:41:39	31	40 SET			10.2 DEGREE SET DSC-40					1V
2635	278 12:00:00	31				VGR-31 OWLT IS 12H 29M 27S					1L
2636	278 15:00:00	31	54 AOS	OPCH ACE		AOS DSS-54 PASS-9552 (D/L ONLY)					1DP
2637	278 15:00:00	31				CFG CODES					1DP
2638	278 18:07:05	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2639	278 21:35:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9553 (D/L ONLY)					1DP
2640	278 21:35:00	31				CFG CODES					1DP
2641	278 21:42:50	31	60 SET			14.8 DEGREE SET DSC-60					1V
2642	278 22:15:00	31	54 LOS	OPCH ACE		LOS DSS-54 PASS-9552					1DP
2643	279 00:00:00	31				VGR-31 OWLT IS 12H 29M 32S					1L
2644	279 01:25:00	31	43 AOS	OPCH ACE		AOS DSS-43 PASS-9553 (D/L ONLY)					1DP
2645	279 01:25:00	31				CFG CODES					1DP
2646	279 01:33:35	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2647	279 02:15:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9553					1DP
2648	279 05:33:15	31	10 SET			10.2 DEGREE SET DSC-10					1V
2649	279 07:00:00	31	43 LOS	OPCH ACE		LOS DSS-43 PASS-9553					1DP
2650	279 10:30:34	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2651	279 10:37:46	31	40 SET			10.2 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2688	281 05:35:21	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		41159:40:009F	03-280/17:05:24	1ECf
2689	281 05:36:05	31				BEGIN RECORDING PWS DATA			41159:40:734F	03-280/17:06:07	1T
2690	281 05:36:05	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		41159:40:735F	03-280/17:06:08	1ECd
2691	281 05:36:05	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:2043	DTR		41159:40:735F	03-280/17:06:08	1ESd
2692	281 05:36:09	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	41159:41:001F	03-280/17:06:11	1ESf
2693	281 05:36:09	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		41159:41:002F	03-280/17:06:12	1ECs
2694	281 05:36:10	31				B- DRCRUS			41159:41:018F	03-280/17:06:12	1TB
2695	281 05:36:10	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		41159:41:026F	03-280/17:06:13	1ECf
2696	281 05:36:57	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	41159:42:001F	03-280/17:06:59	1ESf

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2697	281 05:36:57	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		41159:42:002F	03-280/17:07:00	1ECs
2698	281 05:36:57	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		41159:42:002F	03-280/17:07:00	1ECd
2699	281 05:36:57	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2336	DTR		41159:42:002F	03-280/17:07:00	1ESd
2700	281 05:37:45	31			SC32AJ	(13) PLS CONFIG CMD	FDS		41159:43:009F	03-280/17:07:48	1ECf
2701	281 05:37:46	31				END PWSREC.31			41159:43:018F	03-280/17:07:48	1T
2702	281 10:15:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9555 (D/L ONLY)					1DP
2703	281 10:15:00	31				CFG CODES					1DP
2704	281 10:22:48	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2705	281 10:29:59	31	40 SET			10.2 DEGREE SET DSC-40					1V
2706	281 12:00:00	31				VGR-31 OWLT IS 12H 30M 00S					1L
2707	281 15:25:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9555					1DP
2708	281 17:50:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9556 (D/L ONLY)					1DP
2709	281 17:50:00	31				CFG CODES					1DP
2710	281 17:55:25	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2711	281 21:31:11	31	60 SET			14.8 DEGREE SET DSC-60					1V
2712	282 00:00:00	31				VGR-31 OWLT IS 12H 30M 05S					1L
2713	282 01:21:48	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2714	282 01:35:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9556					1DP
2715	282 05:21:29	31	10 SET			10.2 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2716	282 10:18:55	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2717	282 10:26:06	31	40 SET			10.2 DEGREE SET DSC-40					1V
2718	282 12:00:00	31				VGR-31 OWLT IS 12H 30M 10S					1L
2719	282 14:00:00	31	54 AOS	OPCH ACE		AOS DSS-54 PASS-9556 (D/L ONLY)					1DP
2720	282 14:00:00	31				CFG CODES					1DP
2721	282 17:45:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9557 (D/L ONLY)					1DP
2722	282 17:45:00	31				CFG CODES					1DP
2723	282 17:51:31	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2724	282 18:00:00	31	54 LOS	OPCH ACE		LOS DSS-54 PASS-9556					1DP
2725	282 21:27:19	31	60 SET			14.8 DEGREE SET DSC-60					1V
2726	282 22:57:15	31			AC7SSB	(4 +147) SS BIAS CONTROL --- YAW	AACS		41211:22:003F	03-282/10:27:00	1ECa
2727	283 00:00:00	31				VGR-31 OWLT IS 12H 30M 16S					1L
2728	283 01:15:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9557					1DP
2729	283 01:17:53	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2730	283 05:17:34	31	10 SET			10.2 DEGREE SET DSC-10					1V
2731	283 10:15:02	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2732	283 10:22:13	31	40 SET			10.2 DEGREE SET DSC-40					1V
2733	283 12:00:00	31				VGR-31 OWLT IS 12H 30M 21S					1L
2734	283 17:40:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9558 (D/L ONLY)					1DP
2735	283 17:40:00	31				CFG CODES					1DP
2736	283 17:47:38	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2737	283 21:23:27	31	60 SET			14.8 DEGREE SET DSC-60					1V

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2768	284 11:36:43	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	41257:11:001F	03-283/23:06:11	1ESf
2769	284 11:36:43	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		41257:11:002F	03-283/23:06:12	1ECs
2770	284 11:36:44	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		41257:11:026F	03-283/23:06:13	1ECf
2771	284 11:36:45	31				B- DRCRUS			41257:11:034F	03-283/23:06:13	1TB
2772	284 11:37:31	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	41257:12:001F	03-283/23:06:59	1ESf
2773	284 11:37:31	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		41257:12:002F	03-283/23:07:00	1ECd
2774	284 11:37:31	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:2060	DTR		41257:12:002F	03-283/23:07:00	1ESd
2775	284 11:37:31	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		41257:12:002F	03-283/23:07:00	1ECs
2776	284 11:38:19	31			SC32AJ	(13) PLS CONFIG CMD	FDS		41257:13:009F	03-283/23:07:48	1ECf
2777	284 11:38:21	31				END PWSREC.31			41257:13:034F	03-283/23:07:49	1T
2778	284 12:00:00	31				VGR-31 OWLT IS 12H 30M 32S					1L

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2779	284 13:43:56	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		41259:50:002F	03-284/01:13:24	1ECd
2780	284 13:43:56	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:2054	DTR		41259:50:002F	03-284/01:13:24	1ESd
2781	284 13:57:16	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		41260:06:525F	03-284/01:26:43	1ECd
2782	284 13:57:16	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2342	DTR		41260:06:525F	03-284/01:26:43	1ESd
2783	284 15:40:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9558					1DP
2784	284 16:43:58	31			CC16C	(7015) DTR STATE SELECT: READY	DTR		41263:35:002F	03-284/04:13:24	1ECd
2785	284 16:43:58	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2342	DTR		41263:35:002F	03-284/04:13:24	1ESd
2786	284 17:40:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9559 (D/L ONLY)					1DP
2787	284 17:40:00	31				CFG CODES					1DP
2788	284 17:43:45	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2789	284 21:19:35	31	60 SET			14.7 DEGREE SET DSC-60					1V
2790	285 00:00:00	31				VGR-31 OWLT IS 12H 30M 37S					1L
2791	285 01:00:00	31	43 AOS	OPCH ACE		AOS DSS-43 PASS-9559 (D/L ONLY)					1DP
2792	285 01:00:00	31				CFG CODES					1DP
2793	285 01:10:02	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2794	285 01:20:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9559					1DP

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2795	285 05:09:43	31	10 SET			10.2 DEGREE SET DSC-10					1V
2796	285 07:40:00	31	43 LOS	OPCH ACE		LOS DSS-43 PASS-9559					1DP
2797	285 10:07:15	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2798	285 10:14:27	31	40 SET			10.2 DEGREE SET DSC-40					1V
2799	285 12:00:00	31				VGR-31 OWLT IS 12H 30M 42S					1L
2800	285 15:00:00	31	54 AOS	OPCH ACE		AOS DSS-54 PASS-9559 (D/L ONLY)					1DP
2801	285 15:00:00	31				CFG CODES					1DP
2802	285 17:39:51	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2803	285 19:00:00	31	54 LOS	OPCH ACE		LOS DSS-54 PASS-9559					1DP
2804	285 21:15:41	31	60 SET			14.7 DEGREE SET DSC-60					1V
2805	285 21:30:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9560 (D/L ONLY)					1DP
2806	285 21:30:00	31				CFG CODES					1DP
2807	286 00:00:00	31				VGR-31 OWLT IS 12H 30M 47S					1L
2808	286 01:06:06	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2809	286 05:05:48	31	10 SET			10.2 DEGREE SET DSC-10					1V
2810	286 05:10:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9560					1DP
2811	286 09:55:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9560 (D/L ONLY)					1DP
2812	286 09:55:00	31				CFG CODES					1DP
2813	286 10:03:22	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2814	286 10:10:34	31	40 SET			10.2 DEGREE SET DSC-40					1V
2815	286 12:00:00	31				VGR-31 OWLT IS 12H 30M 53S					1L
2816	286 15:25:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9560					1DP

FINAL SEQUENCE FOR JST A048 (TOL/A048F - EVTSDR/A048CA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2817	286 17:35:58	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2818	286 20:25:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9561 (D/L ONLY)					1DP
2819	286 20:25:00	31				CFG CODES					1DP
2820	286 21:11:49	31	60 SET			14.7 DEGREE SET DSC-60					1V
2821	286 21:40:20	31				FINAL SPACECRAFT STATUS			41329:44:785F	03-286/09:09:23	1TI
2822	286 21:40:20	31				RADIO STATUS			41329:44:785F	03-286/09:09:23	1TI
2823	286 21:40:20	31			DC2AR	S-BAND RANGING OFF			41329:44:785F	03-286/09:09:23	1TI
2824	286 21:40:20	31			DC2DR	S-BAND LO PWR			41329:44:785F	03-286/09:09:23	1TI
2825	286 21:40:20	31			DC2HR	X-BAND LO PWR			41329:44:785F	03-286/09:09:23	1TI
2826	286 21:40:20	31			DC2N	X-BAND RANGING ON			41329:44:785F	03-286/09:09:23	1TI
2827	286 21:40:20	31			DC2P	2 WAY NON-COHERENT ON			41329:44:785F	03-286/09:09:23	1TI
2828	286 21:40:20	31			DC2QR	USO OFF			41329:44:785F	03-286/09:09:23	1TI
2829	286 21:40:20	31			CC2BRP	S-BAND EXC-2 SEL			41329:44:785F	03-286/09:09:23	1TI
2830	286 21:40:20	31			CC2CRP	S-BAND TRANS-2 SEL			41329:44:785F	03-286/09:09:23	1TI
2831	286 21:40:20	31			CC2FP	RCVR-1 SEL			41329:44:785F	03-286/09:09:23	1TI
2832	286 21:40:20	31			CC2JP	X-BAND EXC-1 SEL			41329:44:785F	03-286/09:09:23	1TI
2833	286 21:40:20	31			CC2GP	X-BAND ON			41329:44:785F	03-286/09:09:23	1TI
2834	286 21:40:20	31			CC2KRP	S-BAND OFF			41329:44:785F	03-286/09:09:23	1TI
2835	286 21:40:20	31			CC2LP	X-BAND TWTA-1 SEL			41329:44:785F	03-286/09:09:23	1TI
2836	286 21:40:20	31			CC2MP	S-BAND EXC ON			41329:44:785F	03-286/09:09:23	1TI
2837	286 21:40:20	31			DC2E	HGA SELECT			41329:44:785F	03-286/09:09:23	1TI
2838	286 21:40:20	31			CC1T	BAY 1 HTR ON			41329:44:785F	03-286/09:09:23	1TI
2839	286 21:40:20	31				MDS STATUS			41329:44:785F	03-286/09:09:23	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
2840	286 21:40:20	31			CC3BP	TMU ON			41329:44:785F	03-286/09:09:23	1TI
2841	286 21:40:20	31			CC3GP	TMU-A SEL			41329:44:785F	03-286/09:09:23	1TI
2842	286 21:40:20	31			CC3HP	CDU-A SEL			41329:44:785F	03-286/09:09:23	1TI
2843	286 21:40:20	31			CC3A	32310 X-BAND			41329:44:785F	03-286/09:09:23	1TI
2844	286 21:40:20	31			CC3A	28301 S-BAND			41329:44:785F	03-286/09:09:23	1TI
2845	286 21:40:20	31				POWER STATUS			41329:44:785F	03-286/09:09:23	1TI
2846	286 21:40:20	31			CC4A	UNDERVOLTAGE TRIP RESET			41329:44:785F	03-286/09:09:23	1TI
2847	286 21:40:20	31			CC4K	RTG-1 DIODE BYPASS ON			41329:44:785F	03-286/09:09:23	1TI
2848	286 21:40:20	31			CC4L	RTG-2 DIODE BYPASS ON			41329:44:785F	03-286/09:09:23	1TI
2849	286 21:40:20	31			CC4M	RTG-3 DIODE BYPASS ON			41329:44:785F	03-286/09:09:23	1TI
2850	286 21:40:20	31				CCS STATUS			41329:44:785F	03-286/09:09:23	1TI
2851	286 21:40:20	31			DC5AR	CCS TOL DET ENABLE			41329:44:785F	03-286/09:09:23	1TI
2852	286 21:40:20	31				FDS STATUS			41329:44:785F	03-286/09:09:23	1TI
2853	286 21:40:20	31			CC6CP	FDS ON/ISS PWR ENABLE			41329:44:785F	03-286/09:09:23	1TI
2854	286 21:40:20	31			CC6AA	1 SVC-W1			41329:44:785F	03-286/09:09:23	1TI
2855	286 21:40:20	31			CC6AD	3200 SVC-W4			41329:44:785F	03-286/09:09:23	1TI
2856	286 21:40:20	31			CC6AE	30011 SVC-W5			41329:44:785F	03-286/09:09:23	1TI
2857	286 21:40:20	31			CC6AP	FDS PWR CONV A SEL			41329:44:785F	03-286/09:09:23	1TI
2858	286 21:40:20	31			CC6AB	01000 SVC-W2			41329:44:785F	03-286/09:09:23	1TI
2859	286 21:40:20	31			SC06BB	530070 FDS DATA MODE			41329:44:785F	03-286/09:09:23	1TI
2860	286 21:40:20	31				AACS STATUS			41329:44:785F	03-286/09:09:23	1TI
2861	286 21:40:20	31			AC7PCG	14 HYBIC 2 PWR ON			41329:44:785F	03-286/09:09:23	1TI
2862	286 21:40:20	31			CC7ML	05 CST ON			41329:44:785F	03-286/09:09:23	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
2863	286 21:40:20	31			AC7CTG	10 394 CST HI GATE			41329:44:785F	03-286/09:09:23	1TI
2864	286 21:40:20	31			AC7CTG	11 442 CST LO GATE			41329:44:785F	03-286/09:09:23	1TI
2865	286 21:40:20	31			AC7GYP	000 GYRO PATTERN			41329:44:785F	03-286/09:09:23	1TI
2866	286 21:40:20	31			AC7PCG	52 GYRO A OFF			41329:44:785F	03-286/09:09:23	1TI
2867	286 21:40:20	31			AC7PCG	62 GYRO B OFF			41329:44:785F	03-286/09:09:23	1TI
2868	286 21:40:20	31			AC7PCG	72 GYRO C OFF			41329:44:785F	03-286/09:09:23	1TI
2869	286 21:40:20	31			AC7PAR	7530 000000 GYRO OFF NORM			41329:44:785F	03-286/09:09:23	1TI
2870	286 21:40:20	31			AC7PAR	6740 000740 PITCH DEADBAND			41329:44:785F	03-286/09:09:23	1TI
2871	286 21:40:20	31			AC7PAR	6741 001700 YAW DEADBAND			41329:44:785F	03-286/09:09:23	1TI
2872	286 21:40:20	31			AC7PAR	6742 004540 ROLL DEADBAND			41329:44:785F	03-286/09:09:23	1TI
2873	286 21:40:20	31			DEADBAND	DEAD BAND STATE: 05 10 25			41329:44:785F	03-286/09:09:23	1TI
2874	286 21:40:20	31			CC7SS	1 AACS TO RAI			41329:44:785F	03-286/09:09:23	1TI
2875	286 21:40:20	31			CC7CT	01 CST CONE ANGLE 1			41329:44:785F	03-286/09:09:23	1TI
2876	286 21:40:20	31			AC7DDB	000480 DEAD BAND CONTROL			41329:44:785F	03-286/09:09:23	1TI
2877	286 21:40:20	31			CC7AHRP	SS HTR A OFF			41329:44:785F	03-286/09:09:23	1TI
2878	286 21:40:20	31			CC7BHP	SS HTR B ON			41329:44:785F	03-286/09:09:23	1TI
2879	286 21:40:20	31			CC7ML	01 FDS CHAN A			41329:44:785F	03-286/09:09:23	1TI
2880	286 21:40:20	31			CC7ML	09 TCAPU FAULT ENA			41329:44:785F	03-286/09:09:23	1TI
2881	286 21:40:20	31			AC7PCG	61 AACS BAY 6 HTR A OFF			41329:44:785F	03-286/09:09:23	1TI
2882	286 21:40:20	31			AC7PCG	71 AACS BAY 6 HTR B OFF			41329:44:785F	03-286/09:09:23	1TI
2883	286 21:40:20	31			CC7MMRP	PROC/MEM 2 SELECT			41329:44:785F	03-286/09:09:23	1TI
2884	286 21:40:20	31			CC7SHRP	AZ SCAN ACTUATOR HTR OFF			41329:44:785F	03-286/09:09:23	1TI
2885	286 21:40:20	31			AC7PCG	22 CST SUN SHUTTER OFF			41329:44:785F	03-286/09:09:23	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
2886	286 21:40:20	31			AC7PCG	10 ISO VALVE BRANCH 1 OFF			41329:44:785F	03-286/09:09:23	1TI
2887	286 21:40:20	31			AC7PCG	20 ISO VALVE BRANCH 2 OFF			41329:44:785F	03-286/09:09:23	1TI
2888	286 21:40:20	31			CC1PHP	SCAN PLAT SUPL HTR ON			41329:44:785F	03-286/09:09:23	1TI
2889	286 21:40:20	31			CC77MRP	MAM OFF			41329:44:785F	03-286/09:09:23	1TI
2890	286 21:40:20	31			DC77PR	NON-PRIME FCP/MEM OFF			41329:44:785F	03-286/09:09:23	1TI
2891	286 21:40:20	31			DC77XR	MAM COMMAND DISABLE			41329:44:785F	03-286/09:09:23	1TI
2892	286 21:40:20	31				PYRO STATUS			41329:44:785F	03-286/09:09:23	1TI
2893	286 21:40:20	31			CC8D	PSU INSTRUMENTATION ON			41329:44:785F	03-286/09:09:23	1TI
2894	286 21:40:20	31			DC8XR	PYRO DISABLE			41329:44:785F	03-286/09:09:23	1TI
2895	286 21:40:20	31				PROPULSION STATUS			41329:44:785F	03-286/09:09:23	1TI
2896	286 21:40:20	31			CC10CRP	TCM HTR OFF			41329:44:785F	03-286/09:09:23	1TI
2897	286 21:40:20	31			CC10DR	AP BR1 HTR OFF			41329:44:785F	03-286/09:09:23	1TI
2898	286 21:40:20	31			CC10ER	AP BR2 HTR OFF			41329:44:785F	03-286/09:09:23	1TI
2899	286 21:40:20	31			CC10TRP	TCM LINE HTRS OFF			41329:44:785F	03-286/09:09:23	1TI
2900	286 21:40:20	31				DSS STATUS			41329:44:785F	03-286/09:09:23	1TI
2901	286 21:40:20	31			CC16BR	DSS 10 W REPL HTR OFF			41329:44:785F	03-286/09:09:23	1TI
2902	286 21:40:20	31			CC16AP	DSS ON			41329:44:785F	03-286/09:09:23	1TI
2903	286 21:40:20	31			CC1DR	BAY 2 19 W HTR OFF			41329:44:785F	03-286/09:09:23	1TI
2904	286 21:40:20	31			CC16C	7215 DSS CONTROL			41329:44:785F	03-286/09:09:23	1TI
2905	286 21:40:20	31				SCIENCE PWR STATUS			41329:44:785F	03-286/09:09:23	1TI
2906	286 21:40:20	31			CC1CR	MAG COIL OFF			41329:44:785F	03-286/09:09:23	1TI
2907	286 21:40:20	31			CC21A	CRS ON			41329:44:785F	03-286/09:09:23	1TI
2908	286 21:40:20	31			CC21B	CRS REPL HTR ON			41329:44:785F	03-286/09:09:23	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
2909	286 21:40:20	31			CC21CR	CRS SUPP HTR OFF			41329:44:785F	03-286/09:09:23	1TI
2910	286 21:40:20	31			CC22A	PRA ON			41329:44:785F	03-286/09:09:23	1TI
2911	286 21:40:20	31			CC23A	PWS ON			41329:44:785F	03-286/09:09:23	1TI
2912	286 21:40:20	31			CC25A	LECP ON			41329:44:785F	03-286/09:09:23	1TI
2913	286 21:40:20	31			CC25B	LECP STEPPER MOTOR ON			41329:44:785F	03-286/09:09:23	1TI
2914	286 21:40:20	31			CC25CR	LECP REPL HTR OFF			41329:44:785F	03-286/09:09:23	1TI
2915	286 21:40:20	31			CC25D	LECP MAIN SUPP HTR ON			41329:44:785F	03-286/09:09:23	1TI
2916	286 21:40:20	31			CC25E	LECP LEPT SUPP HTR ON			41329:44:785F	03-286/09:09:23	1TI
2917	286 21:40:20	31			CC27BR	PPS SUPP HTR OFF			41329:44:785F	03-286/09:09:23	1TI
2918	286 21:40:20	31			CC32AR	PLS OFF			41329:44:785F	03-286/09:09:23	1TI
2919	286 21:40:20	31			CC32BR	PLS SUPP HTR OFF			41329:44:785F	03-286/09:09:23	1TI
2920	286 21:40:20	31			CC32C	PLS REPL HTR ON			41329:44:785F	03-286/09:09:23	1TI
2921	286 21:40:20	31			CC34A	UVS ON			41329:44:785F	03-286/09:09:23	1TI
2922	286 21:40:20	31			CC34B	UVS REPL HTR ON			41329:44:785F	03-286/09:09:23	1TI
2923	286 21:40:20	31			CC35AR	MAG OFF			41329:44:785F	03-286/09:09:23	1TI
2924	286 21:40:20	31			CC35B	MAG STANDBY ON			41329:44:785F	03-286/09:09:23	1TI
2925	286 21:40:20	31			CC35GR	MAG SENSOR HTR OFF			41329:44:785F	03-286/09:09:23	1TI
2926	286 21:40:20	31			CC36GR	ISS WA VID REPL HTR OFF			41329:44:785F	03-286/09:09:23	1TI
2927	286 21:40:20	31			CC36HR	ISS WA ELEC REPL HTR OFF			41329:44:785F	03-286/09:09:23	1TI
2928	286 21:40:20	31			CC36CRP	ISS NA OPTICS HTR OFF			41329:44:785F	03-286/09:09:23	1TI
2929	286 21:40:20	31			CC36FRP	ISS NA VID REPL HTR OFF			41329:44:785F	03-286/09:09:23	1TI
2930	286 21:40:20	31			CC36JP	ISS NA ELEC REPL HTR ON			41329:44:785F	03-286/09:09:23	1TI
2931	286 21:40:20	31			CC39D	IRIS REPL HTR ON			41329:44:785F	03-286/09:09:23	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
2932	286 21:40:20	31			CC39FR	IRIS STANDBY A SUPPLY OFF			41329:44:785F	03-286/09:09:23	1TI
2933	286 21:40:20	31			CC39BR	IRIS STANDBY B SUPPLY OFF			41329:44:785F	03-286/09:09:23	1TI
2934	286 21:40:20	31				SCIENCE INSTRUMENT STATUS			41329:44:785F	03-286/09:09:23	1TI
2935	286 21:40:20	31			SC21AF	01000 CRS CMD WORD			41329:44:785F	03-286/09:09:23	1TI
2936	286 21:40:20	31			SC21AF	02000 CRS CMD WORD			41329:44:785F	03-286/09:09:23	1TI
2937	286 21:40:20	31			SC21AF	03000 CRS CMD WORD			41329:44:785F	03-286/09:09:23	1TI
2938	286 21:40:20	31			SC21AF	04000 CRS CMD WORD			41329:44:785F	03-286/09:09:23	1TI
2939	286 21:40:20	31			SC21AF	05300 CRS CMD WORD			41329:44:785F	03-286/09:09:23	1TI
2940	286 21:40:20	31			SC21AF	06000 CRS CMD WORD			41329:44:785F	03-286/09:09:23	1TI
2941	286 21:40:20	31			SC21AF	07200 CRS CMD WORD			41329:44:785F	03-286/09:09:23	1TI
2942	286 21:40:20	31			SC21AF	08200 CRS CMD WORD			41329:44:785F	03-286/09:09:23	1TI
2943	286 21:40:20	31			SC21AF	10000 CRS CMD WORD			41329:44:785F	03-286/09:09:23	1TI
2944	286 21:40:20	31			SC21AF	11000 CRS CMD WORD			41329:44:785F	03-286/09:09:23	1TI
2945	286 21:40:20	31			SC21AF	12000 CRS CMD WORD			41329:44:785F	03-286/09:09:23	1TI
2946	286 21:40:20	31			SC21AF	13012 CRS CMD WORD			41329:44:785F	03-286/09:09:23	1TI
2947	286 21:40:20	31			SC21AG	CRS HV FLAG			41329:44:785F	03-286/09:09:23	1TI
2948	286 21:40:20	31			SC21AH	CRS CAL-ST FLAG			41329:44:785F	03-286/09:09:23	1TI
2949	286 21:40:20	31			SC22AF	1347 PRA CONFIGURATION CMD			41329:44:785F	03-286/09:09:23	1TI
2950	286 21:40:20	31			SC22NU	0000 PRA MODE SELECT			41329:44:785F	03-286/09:09:23	1TI
2951	286 21:40:20	31			SC23AD	5 PWS CMD WORD			41329:44:785F	03-286/09:09:23	1TI
2952	286 21:40:20	31			SC25AH	1777 LECP CMD WORD			41329:44:785F	03-286/09:09:23	1TI
2953	286 21:40:20	31			SC25AH	2417 LECP CMD WORD			41329:44:785F	03-286/09:09:23	1TI
2954	286 21:40:20	31			SC25AH	5600 LECP CMD WORD			41329:44:785F	03-286/09:09:23	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
2955	286 21:40:20	31			SC25AH	6032 LECP CMD WORD			41329:44:785F	03-286/09:09:23	1TI
2956	286 21:40:20	31			SC25AJ	1 LECP MOTOR STEP CMD			41329:44:785F	03-286/09:09:23	1TI
2957	286 21:40:20	31			SC25AN	0 LECP NEAR/FAR ENC			41329:44:785F	03-286/09:09:23	1TI
2958	286 21:40:20	31			SC25AQ	5200 LECP SAFE CMD			41329:44:785F	03-286/09:09:23	1TI
2959	286 21:40:20	31			SC32AF	2 PLS E1 INT/AMP GAIN			41329:44:785F	03-286/09:09:23	1TI
2960	286 21:40:20	31			SC32AG	2 PLS E2 INT/AMP GAIN			41329:44:785F	03-286/09:09:23	1TI
2961	286 21:40:20	31			SC32AH	3 PLS M INT/AMP GAIN			41329:44:785F	03-286/09:09:23	1TI
2962	286 21:40:20	31			SC32AJ	13 PLS CONFIG CMD			41329:44:785F	03-286/09:09:23	1TI
2963	286 21:40:20	31			SC32AK	2 PLS L INT/AMP GAIN			41329:44:785F	03-286/09:09:23	1TI
2964	286 21:40:20	31			SC32AL	216 PLS M START WORD 1			41329:44:785F	03-286/09:09:23	1TI
2965	286 21:40:20	31			SC32AM	216 PLS M START WORD 2			41329:44:785F	03-286/09:09:23	1TI
2966	286 21:40:20	31			SC32AN	2 PLS M MODE			41329:44:785F	03-286/09:09:23	1TI
2967	286 21:40:20	31			SC32AP	3 PLS E1 SHRT			41329:44:785F	03-286/09:09:23	1TI
2968	286 21:40:20	31			SC32AQ	3 PLS E2 SHRT			41329:44:785F	03-286/09:09:23	1TI
2969	286 21:40:20	31			SC32AR	3 PLS L SHORT			41329:44:785F	03-286/09:09:23	1TI
2970	286 21:40:20	31			SC32AS	2 PLS E1 LONG			41329:44:785F	03-286/09:09:23	1TI
2971	286 21:40:20	31			SC32AT	2 PLS E2 LONG			41329:44:785F	03-286/09:09:23	1TI
2972	286 21:40:20	31			SC32AU	2 PLS L LONG			41329:44:785F	03-286/09:09:23	1TI
2973	286 21:40:20	31			SC34AE	13 UVS MODE/HV LEVEL			41329:44:785F	03-286/09:09:23	1TI
2974	286 21:40:20	31			SC34AF	0 UVS READ OUT FLAG			41329:44:785F	03-286/09:09:23	1TI
2975	286 21:40:20	31			SC35AI	030001 MAG HFM/EL FLIP/IFC/LFM			41329:44:785F	03-286/09:09:23	1TI
2976	286 21:40:20	31			SC35AO	030001 MAG HFM/PRIME/IFC/LFM RAN			41329:44:785F	03-286/09:09:23	1TI