



# FINAL FLIGHT SOE

## S/C 31

(A047AD Mini-Sequence merged with A047AB Overlay Sequence)

SEQUENCE ID A047AD      DATE OF RELEASE May 20, 2003

EXECUTION PERIOD 05/12/2003 to 08/11/2003      (03-132 to 03-223)

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

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

C. WEISS      600-100

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT 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	104 21:16:40	31				INITIAL SPACECRAFT STATUS			35869:44:785F	03-104/09:09:23	1TI
2	104 21:16:40	31				RADIO STATUS			35869:44:785F	03-104/09:09:23	1TI
3	104 21:16:40	31			DC2AR	S-BAND RANGING OFF			35869:44:785F	03-104/09:09:23	1TI
4	104 21:16:40	31			DC2DR	S-BAND LO PWR			35869:44:785F	03-104/09:09:23	1TI
5	104 21:16:40	31			DC2HR	X-BAND LO PWR			35869:44:785F	03-104/09:09:23	1TI
6	104 21:16:40	31			DC2N	X-BAND RANGING ON			35869:44:785F	03-104/09:09:23	1TI
7	104 21:16:40	31			DC2P	2 WAY NON-COHERENT ON			35869:44:785F	03-104/09:09:23	1TI
8	104 21:16:40	31			DC2QR	USO OFF			35869:44:785F	03-104/09:09:23	1TI
9	104 21:16:40	31			CC2BRP	S-BAND EXC-2 SEL			35869:44:785F	03-104/09:09:23	1TI
10	104 21:16:40	31			CC2CRP	S-BAND TRANS-2 SEL			35869:44:785F	03-104/09:09:23	1TI
11	104 21:16:40	31			CC2FP	RCVR-1 SEL			35869:44:785F	03-104/09:09:23	1TI
12	104 21:16:40	31			CC2JP	X-BAND EXC-1 SEL			35869:44:785F	03-104/09:09:23	1TI
13	104 21:16:40	31			CC2GP	X-BAND ON			35869:44:785F	03-104/09:09:23	1TI
14	104 21:16:40	31			CC2KRP	S-BAND OFF			35869:44:785F	03-104/09:09:23	1TI
15	104 21:16:40	31			CC2LP	X-BAND TWTA-1 SEL			35869:44:785F	03-104/09:09:23	1TI
16	104 21:16:40	31			CC2MP	S-BAND EXC ON			35869:44:785F	03-104/09:09:23	1TI
17	104 21:16:40	31			DC2E	HGA SELECT			35869:44:785F	03-104/09:09:23	1TI
18	104 21:16:40	31			CC1T	BAY 1 HTR ON			35869:44:785F	03-104/09:09:23	1TI
19	104 21:16:40	31				MDS STATUS			35869:44:785F	03-104/09:09:23	1TI
20	104 21:16:40	31			CC3BP	TMU ON			35869:44:785F	03-104/09:09:23	1TI
21	104 21:16:40	31			CC3GP	TMU-A SEL			35869:44:785F	03-104/09:09:23	1TI
22	104 21:16:40	31			CC3HP	CDU-A SEL			35869:44:785F	03-104/09:09:23	1TI
23	104 21:16:40	31			CC3A	32310 X-BAND			35869:44:785F	03-104/09:09:23	1TI

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT 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	104 21:16:40	31			CC3A	28301 S-BAND			35869:44:785F	03-104/09:09:23	1TI
25	104 21:16:40	31				POWER STATUS			35869:44:785F	03-104/09:09:23	1TI
26	104 21:16:40	31			CC4A	UNDERVOLTAGE TRIP RESET			35869:44:785F	03-104/09:09:23	1TI
27	104 21:16:40	31			CC4K	RTG-1 DIODE BYPASS ON			35869:44:785F	03-104/09:09:23	1TI
28	104 21:16:40	31			CC4L	RTG-2 DIODE BYPASS ON			35869:44:785F	03-104/09:09:23	1TI
29	104 21:16:40	31			CC4M	RTG-3 DIODE BYPASS ON			35869:44:785F	03-104/09:09:23	1TI
30	104 21:16:40	31				CCS STATUS			35869:44:785F	03-104/09:09:23	1TI
31	104 21:16:40	31			DC5AR	CCS TOL DET ENABLE			35869:44:785F	03-104/09:09:23	1TI
32	104 21:16:40	31				FDS STATUS			35869:44:785F	03-104/09:09:23	1TI
33	104 21:16:40	31			CC6CP	FDS ON/ISS PWR ENABLE			35869:44:785F	03-104/09:09:23	1TI
34	104 21:16:40	31			CC6AA	1 SVC-W1			35869:44:785F	03-104/09:09:23	1TI
35	104 21:16:40	31			CC6AD	3200 SVC-W4			35869:44:785F	03-104/09:09:23	1TI
36	104 21:16:40	31			CC6AE	30011 SVC-W5			35869:44:785F	03-104/09:09:23	1TI
37	104 21:16:40	31			CC6AP	FDS PWR CONV A SEL			35869:44:785F	03-104/09:09:23	1TI
38	104 21:16:40	31			CC6AB	01000 SVC-W2			35869:44:785F	03-104/09:09:23	1TI
39	104 21:16:40	31			SC06BB	530070 FDS DATA MODE			35869:44:785F	03-104/09:09:23	1TI
40	104 21:16:40	31				AACS STATUS			35869:44:785F	03-104/09:09:23	1TI
41	104 21:16:40	31			AC7PCG	14 HYBIC 2 PWR ON			35869:44:785F	03-104/09:09:23	1TI
42	104 21:16:40	31			CC7ML	05 CST ON			35869:44:785F	03-104/09:09:23	1TI
43	104 21:16:40	31			AC7CTG	10 394 CST HI GATE			35869:44:785F	03-104/09:09:23	1TI
44	104 21:16:40	31			AC7CTG	11 442 CST LO GATE			35869:44:785F	03-104/09:09:23	1TI
45	104 21:16:40	31			AC7GYP	000 GYRO PATTERN			35869:44:785F	03-104/09:09:23	1TI
46	104 21:16:40	31			AC7PCG	52 GYRO A OFF			35869:44:785F	03-104/09:09:23	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	104 21:16:40	31			AC7PCG	62 GYRO B OFF			35869:44:785F	03-104/09:09:23	1TI
48	104 21:16:40	31			AC7PCG	72 GYRO C OFF			35869:44:785F	03-104/09:09:23	1TI
49	104 21:16:40	31			AC7PAR	7530 000000 GYRO OFF NORM			35869:44:785F	03-104/09:09:23	1TI
50	104 21:16:40	31			AC7PAR	6740 000740 PITCH DEADBAND			35869:44:785F	03-104/09:09:23	1TI
51	104 21:16:40	31			AC7PAR	6741 001700 YAW DEADBAND			35869:44:785F	03-104/09:09:23	1TI
52	104 21:16:40	31			AC7PAR	6742 004540 ROLL DEADBAND			35869:44:785F	03-104/09:09:23	1TI
53	104 21:16:40	31			DEADBAND	DEAD BAND STATE: 05 10 05			35869:44:785F	03-104/09:09:23	1TI
54	104 21:16:40	31			CC7SS	1 AACS TO RAI			35869:44:785F	03-104/09:09:23	1TI
55	104 21:16:40	31			CC7CT	01 CST CONE ANGLE 1			35869:44:785F	03-104/09:09:23	1TI
56	104 21:16:40	31			AC7DDB	000480 DEAD BAND CONTROL			35869:44:785F	03-104/09:09:23	1TI
57	104 21:16:40	31			CC7AHRP	SS HTR A OFF			35869:44:785F	03-104/09:09:23	1TI
58	104 21:16:40	31			CC7BHP	SS HTR B ON			35869:44:785F	03-104/09:09:23	1TI
59	104 21:16:40	31			CC7ML	01 FDS CHAN A			35869:44:785F	03-104/09:09:23	1TI
60	104 21:16:40	31			CC7ML	09 TCAPU FAULT ENA			35869:44:785F	03-104/09:09:23	1TI
61	104 21:16:40	31			AC7PCG	61 AACS BAY 6 HTR A OFF			35869:44:785F	03-104/09:09:23	1TI
62	104 21:16:40	31			AC7PCG	71 AACS BAY 6 HTR B OFF			35869:44:785F	03-104/09:09:23	1TI
63	104 21:16:40	31			CC7MMRP	PROC/MEM 2 SELECT			35869:44:785F	03-104/09:09:23	1TI
64	104 21:16:40	31			CC7SHP	AZ SCAN ACTUATOR HTR ON			35869:44:785F	03-104/09:09:23	1TI
65	104 21:16:40	31			AC7PCG	22 CST SUN SHUTTER OFF			35869:44:785F	03-104/09:09:23	1TI
66	104 21:16:40	31			AC7PCG	10 ISO VALVE BRANCH 1 OFF			35869:44:785F	03-104/09:09:23	1TI
67	104 21:16:40	31			AC7PCG	20 ISO VALVE BRANCH 2 OFF			35869:44:785F	03-104/09:09:23	1TI
68	104 21:16:40	31			CC1PHP	SCAN PLAT SUPL HTR ON			35869:44:785F	03-104/09:09:23	1TI
69	104 21:16:40	31			CC77MRP	MAM OFF			35869:44:785F	03-104/09:09:23	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
70	104 21:16:40	31			DC77PR	NON-PRIME FCP/MEM OFF			35869:44:785F	03-104/09:09:23	1TI
71	104 21:16:40	31			DC77XR	MAM COMMAND DISABLE			35869:44:785F	03-104/09:09:23	1TI
72	104 21:16:40	31				PYRO STATUS			35869:44:785F	03-104/09:09:23	1TI
73	104 21:16:40	31			CC8D	PSU INSTRUMENTATION ON			35869:44:785F	03-104/09:09:23	1TI
74	104 21:16:40	31			DC8XR	PYRO DISABLE			35869:44:785F	03-104/09:09:23	1TI
75	104 21:16:40	31				PROPULSION STATUS			35869:44:785F	03-104/09:09:23	1TI
76	104 21:16:40	31			CC10CRP	TCM HTR OFF			35869:44:785F	03-104/09:09:23	1TI
77	104 21:16:40	31			CC10DR	AP BR1 HTR OFF			35869:44:785F	03-104/09:09:23	1TI
78	104 21:16:40	31			CC10ER	AP BR2 HTR OFF			35869:44:785F	03-104/09:09:23	1TI
79	104 21:16:40	31			CC10TRP	TCM LINE HTRS OFF			35869:44:785F	03-104/09:09:23	1TI
80	104 21:16:40	31				DSS STATUS			35869:44:785F	03-104/09:09:23	1TI
81	104 21:16:40	31			CC16BR	DSS 10 W REPL HTR OFF			35869:44:785F	03-104/09:09:23	1TI
82	104 21:16:40	31			CC16AP	DSS ON			35869:44:785F	03-104/09:09:23	1TI
83	104 21:16:40	31			CC1DR	BAY 2 19 W HTR OFF			35869:44:785F	03-104/09:09:23	1TI
84	104 21:16:40	31			CC16C	7213 DSS CONTROL			35869:44:785F	03-104/09:09:23	1TI
85	104 21:16:40	31				SCIENCE PWR STATUS			35869:44:785F	03-104/09:09:23	1TI
86	104 21:16:40	31			CC1CR	MAG COIL OFF			35869:44:785F	03-104/09:09:23	1TI
87	104 21:16:40	31			CC21A	CRS ON			35869:44:785F	03-104/09:09:23	1TI
88	104 21:16:40	31			CC21B	CRS REPL HTR ON			35869:44:785F	03-104/09:09:23	1TI
89	104 21:16:40	31			CC21CR	CRS SUPP HTR OFF			35869:44:785F	03-104/09:09:23	1TI
90	104 21:16:40	31			CC22A	PRA ON			35869:44:785F	03-104/09:09:23	1TI
91	104 21:16:40	31			CC23A	PWS ON			35869:44:785F	03-104/09:09:23	1TI
92	104 21:16:40	31			CC25A	LECP ON			35869:44:785F	03-104/09:09:23	1TI

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT 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	104 21:16:40	31			CC25B	LECP STEPPER MOTOR ON			35869:44:785F	03-104/09:09:23	1TI
94	104 21:16:40	31			CC25CR	LECP REPL HTR OFF			35869:44:785F	03-104/09:09:23	1TI
95	104 21:16:40	31			CC25D	LECP MAIN SUPP HTR ON			35869:44:785F	03-104/09:09:23	1TI
96	104 21:16:40	31			CC25E	LECP LEPT SUPP HTR ON			35869:44:785F	03-104/09:09:23	1TI
97	104 21:16:40	31			CC27BR	PPS SUPP HTR OFF			35869:44:785F	03-104/09:09:23	1TI
98	104 21:16:40	31			CC32AR	PLS OFF			35869:44:785F	03-104/09:09:23	1TI
99	104 21:16:40	31			CC32BR	PLS SUPP HTR OFF			35869:44:785F	03-104/09:09:23	1TI
100	104 21:16:40	31			CC32C	PLS REPL HTR ON			35869:44:785F	03-104/09:09:23	1TI
101	104 21:16:40	31			CC34A	UVS ON			35869:44:785F	03-104/09:09:23	1TI
102	104 21:16:40	31			CC34B	UVS REPL HTR ON			35869:44:785F	03-104/09:09:23	1TI
103	104 21:16:40	31			CC35AR	MAG OFF			35869:44:785F	03-104/09:09:23	1TI
104	104 21:16:40	31			CC35B	MAG STANDBY ON			35869:44:785F	03-104/09:09:23	1TI
105	104 21:16:40	31			CC35GR	MAG SENSOR HTR OFF			35869:44:785F	03-104/09:09:23	1TI
106	104 21:16:40	31			CC36GR	ISS WA VID REPL HTR OFF			35869:44:785F	03-104/09:09:23	1TI
107	104 21:16:40	31			CC36HR	ISS WA ELEC REPL HTR OFF			35869:44:785F	03-104/09:09:23	1TI
108	104 21:16:40	31			CC36CRP	ISS NA OPTICS HTR OFF			35869:44:785F	03-104/09:09:23	1TI
109	104 21:16:40	31			CC36FRP	ISS NA VID REPL HTR OFF			35869:44:785F	03-104/09:09:23	1TI
110	104 21:16:40	31			CC36JP	ISS NA ELEC REPL HTR ON			35869:44:785F	03-104/09:09:23	1TI
111	104 21:16:40	31			CC39D	IRIS REPL HTR ON			35869:44:785F	03-104/09:09:23	1TI
112	104 21:16:40	31			CC39FR	IRIS STANDBY A SUPPLY OFF			35869:44:785F	03-104/09:09:23	1TI
113	104 21:16:40	31			CC39BR	IRIS STANDBY B SUPPLY OFF			35869:44:785F	03-104/09:09:23	1TI
114	104 21:16:40	31				SCIENCE INSTRUMENT STATUS			35869:44:785F	03-104/09:09:23	1TI
115	104 21:16:40	31			SC21AF	01000 CRS CMD WORD			35869:44:785F	03-104/09:09:23	1TI

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT 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	104 21:16:40	31			SC21AF	02000 CRS CMD WORD			35869:44:785F	03-104/09:09:23	1TI
117	104 21:16:40	31			SC21AF	03000 CRS CMD WORD			35869:44:785F	03-104/09:09:23	1TI
118	104 21:16:40	31			SC21AF	04000 CRS CMD WORD			35869:44:785F	03-104/09:09:23	1TI
119	104 21:16:40	31			SC21AF	05300 CRS CMD WORD			35869:44:785F	03-104/09:09:23	1TI
120	104 21:16:40	31			SC21AF	06000 CRS CMD WORD			35869:44:785F	03-104/09:09:23	1TI
121	104 21:16:40	31			SC21AF	07200 CRS CMD WORD			35869:44:785F	03-104/09:09:23	1TI
122	104 21:16:40	31			SC21AF	08200 CRS CMD WORD			35869:44:785F	03-104/09:09:23	1TI
123	104 21:16:40	31			SC21AF	10000 CRS CMD WORD			35869:44:785F	03-104/09:09:23	1TI
124	104 21:16:40	31			SC21AF	11000 CRS CMD WORD			35869:44:785F	03-104/09:09:23	1TI
125	104 21:16:40	31			SC21AF	12000 CRS CMD WORD			35869:44:785F	03-104/09:09:23	1TI
126	104 21:16:40	31			SC21AF	13012 CRS CMD WORD			35869:44:785F	03-104/09:09:23	1TI
127	104 21:16:40	31			SC21AG	CRS HV FLAG			35869:44:785F	03-104/09:09:23	1TI
128	104 21:16:40	31			SC21AH	CRS CAL-ST FLAG			35869:44:785F	03-104/09:09:23	1TI
129	104 21:16:40	31			SC22AF	1347 PRA CONFIGURATION CMD			35869:44:785F	03-104/09:09:23	1TI
130	104 21:16:40	31			SC22NU	0000 PRA MODE SELECT			35869:44:785F	03-104/09:09:23	1TI
131	104 21:16:40	31			SC23AD	5 PWS CMD WORD			35869:44:785F	03-104/09:09:23	1TI
132	104 21:16:40	31			SC25AH	1777 LECP CMD WORD			35869:44:785F	03-104/09:09:23	1TI
133	104 21:16:40	31			SC25AH	2417 LECP CMD WORD			35869:44:785F	03-104/09:09:23	1TI
134	104 21:16:40	31			SC25AH	5600 LECP CMD WORD			35869:44:785F	03-104/09:09:23	1TI
135	104 21:16:40	31			SC25AH	6032 LECP CMD WORD			35869:44:785F	03-104/09:09:23	1TI
136	104 21:16:40	31			SC25AJ	1 LECP MOTOR STEP CMD			35869:44:785F	03-104/09:09:23	1TI
137	104 21:16:40	31			SC25AN	0 LECP NEAR/FAR ENC			35869:44:785F	03-104/09:09:23	1TI
138	104 21:16:40	31			SC25AQ	5200 LECP SAFE CMD			35869:44:785F	03-104/09:09:23	1TI

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT 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	104 21:16:40	31			SC32AF	2 PLS E1 INT/AMP GAIN			35869:44:785F	03-104/09:09:23	1TI
140	104 21:16:40	31			SC32AG	2 PLS E2 INT/AMP GAIN			35869:44:785F	03-104/09:09:23	1TI
141	104 21:16:40	31			SC32AH	3 PLS M INT/AMP GAIN			35869:44:785F	03-104/09:09:23	1TI
142	104 21:16:40	31			SC32AJ	11 PLS CONFIG CMD			35869:44:785F	03-104/09:09:23	1TI
143	104 21:16:40	31			SC32AK	2 PLS L INT/AMP GAIN			35869:44:785F	03-104/09:09:23	1TI
144	104 21:16:40	31			SC32AL	216 PLS M START WORD 1			35869:44:785F	03-104/09:09:23	1TI
145	104 21:16:40	31			SC32AM	216 PLS M START WORD 2			35869:44:785F	03-104/09:09:23	1TI
146	104 21:16:40	31			SC32AN	2 PLS M MODE			35869:44:785F	03-104/09:09:23	1TI
147	104 21:16:40	31			SC32AP	3 PLS E1 SHRT			35869:44:785F	03-104/09:09:23	1TI
148	104 21:16:40	31			SC32AQ	3 PLS E2 SHRT			35869:44:785F	03-104/09:09:23	1TI
149	104 21:16:40	31			SC32AR	3 PLS L SHORT			35869:44:785F	03-104/09:09:23	1TI
150	104 21:16:40	31			SC32AS	2 PLS E1 LONG			35869:44:785F	03-104/09:09:23	1TI
151	104 21:16:40	31			SC32AT	2 PLS E2 LONG			35869:44:785F	03-104/09:09:23	1TI
152	104 21:16:40	31			SC32AU	2 PLS L LONG			35869:44:785F	03-104/09:09:23	1TI
153	104 21:16:40	31			SC34AE	13 UVS MODE/HV LEVEL			35869:44:785F	03-104/09:09:23	1TI
154	104 21:16:40	31			SC34AF	0 UVS READ OUT FLAG			35869:44:785F	03-104/09:09:23	1TI
155	104 21:16:40	31			SC35AI	030001 MAG HFM/EL FLIP/IFC/LFM			35869:44:785F	03-104/09:09:23	1TI
156	104 21:16:40	31			SC35AO	030001 MAG HFM/PRIME/IFC/LFM RAN			35869:44:785F	03-104/09:09:23	1TI
157	104 21:16:41	31				BEGIN SEQUENCE A047 -- LOCK STAR			35869:45:001F	03-104/09:09:23	1T
158	104 22:01:29	31	60RISE			10.2 DEGREE RISE DSC-60					1V
159	104 22:08:39	31	40 SET			10.2 DEGREE SET DSC-40					1V
160	104 22:50:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9378 (U/L PASS)					1DP
161	105 00:00:00	31				VGR-31 OWLT IS 12H 07M 16S					1L



FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT 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	105 02:50:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9378					1DP
163	105 05:34:14	31	10RISE			10.2 DEGREE RISE DSC-10					1V
164	105 06:20:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9379 (D/L ONLY)					1DP
165	105 06:20:00	31				CFG CODES					1DP
166	105 08:00:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9379 (D/L ONLY)					1DP
167	105 08:00:00	31				CFG CODES					1DP
168	105 09:09:20	31	60 SET			15.3 DEGREE SET DSC-60					1V
169	105 12:00:00	31				VGR-31 OWLT IS 12H 07M 16S					1L
170	105 13:02:34	31	40RISE			10.2 DEGREE RISE DSC-40					1V
171	105 14:45:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9379					1DP
172	105 14:45:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9379					1DP
173	105 17:02:03	31	10 SET			10.2 DEGREE SET DSC-10					1V
174	105 18:44:28	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
175	105 18:44:28	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
176	105 18:45:16	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
177	105 18:45:16	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
178	105 18:47:52	31				BEGIN PWSREC.31			35896:39:001F	03-105/06:40:35	1T
179	105 18:47:52	31			SC32AJ	(10) PLS CONFIG CMD	FDS		35896:39:009F	03-105/06:40:36	1ECf

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
180	105 18:48:40	31				B- DRGS4B			35896:40:001F	03-105/06:41:23	1TB
181	105 18:48:40	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		35896:40:009F	03-105/06:41:24	1ECf
182	105 18:49:24	31				BEGIN RECORDING PWS DATA			35896:40:734F	03-105/06:42:07	1T
183	105 18:49:24	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		35896:40:735F	03-105/06:42:08	1ECd
184	105 18:49:24	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:3 TIC:0848	DTR		35896:40:735F	03-105/06:42:08	1ESd
185	105 18:49:28	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	35896:41:001F	03-105/06:42:11	1ESf
186	105 18:49:28	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		35896:41:002F	03-105/06:42:12	1ECs
187	105 18:49:29	31				B- DRCRUS			35896:41:018F	03-105/06:42:12	1TB
188	105 18:49:29	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		35896:41:026F	03-105/06:42:13	1ECf
189	105 18:50:16	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	35896:42:001F	03-105/06:42:59	1ESf
190	105 18:50:16	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		35896:42:002F	03-105/06:43:00	1ECd

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
191	105 18:50:16	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:1141	DTR		35896:42:002F	03-105/06:43:00	1ESd
192	105 18:50:16	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		35896:42:002F	03-105/06:43:00	1ECs
193	105 18:51:04	31			SC32AJ	(11) PLS CONFIG CMD	FDS		35896:43:010F	03-105/06:43:48	1ECF
194	105 18:51:05	31				END PWSREC.31			35896:43:018F	03-105/06:43:48	1T
195	105 21:57:30	31	60RISE			10.2 DEGREE RISE DSC-60					1V
196	105 22:04:41	31	40 SET			10.2 DEGREE SET DSC-40					1V
197	106 00:00:00	31				VGR-31 OWLT IS 12H 07M 16S					1L
198	106 00:10:00	31	54 AOS	OPCH ACE		AOS DSS-54 PASS-9379 (D/L ONLY)					1DP
199	106 00:10:00	31				CFG CODES					1DP
200	106 04:30:00	31	54 LOS	OPCH ACE		LOS DSS-54 PASS-9379					1DP
201	106 05:30:16	31	10RISE			10.2 DEGREE RISE DSC-10					1V
202	106 06:41:28	31			AC7SSB	(4 +156) SS BIAS CONTROL --- YAW	AACS		35911:31:003F	03-105/18:34:12	1ECa
203	106 09:05:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9380 (U/L PASS)					1DP
204	106 09:05:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9380 (U/L PASS)					1DP
205	106 09:05:21	31	60 SET			15.3 DEGREE SET DSC-60					1V
206	106 12:00:00	31				VGR-31 OWLT IS 12H 07M 16S					1L
207	106 12:58:37	31	40RISE			10.2 DEGREE RISE DSC-40					1V
208	106 16:58:06	31	10 SET			10.2 DEGREE SET DSC-10					1V
209	106 17:05:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9380					1DP

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
210	106 17:10:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9380					1DP
211	106 21:53:32	31	60RISE			10.2 DEGREE RISE DSC-60					1V
212	106 22:00:42	31	40 SET			10.2 DEGREE SET DSC-40					1V
213	107 00:00:00	31				VGR-31 OWLT IS 12H 07M 16S					1L
214	107 05:26:18	31	10RISE			10.2 DEGREE RISE DSC-10					1V
215	107 06:15:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9381 (D/L ONLY)					1DP
216	107 06:15:00	31				CFG CODES					1DP
217	107 07:00:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9381 (D/L ONLY)					1DP
218	107 07:00:00	31				CFG CODES					1DP
219	107 09:01:19	31	60 SET			15.3 DEGREE SET DSC-60					1V
220	107 12:00:00	31				VGR-31 OWLT IS 12H 07M 16S					1L
221	107 12:54:41	31	40RISE			10.2 DEGREE RISE DSC-40					1V
222	107 15:05:16	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN D/L CARRIER SIG LEVEL					11EC
223	107 15:10:16	31			DC2HR	X-BAND TWT LOW POWER	RFS		35952:07:002F	03-107/03:02:59	1ECr
224	107 15:14:16	31			CC1T	BAY 1 HTR ON	PWR		35952:12:001F	03-107/03:06:59	1ECp
225	107 16:05:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9381					1DP
226	107 16:05:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9381					1DP
227	107 16:54:10	31	10 SET			10.2 DEGREE SET DSC-10					1V
228	107 21:49:33	31	60RISE			10.2 DEGREE RISE DSC-60					1V
229	107 21:56:43	31	40 SET			10.2 DEGREE SET DSC-40					1V
230	107 23:00:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9381 (U/L PASS)					1DP
231	108 00:00:00	31				VGR-31 OWLT IS 12H 07M 16S					1L

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
232	108 03:00:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9381					1DP
233	108 05:22:19	31	10RISE			10.2 DEGREE RISE DSC-10					1V
234	108 06:10:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9382 (D/L ONLY)					1DP
235	108 06:10:00	31				CFG CODES					1DP
236	108 06:10:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9382 (D/L ONLY)					1DP
237	108 06:10:00	31				CFG CODES					1DP
238	108 08:57:20	31	60 SET			15.3 DEGREE SET DSC-60					1V
239	108 12:00:00	31				VGR-31 OWLT IS 12H 07M 16S					1L
240	108 12:50:45	31	40RISE			10.2 DEGREE RISE DSC-40					1V
241	108 14:45:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9382					1DP
242	108 16:00:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9382					1DP
243	108 16:50:13	31	10 SET			10.2 DEGREE SET DSC-10					1V
244	108 21:45:34	31	60RISE			10.2 DEGREE RISE DSC-60					1V
245	108 21:47:04	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		35990:23:002F	03-108/09:39:48	1ECd
246	108 21:47:04	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1147	DTR		35990:23:002F	03-108/09:39:48	1ESd
247	108 21:47:32	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		35990:23:472F	03-108/09:40:16	1ECd
248	108 21:47:32	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1158	DTR		35990:23:472F	03-108/09:40:16	1ESd
249	108 21:52:45	31	40 SET			10.2 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT 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	108 23:55:00	31	54 AOS	OPCH ACE		AOS DSS-54 PASS-9382 (D/L ONLY)					1DP
251	108 23:55:00	31				CFG CODES					1DP
252	109 00:00:00	31				VGR-31 OWLT IS 12H 07M 16S					1L
253	109 00:44:28	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
254	109 00:44:28	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
255	109 00:45:16	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
256	109 00:45:16	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
257	109 00:47:04	31			CC16C	(7017) DTR STATE SELECT: READY	DTR		35994:08:002F	03-108/12:39:48	1ECd
258	109 00:47:04	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:1158	DTR		35994:08:002F	03-108/12:39:48	1ESd
259	109 00:47:52	31				AHEL11 PWSREC 13			35994:09:001F	03-108/12:40:35	1T
260	109 00:47:52	31				B- PWSREC.31			35994:09:001F	03-108/12:40:35	1TB
261	109 00:47:52	31				BEGIN PWSREC.31			35994:09:001F	03-108/12:40:35	1T
262	109 00:47:52	31			SC32AJ	(10) PLS CONFIG CMD	FDS		35994:09:009F	03-108/12:40:36	1ECf
263	109 00:48:40	31				B- DRGS4B			35994:10:001F	03-108/12:41:23	1TB
264	109 00:48:40	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		35994:10:009F	03-108/12:41:24	1ECf

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
265	109 00:49:24	31				BEGIN RECORDING PWS DATA			35994:10:734F	03-108/12:42:07	1T
266	109 00:49:24	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		35994:10:735F	03-108/12:42:08	1ECd
267	109 00:49:24	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:1158	DTR		35994:10:735F	03-108/12:42:08	1ESd
268	109 00:49:28	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	35994:11:001F	03-108/12:42:11	1ESf
269	109 00:49:28	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		35994:11:002F	03-108/12:42:12	1ECs
270	109 00:49:29	31				B- DRCRUS			35994:11:018F	03-108/12:42:12	1TB
271	109 00:49:29	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		35994:11:026F	03-108/12:42:13	1ECf
272	109 00:50:16	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	35994:12:001F	03-108/12:42:59	1ESF
273	109 00:50:16	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		35994:12:002F	03-108/12:43:00	1ECd
274	109 00:50:16	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:1450	DTR		35994:12:002F	03-108/12:43:00	1ESd

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
275	109 00:50:16	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		35994:12:002F	03-108/12:43:00	1ECs
276	109 00:51:04	31			SC32AJ	(11) PLS CONFIG CMD	FDS		35994:13:009F	03-108/12:43:48	1ECf
277	109 00:51:05	31				END PWSREC.31			35994:13:018F	03-108/12:43:48	1T
278	109 01:00:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9382 (D/L ONLY)					1DP
279	109 01:00:00	31				CFG CODES					1DP
280	109 02:56:40	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		35996:50:002F	03-108/14:49:24	1ECd
281	109 02:56:40	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:1457	DTR		35996:50:002F	03-108/14:49:24	1ESd
282	109 03:10:59	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		35997:07:717F	03-108/15:03:42	1ECd
283	109 03:10:59	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1147	DTR		35997:07:717F	03-108/15:03:42	1ESd
284	109 05:18:21	31	10RISE			10.2 DEGREE RISE DSC-10					1V
285	109 05:25:00	31	54 LOS	OPCH ACE		LOS DSS-54 PASS-9382					1DP
286	109 05:56:40	31			CC16C	(7013) DTR STATE SELECT: READY	DTR		36000:35:002F	03-108/17:49:24	1ECd
287	109 05:56:40	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:1147	DTR		36000:35:002F	03-108/17:49:24	1ESd
288	109 08:15:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9383 (D/L ONLY)					1DP
289	109 08:15:00	31				CFG CODES					1DP



FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
290	109 08:15:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9383 (D/L ONLY)					1DP
291	109 08:15:00	31				CFG CODES					1DP
292	109 08:35:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9382					1DP
293	109 08:53:21	31	60 SET			15.3 DEGREE SET DSC-60					1V
294	109 12:00:00	31				VGR-31 OWLT IS 12H 07M 16S					1L
295	109 12:46:48	31	40RISE			10.2 DEGREE RISE DSC-40					1V
296	109 16:00:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9383					1DP
297	109 16:00:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9383					1DP
298	109 16:46:17	31	10 SET			10.2 DEGREE SET DSC-10					1V
299	109 21:41:36	31	60RISE			10.2 DEGREE RISE DSC-60					1V
300	109 21:48:46	31	40 SET			10.2 DEGREE SET DSC-40					1V
301	110 00:00:00	31				VGR-31 OWLT IS 12H 07M 16S					1L
302	110 05:14:23	31	10RISE			10.2 DEGREE RISE DSC-10					1V
303	110 06:05:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9384 (D/L ONLY)					1DP
304	110 06:05:00	31				CFG CODES					1DP
305	110 06:05:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9384 (D/L ONLY)					1DP
306	110 06:05:00	31				CFG CODES					1DP
307	110 08:49:22	31	60 SET			15.3 DEGREE SET DSC-60					1V
308	110 11:07:52	31				B- UVSLEW			36037:04:001F	03-109/23:00:35	1TB
309	110 11:07:52	31				SLEW TO HELIO-1B			36037:04:001F	03-109/23:00:35	1T
310	110 11:07:52	31				B- PLATPOB			36037:04:001F	03-109/23:00:35	1TB
311	110 11:07:52	31			AC7SPK	(2 12 1 228 134) AZ SLEW R=LOW	AACS		36037:04:003F	03-109/23:00:36	1ECa

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT 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	110 11:07:52	31			AC7SPK	(1 12 1 131 042) EL SLEW R=LOW	AACS		36037:04:005F	03-109/23:00:36	1ECa
313	110 11:11:11	31				B- SLEND			36037:08:118F	03-109/23:03:54	1TB
314	110 11:11:11	31			SLEWEND	AZ=309.982 EL=85.008 CO=89.920			36037:08:118F	03-109/23:03:54	1T
315	110 12:00:00	31				VGR-31 OWLT IS 12H 07M 16S					1L
316	110 12:42:52	31	40RISE			10.2 DEGREE RISE DSC-40					1V
317	110 15:55:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9384					1DP
318	110 15:55:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9384					1DP
319	110 16:42:20	31	10 SET			10.2 DEGREE SET DSC-10					1V
320	110 20:51:04	31			AC7SSB	(4 +155) SS BIAS CONTROL --- YAW	AACS		36049:13:003F	03-110/08:43:48	1ECa
321	110 21:37:37	31	60RISE			10.2 DEGREE RISE DSC-60					1V
322	110 21:44:48	31	40 SET			10.2 DEGREE SET DSC-40					1V
323	111 00:00:00	31				VGR-31 OWLT IS 12H 07M 16S					1L
324	111 05:10:24	31	10RISE			10.2 DEGREE RISE DSC-10					1V
325	111 05:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9384 (D/L ONLY)					1DP
326	111 05:45:00	31				CFG CODES					1DP
327	111 05:50:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9385 (D/L ONLY)					1DP
328	111 05:50:00	31				CFG CODES					1DP
329	111 08:25:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9384					1DP
330	111 08:45:23	31	60 SET			15.3 DEGREE SET DSC-60					1V
331	111 09:50:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9385					1DP
332	111 11:07:52	31				B- UVSLEW			36067:04:001F	03-110/23:00:35	1TB
333	111 11:07:52	31				SLEW TO HELIO-2B			36067:04:001F	03-110/23:00:35	1T

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT 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	111 11:07:52	31				B- PLATPOB			36067:04:001F	03-110/23:00:35	1TB
335	111 11:07:52	31			AC7SPK	(1 12 2 124 085) EL SLEW R=LOW	AACS		36067:04:003F	03-110/23:00:36	1ECa
336	111 11:07:52	31			AC7SPK	(2 12 2 232 178) AZ SLEW R=LOW	AACS		36067:04:005F	03-110/23:00:36	1ECa
337	111 11:11:00	31				B- SLEND			36067:07:734F	03-110/23:03:43	1TB
338	111 11:11:00	31			SLEWEND	AZ=314.972 EL=95.018 CO=100.357			36067:07:734F	03-110/23:03:43	1T
339	111 12:00:00	31				VGR-31 OWLT IS 12H 07M 16S					1L
340	111 12:38:56	31	40RISE			10.2 DEGREE RISE DSC-40					1V
341	111 16:38:24	31	10 SET			10.2 DEGREE SET DSC-10					1V
342	111 21:25:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9385 (D/L ONLY)					1DP
343	111 21:25:00	31				CFG CODES					1DP
344	111 21:33:39	31	60RISE			10.2 DEGREE RISE DSC-60					1V
345	111 21:40:49	31	40 SET			10.2 DEGREE SET DSC-40					1V
346	112 00:00:00	31				VGR-31 OWLT IS 12H 07M 16S					1L
347	112 01:25:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9385					1DP
348	112 05:06:26	31	10RISE			10.2 DEGREE RISE DSC-10					1V
349	112 05:55:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9386 (D/L ONLY)					1DP
350	112 05:55:00	31				CFG CODES					1DP
351	112 08:41:24	31	60 SET			15.3 DEGREE SET DSC-60					1V
352	112 11:07:52	31				B- UVSLEW			36097:04:001F	03-111/23:00:35	1TB
353	112 11:07:52	31				SLEW TO HELIO-3B			36097:04:001F	03-111/23:00:35	1T
354	112 11:07:52	31				B- PLATPOB			36097:04:001F	03-111/23:00:35	1TB
355	112 11:07:52	31			AC7SPK	(1 12 1 117 129) EL SLEW R=LOW	AACS		36097:04:003F	03-111/23:00:36	1ECa

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT 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	112 11:07:52	31			AC7SPK	(2 12 2 235 091) AZ SLEW R=LOW	AACS		36097:04:005F	03-111/23:00:36	1ECa
357	112 11:11:00	31				B- SLEND			36097:07:734F	03-111/23:03:43	1TB
358	112 11:11:00	31			SLEWEND	AZ=319.986 EL=105.033 CO=110.756			36097:07:734F	03-111/23:03:43	1T
359	112 12:00:00	31				VGR-31 OWLT IS 12H 07M 16S					1L
360	112 12:34:59	31	40RISE			10.2 DEGREE RISE DSC-40					1V
361	112 14:45:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9386					1DP
362	112 16:34:27	31	10 SET			10.2 DEGREE SET DSC-10					1V
363	112 18:20:28	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
364	112 18:20:28	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
365	112 18:21:16	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
366	112 18:21:16	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
367	112 18:23:52	31				BEGIN PWSREC.31			36106:09:001F	03-112/06:16:35	1T
368	112 18:23:52	31			SC32AJ	(10) PLS CONFIG CMD	FDS		36106:09:010F	03-112/06:16:36	1ECf
369	112 18:24:40	31				B- DRGS4B			36106:10:001F	03-112/06:17:23	1TB
370	112 18:24:40	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		36106:10:009F	03-112/06:17:24	1ECf
371	112 18:25:24	31				BEGIN RECORDING PWS DATA			36106:10:734F	03-112/06:18:07	1T
372	112 18:25:24	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		36106:10:735F	03-112/06:18:08	1ECd

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
373	112 18:25:24	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:3 TIC:1147	DTR		36106:10:735F	03-112/06:18:08	1ESd
374	112 18:25:28	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	36106:11:001F	03-112/06:18:11	1ESf
375	112 18:25:28	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		36106:11:002F	03-112/06:18:12	1ECs
376	112 18:25:29	31				B- DRCRUS			36106:11:018F	03-112/06:18:12	1TB
377	112 18:25:29	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		36106:11:026F	03-112/06:18:13	1ECf
378	112 18:26:16	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	36106:12:001F	03-112/06:18:59	1ESf
379	112 18:26:16	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		36106:12:002F	03-112/06:19:00	1ECd
380	112 18:26:16	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:1440	DTR		36106:12:002F	03-112/06:19:00	1ESd
381	112 18:26:16	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		36106:12:002F	03-112/06:19:00	1ECs

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT 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	112 18:27:04	31			SC32AJ	(11) PLS CONFIG CMD	FDS		36106:13:010F	03-112/06:19:48	1ECf
383	112 18:27:05	31				END PWSREC.31			36106:13:018F	03-112/06:19:48	1T
384	112 21:29:40	31	60RISE			10.2 DEGREE RISE DSC-60					1V
385	112 21:36:50	31	40 SET			10.2 DEGREE SET DSC-40					1V
386	113 00:00:00	31				VGR-31 OWLT IS 12H 07M 16S					1L
387	113 05:02:27	31	10RISE			10.2 DEGREE RISE DSC-10					1V
388	113 05:50:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9387 (D/L ONLY)					1DP
389	113 05:50:00	31				CFG CODES					1DP
390	113 08:37:25	31	60 SET			15.3 DEGREE SET DSC-60					1V
391	113 11:07:52	31				B- UVSLEW			36127:04:001F	03-112/23:00:35	1TB
392	113 11:07:52	31				SLEW TO HELIO-4B			36127:04:001F	03-112/23:00:35	1T
393	113 11:07:52	31				B- PLATPOB			36127:04:001F	03-112/23:00:35	1TB
394	113 11:07:52	31			AC7SPK	(1 12 1 110 041) EL SLEW R=LOW	AACS		36127:04:003F	03-112/23:00:36	1ECa
395	113 11:07:52	31			AC7SPL	(2 12 1 255 222) AZ SLEW R=LOW	AACS		36127:04:005F	03-112/23:00:36	1ECa
396	113 11:10:05	31				B- SLEND			36127:06:618F	03-112/23:02:48	1TB
397	113 11:10:05	31			SLEWEND	AZ=319.958 EL=115.006 CO=120.698			36127:06:618F	03-112/23:02:48	1T
398	113 12:00:00	31				VGR-31 OWLT IS 12H 07M 16S					1L
399	113 12:31:03	31	40RISE			10.2 DEGREE RISE DSC-40					1V
400	113 15:40:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9387					1DP
401	113 16:30:30	31	10 SET			10.2 DEGREE SET DSC-10					1V
402	113 18:26:16	31			AC7SSB	(3 -009) SS BIAS CONTROL - PITCH	AACS		36136:12:003F	03-113/06:19:00	1ECa
403	113 21:25:41	31	60RISE			10.2 DEGREE RISE DSC-60					1V
404	113 21:32:52	31	40 SET			10.2 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
405	114 00:00:00	31				VGR-31 OWLT IS 12H 07M 16S					1L
406	114 04:58:29	31	10RISE			10.2 DEGREE RISE DSC-10					1V
407	114 08:33:26	31	60 SET			15.4 DEGREE SET DSC-60					1V
408	114 11:07:52	31				B- UVSLEW			36157:04:001F	03-113/23:00:35	1TB
409	114 11:07:52	31				SLEW TO HELIO-5B			36157:04:001F	03-113/23:00:35	1T
410	114 11:07:52	31				B- PLATPOA			36157:04:001F	03-113/23:00:35	1TB
411	114 11:07:52	31			AC7SPK	(1 12 2 103 083) EL SLEW R=LOW	AACS		36157:04:003F	03-113/23:00:36	1ECa
412	114 11:10:00	31				B- SLEND			36157:06:534F	03-113/23:02:43	1TB
413	114 11:10:00	31			SLEWEND	AZ=319.958 EL=125.014 CO=130.645			36157:06:534F	03-113/23:02:43	1T
414	114 12:00:00	31				VGR-31 OWLT IS 12H 07M 17S					1L
415	114 12:25:00	31	43 AOS	OPCH ACE		AOS DSS-43 PASS-9388 (U/L PASS)					1DP
416	114 12:27:06	31	40RISE			10.2 DEGREE RISE DSC-40					1V
417	114 16:26:33	31	10 SET			10.2 DEGREE SET DSC-10					1V
418	114 16:30:00	31	43 LOS	OPCH ACE		LOS DSS-43 PASS-9388					1DP
419	114 21:21:43	31	60RISE			10.2 DEGREE RISE DSC-60					1V
420	114 21:28:53	31	40 SET			10.2 DEGREE SET DSC-40					1V
421	115 00:00:00	31				VGR-31 OWLT IS 12H 07M 17S					1L
422	115 01:35:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9388 (D/L ONLY)					1DP
423	115 01:35:00	31				CFG CODES					1DP
424	115 04:54:30	31	10RISE			10.2 DEGREE RISE DSC-10					1V
425	115 08:10:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9388					1DP
426	115 08:29:27	31	60 SET			15.4 DEGREE SET DSC-60					1V
427	115 10:30:00	31	24 AOS	OPCH ACE		AOS DSS-24 PASS-9389 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
428	115 10:30:00	31				CFG CODES					1DP
429	115 11:00:41	31			AC7SSB	(4 +154) SS BIAS CONTROL --- YAW	AACS		36186:55:003F	03-114/22:53:24	1ECa
430	115 11:07:53	31				B- UVSLEW			36187:04:001F	03-114/23:00:35	1TB
431	115 11:07:53	31				SLEW TO HELIO-6B			36187:04:001F	03-114/23:00:35	1T
432	115 11:07:53	31				B- PLATPOA			36187:04:001F	03-114/23:00:35	1TB
433	115 11:07:53	31			AC7SPK	(1 12 1 097 163) EL SLEW R=LOW	AACS		36187:04:003F	03-114/23:00:36	1ECa
434	115 11:09:48	31				B- SLEND			36187:06:318F	03-114/23:02:30	1TB
435	115 11:09:48	31			SLEWEND	AZ=319.958 EL=133.985 CO=139.593			36187:06:318F	03-114/23:02:30	1T
436	115 12:00:00	31				VGR-31 OWLT IS 12H 07M 17S					1L
437	115 12:23:09	31	40RISE			10.2 DEGREE RISE DSC-40					1V
438	115 15:40:00	31	24 LOS	OPCH ACE		LOS DSS-24 PASS-9389					1DP
439	115 16:22:36	31	10 SET			10.2 DEGREE SET DSC-10					1V
440	115 21:17:44	31	60RISE			10.2 DEGREE RISE DSC-60					1V
441	115 21:23:05	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		36199:53:002F	03-115/09:15:48	1ECd
442	115 21:23:05	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1446	DTR		36199:53:002F	03-115/09:15:48	1ESd
443	115 21:23:33	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		36199:53:472F	03-115/09:16:16	1ECd
444	115 21:23:33	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1457	DTR		36199:53:472F	03-115/09:16:16	1ESd
445	115 21:24:54	31	40 SET			10.2 DEGREE SET DSC-40					1V
446	116 00:00:00	31				VGR-31 OWLT IS 12H 07M 17S					1L



FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
447	116 00:20:29	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
448	116 00:20:29	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
449	116 00:21:17	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
450	116 00:21:17	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
451	116 00:23:05	31			CC16C	(7017) DTR STATE SELECT: READY	DTR		36203:38:002F	03-115/12:15:48	1ECd
452	116 00:23:05	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:1457	DTR		36203:38:002F	03-115/12:15:48	1ESd
453	116 00:23:53	31				AHEL11 PWSREC 14			36203:39:001F	03-115/12:16:35	1T
454	116 00:23:53	31				B- PWSREC.31			36203:39:001F	03-115/12:16:35	1TB
455	116 00:23:53	31				BEGIN PWSREC.31			36203:39:001F	03-115/12:16:35	1T
456	116 00:23:53	31			SC32AJ	(10) PLS CONFIG CMD	FDS		36203:39:009F	03-115/12:16:36	1ECf
457	116 00:24:41	31				B- DRGS4B			36203:40:001F	03-115/12:17:23	1TB
458	116 00:24:41	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		36203:40:009F	03-115/12:17:24	1ECf
459	116 00:25:25	31				BEGIN RECORDING PWS DATA			36203:40:734F	03-115/12:18:07	1T
460	116 00:25:25	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		36203:40:735F	03-115/12:18:08	1ECd

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
461	116 00:25:25	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:1457	DTR		36203:40:735F	03-115/12:18:08	1ESd
462	116 00:25:29	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	36203:41:001F	03-115/12:18:11	1ESf
463	116 00:25:29	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		36203:41:002F	03-115/12:18:12	1ECs
464	116 00:25:30	31				B- DRCRUS			36203:41:018F	03-115/12:18:12	1TB
465	116 00:25:30	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		36203:41:026F	03-115/12:18:13	1ECf
466	116 00:26:17	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	36203:42:001F	03-115/12:18:59	1ESf
467	116 00:26:17	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		36203:42:002F	03-115/12:19:00	1ECd
468	116 00:26:17	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:1749	DTR		36203:42:002F	03-115/12:19:00	1ESd
469	116 00:26:17	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		36203:42:002F	03-115/12:19:00	1ECs

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
470	116 00:27:05	31			SC32AJ	(11) PLS CONFIG CMD	FDS		36203:43:009F	03-115/12:19:48	1ECf
471	116 00:27:06	31				END PWSREC.31			36203:43:018F	03-115/12:19:48	1T
472	116 01:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9389 (D/L ONLY)					1DP
473	116 01:30:00	31				CFG CODES					1DP
474	116 02:32:41	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		36206:20:002F	03-115/14:25:24	1ECd
475	116 02:32:41	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:1756	DTR		36206:20:002F	03-115/14:25:24	1ESd
476	116 02:47:00	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		36206:37:717F	03-115/14:39:42	1ECd
477	116 02:47:00	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1446	DTR		36206:37:717F	03-115/14:39:42	1ESd
478	116 04:50:32	31	10RISE			10.2 DEGREE RISE DSC-10					1V
479	116 05:32:41	31			CC16C	(7013) DTR STATE SELECT: READY	DTR		36210:05:002F	03-115/17:25:24	1ECd
480	116 05:32:41	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:1446	DTR		36210:05:002F	03-115/17:25:24	1ESd
481	116 07:50:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9390 (D/L ONLY)					1DP
482	116 07:50:00	31				CFG CODES					1DP
483	116 08:10:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9389					1DP
484	116 08:25:28	31	60 SET			15.4 DEGREE SET DSC-60					1V
485	116 11:07:54	31				B- UVSLEW			36217:04:001F	03-115/23:00:35	1TB

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
486	116 11:07:54	31				SLEW TO HELIO-7B			36217:04:001F	03-115/23:00:35	1T
487	116 11:07:54	31				B- PLATPOA			36217:04:001F	03-115/23:00:35	1TB
488	116 11:07:54	31			AC7SPK	(1 12 2 088 101) EL SLEW R=LOW	AACS		36217:04:003F	03-115/23:00:36	1ECa
489	116 11:10:38	31				B- SLEND			36217:07:334F	03-115/23:03:19	1TB
490	116 11:10:38	31			SLEWEND	AZ=319.958 EL=146.980 CO=152.458			36217:07:334F	03-115/23:03:19	1T
491	116 12:00:00	31				VGR-31 OWLT IS 12H 07M 18S					1L
492	116 12:19:13	31	40RISE			10.2 DEGREE RISE DSC-40					1V
493	116 15:30:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9390					1DP
494	116 16:18:40	31	10 SET			10.2 DEGREE SET DSC-10					1V
495	116 21:13:45	31	60RISE			10.2 DEGREE RISE DSC-60					1V
496	116 21:15:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9390 (D/L ONLY)					1DP
497	116 21:15:00	31				CFG CODES					1DP
498	116 21:20:55	31	40 SET			10.2 DEGREE SET DSC-40					1V
499	117 00:00:00	31				VGR-31 OWLT IS 12H 07M 18S					1L
500	117 01:15:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9390					1DP
501	117 04:46:33	31	10RISE			10.2 DEGREE RISE DSC-10					1V
502	117 06:45:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9391 (D/L ONLY)					1DP
503	117 06:45:00	31				CFG CODES					1DP
504	117 08:21:29	31	60 SET			15.4 DEGREE SET DSC-60					1V
505	117 11:07:54	31				B- UVSLEW			36247:04:001F	03-116/23:00:35	1TB
506	117 11:07:54	31				SLEW TO HELIO-8B			36247:04:001F	03-116/23:00:35	1T
507	117 11:07:54	31				B- PLATPOA			36247:04:001F	03-116/23:00:35	1TB

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
508	117 11:07:54	31			AC7SPK	(1 12 2 082 047) EL SLEW R=LOW	AACS		36247:04:003F	03-116/23:00:36	1ECa
509	117 11:09:50	31				B- SLEND			36247:06:334F	03-116/23:02:31	1TB
510	117 11:09:50	31			SLEWEND	AZ=319.958 EL=156.010 CO=161.291			36247:06:334F	03-116/23:02:31	1T
511	117 12:00:00	31				VGR-31 OWLT IS 12H 07M 18S					1L
512	117 12:15:16	31	40RISE			10.2 DEGREE RISE DSC-40					1V
513	117 15:30:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9391					1DP
514	117 16:14:43	31	10 SET			10.2 DEGREE SET DSC-10					1V
515	117 21:09:46	31	60RISE			10.2 DEGREE RISE DSC-60					1V
516	117 21:16:57	31	40 SET			10.2 DEGREE SET DSC-40					1V
517	118 00:00:00	31				VGR-31 OWLT IS 12H 07M 19S					1L
518	118 04:42:34	31	10RISE			10.2 DEGREE RISE DSC-10					1V
519	118 05:25:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9392 (D/L ONLY)					1DP
520	118 05:25:00	31				CFG CODES					1DP
521	118 08:17:30	31	60 SET			15.4 DEGREE SET DSC-60					1V
522	118 11:07:55	31				B- UVSLEW			36277:04:001F	03-117/23:00:35	1TB
523	118 11:07:55	31				SLEW TO HELIO-9B			36277:04:001F	03-117/23:00:35	1T
524	118 11:07:55	31				B- PLATPOA			36277:04:001F	03-117/23:00:35	1TB
525	118 11:07:55	31			AC7SPK	(1 12 1 075 126) EL SLEW R=LOW	AACS		36277:04:003F	03-117/23:00:36	1ECa
526	118 11:09:50	31				B- SLEND			36277:06:318F	03-117/23:02:30	1TB
527	118 11:09:50	31			SLEWEND	AZ=319.958 EL=165.013 CO=169.786			36277:06:318F	03-117/23:02:30	1T
528	118 12:00:00	31				VGR-31 OWLT IS 12H 07M 19S					1L
529	118 12:11:19	31	40RISE			10.2 DEGREE RISE DSC-40					1V
530	118 15:25:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9392					1DP

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
531	118 16:10:46	31	10	SET		10.2 DEGREE SET DSC-10					1V
532	118 21:05:48	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
533	118 21:12:58	31	40	SET		10.2 DEGREE SET DSC-40					1V
534	118 21:45:00	31	65	AOS	OPCH ACE	AOS DSS-65 PASS-9392 (D/L ONLY)					1DP
535	118 21:45:00	31				CFG CODES					1DP
536	119 00:00:00	31				VGR-31 OWLT IS 12H 07M 19S					1L
537	119 04:38:36	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
538	119 07:30:00	31	26	AOS	OPCH ACE	AOS DSS-26 PASS-9393 (D/L ONLY)					1DP
539	119 07:30:00	31				CFG CODES					1DP
540	119 07:50:00	31	65	LOS	OPCH ACE	LOS DSS-65 PASS-9392					1DP
541	119 08:13:31	31	60	SET		15.4 DEGREE SET DSC-60					1V
542	119 11:07:56	31				B- UVSLEW			36307:04:001F	03-118/23:00:35	1TB
543	119 11:07:56	31				SLEW TO HELIO-10B			36307:04:001F	03-118/23:00:35	1T
544	119 11:07:56	31				B- PLATPOA			36307:04:001F	03-118/23:00:35	1TB
545	119 11:07:56	31			AC7SPK	(1 12 1 068 036) EL SLEW R=LOW	AACS		36307:04:003F	03-118/23:00:36	1ECa
546	119 11:10:04	31				B- SLEND			36307:06:534F	03-118/23:02:43	1TB
547	119 11:10:04	31			SLEWEND	AZ=319.958 EL=175.037 CO=175.485			36307:06:534F	03-118/23:02:43	1T
548	119 12:00:00	31				VGR-31 OWLT IS 12H 07M 20S					1L
549	119 12:07:22	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
550	119 14:45:00	31	26	LOS	OPCH ACE	LOS DSS-26 PASS-9393					1DP
551	119 16:06:49	31	10	SET		10.2 DEGREE SET DSC-10					1V
552	119 17:56:32	31			ACE OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
553	119 17:56:32	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
554	119 17:57:20	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
555	119 17:57:20	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
556	119 17:59:56	31				BEGIN PWSREC.31			36315:39:001F	03-119/05:52:35	1T
557	119 17:59:56	31			SC32AJ	(10) PLS CONFIG CMD	FDS		36315:39:009F	03-119/05:52:36	1ECF
558	119 18:00:44	31				B- DRGS4B			36315:40:001F	03-119/05:53:23	1TB
559	119 18:00:44	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		36315:40:009F	03-119/05:53:24	1ECF
560	119 18:01:28	31				BEGIN RECORDING PWS DATA			36315:40:734F	03-119/05:54:07	1T
561	119 18:01:28	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		36315:40:735F	03-119/05:54:08	1ECd
562	119 18:01:28	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:3 TIC:1446	DTR		36315:40:735F	03-119/05:54:08	1ESd
563	119 18:01:32	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE -----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	36315:41:001F	03-119/05:54:11	1ESF

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
564	119 18:01:32	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		36315:41:002F	03-119/05:54:12	1ECs
565	119 18:01:33	31				B- DRCRUS			36315:41:018F	03-119/05:54:12	1TB
566	119 18:01:33	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		36315:41:026F	03-119/05:54:13	1ECF
567	119 18:02:20	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	36315:42:001F	03-119/05:54:59	1ESF
568	119 18:02:20	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		36315:42:002F	03-119/05:55:00	1ECs
569	119 18:02:20	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		36315:42:002F	03-119/05:55:00	1ECd
570	119 18:02:20	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:1739	DTR		36315:42:002F	03-119/05:55:00	1ESd
571	119 18:03:08	31			SC32AJ	(11) PLS CONFIG CMD	FDS		36315:43:010F	03-119/05:55:48	1ECf
572	119 18:03:09	31				END PWSREC.31			36315:43:018F	03-119/05:55:48	1T
573	119 21:01:49	31	60RISE			10.2 DEGREE RISE DSC-60					1V
574	119 21:08:59	31	40 SET			10.2 DEGREE SET DSC-40					1V
575	119 21:30:00	31	63 AOS	OPCH	ACE	AOS DSS-63 PASS-9393 (U/L PASS)					1DP
576	120 00:00:00	31				VGR-31 OWLT IS 12H 07M 20S					1L
577	120 01:05:00	31	63 LOS	OPCH	ACE	LOS DSS-63 PASS-9393					1DP



FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
578	120 01:10:20	31			AC7SSB	(4 +153) SS BIAS CONTROL --- YAW	AACS		36324:37:003F	03-119/13:03:00	1ECa
579	120 04:34:37	31	10RISE			10.2 DEGREE RISE DSC-10					1V
580	120 05:20:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9394 (D/L ONLY)					1DP
581	120 05:20:00	31				CFG CODES					1DP
582	120 08:09:32	31	60 SET			15.4 DEGREE SET DSC-60					1V
583	120 08:50:21	31				TAPPOS-0210			36334:12:001F	03-119/20:42:59	1T
584	120 08:50:21	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		36334:12:001F	03-119/20:42:59	1ECd
585	120 08:50:21	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:1745	DTR		36334:12:001F	03-119/20:42:59	1ESd
586	120 10:01:25	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		36335:40:662F	03-119/21:54:03	1ECd
587	120 10:01:25	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:0210	DTR		36335:40:662F	03-119/21:54:03	1ESd
588	120 10:04:33	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
589	120 10:04:33	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
590	120 10:04:45	31				BEGIN PMPCALLR			36335:45:001F	03-119/21:57:23	1T
591	120 10:08:45	31				B- DRRC5T			36335:50:001F	03-119/22:01:23	1TB
592	120 10:08:45	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		36335:50:009F	03-119/22:01:24	1ECf

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
593	120 10:09:33	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	36335:51:001F	03-119/22:02:11	1ESf
594	120 10:09:33	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		36335:51:001F	03-119/22:02:11	1ECs
595	120 10:15:57	31			SC06BY	(7) FDS PLS/MAG/PESCAL FLAG PLSCAL ENABLED MAGCAL ENABLED PESCAL ENABLED	FDS		36335:59:009F	03-119/22:08:36	1ECf
596	120 10:16:45	31				BEGIN PLS/MAG/PESCAL			36336:00:001F	03-119/22:09:23	1T
597	120 11:38:21	31				FWD/TRK 1			36337:42:001F	03-119/23:30:59	1T
598	120 11:38:21	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		36337:42:002F	03-119/23:30:59	1ECd
599	120 11:38:21	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:0210	DTR		36337:42:002F	03-119/23:30:59	1ESd
600	120 11:59:09	31				END PLSCAL			36338:08:001F	03-119/23:51:47	1T
601	120 12:00:00	31				VGR-31 OWLT IS 12H 07M 21S					1L
602	120 12:03:25	31	40RISE			10.2 DEGREE RISE DSC-40					1V
603	120 13:19:09	31				END MAGCAL			36339:48:001F	03-120/01:11:47	1T
604	120 13:32:33	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
605	120 13:32:33	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
606	120 13:36:45	31				END PESCAL			36340:10:001F	03-120/01:29:23	1T

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
607	120 13:36:45	31				B- DRCRUS			36340:10:001F	03-120/01:29:23	1TB
608	120 13:36:45	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		36340:10:010F	03-120/01:29:24	1ECf
609	120 13:37:33	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	36340:11:001F	03-120/01:30:11	1ESf
610	120 13:37:33	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		36340:11:002F	03-120/01:30:11	1ECs
611	120 13:37:34	31				END PMPCALLR			36340:11:018F	03-120/01:30:12	1T
612	120 15:20:00	31	25	LOS	OPCH ACE	LOS DSS-25 PASS-9394					1DP
613	120 16:02:52	31	10	SET		10.2 DEGREE SET DSC-10					1V
614	120 20:57:50	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
615	120 21:05:00	31	40	SET		10.2 DEGREE SET DSC-40					1V
616	120 21:15:00	31	63	AOS	OPCH ACE	AOS DSS-63 PASS-9394 (D/L ONLY)					1DP
617	120 21:15:00	31				CFG CODES					1DP
618	120 23:07:57	31				B- UVSLEW			36352:04:001F	03-120/11:00:35	1TB
619	120 23:07:57	31				SLEW TO MIDPNT			36352:04:001F	03-120/11:00:35	1T
620	120 23:07:57	31				B- PLATPOB			36352:04:001F	03-120/11:00:35	1TB
621	120 23:07:57	31			AC7SPK	(1 12 2 093 082) EL SLEW R=LOW	AACS		36352:04:003F	03-120/11:00:36	1ECa
622	120 23:07:57	31			AC7SPK	(2 12 1 165 129) AZ SLEW R=LOW	AACS		36352:04:005F	03-120/11:00:36	1ECa
623	120 23:35:29	31				B- SLEND			36352:38:334F	03-120/11:28:07	1TB

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
624	120 23:35:29	31			SLEWEND	AZ=219.982 EL=140.025 CO=134.417			36352:38:334F	03-120/11:28:07	1T
625	121 00:00:00	31				VGR-31 OWLT IS 12H 07M 21S					1L
626	121 01:00:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9394					1DP
627	121 01:15:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9394 (D/L ONLY)					1DP
628	121 01:15:00	31				CFG CODES					1DP
629	121 04:05:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9394					1DP
630	121 04:30:39	31	10RISE			10.2 DEGREE RISE DSC-10					1V
631	121 05:20:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9395 (D/L ONLY)					1DP
632	121 05:20:00	31				CFG CODES					1DP
633	121 07:37:22	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN D/L CARRIER SIG LEVEL					11EC
634	121 07:38:22	31				B- PWSPB.31			36362:42:001F	03-120/19:30:59	1TB
635	121 07:38:22	31				BEGIN PWSPBA31			36362:42:001F	03-120/19:30:59	1T
636	121 07:38:22	31				CHECK IF RFLOSS FAIL			36362:42:001F	03-120/19:30:59	1T
637	121 07:38:22	31				IF FAIL SKIP HIGHPWR			36362:42:001F	03-120/19:30:59	1T
638	121 07:38:22	31			CC1TR	BAY 1 HTR OFF	PWR		36362:42:003F	03-120/19:31:00	1ECp
639	121 07:42:22	31				X BAND HIGH POWER			36362:47:001F	03-120/19:34:59	1T
640	121 07:42:22	31			DC2H	X-BAND TWT HIGH POWER	RFS		36362:47:002F	03-120/19:34:59	1ECr
641	121 08:05:33	31	60 SET			15.4 DEGREE SET DSC-60					1V
642	121 08:38:22	31				B- YAW05			36363:57:001F	03-120/20:30:59	1TB
643	121 08:38:22	31				YAW05			36363:57:001F	03-120/20:30:59	1T
644	121 08:38:22	31			AC7PAR	(6741 000740) +YAW DB=.05 DEG	AACS		36363:57:004F	03-120/20:31:00	1ECa

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
645	121 08:42:10	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
646	121 08:42:10	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=39 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
647	121 08:42:10	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
648	121 08:46:22	31				B- DRPBDB.31			36364:07:001F	03-120/20:38:59	1TB
649	121 08:46:22	31				BEGIN DDPB1431			36364:07:001F	03-120/20:38:59	1T
650	121 08:46:22	31			SC06BB	(12 0 07 0) FDS MODE TO: PB-14 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		36364:07:009F	03-120/20:39:00	1ECf
651	121 08:47:10	31				BEGIN PLAYBACK			36364:08:001F	03-120/20:39:47	1T
652	121 08:47:10	31		ACE OPCH		FDS STATUS PB-14/X1.4K/S40 MEM:PA/FDS11	FDS	PB-14	36364:08:001F	03-120/20:39:47	1ESf
653	121 08:47:10	31			CC3A	(39310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=39 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		36364:08:002F	03-120/20:39:48	1ECs
654	121 08:47:10	31			CC6AD	(3 2 0 2) SVC-W4 FDS MEM B WRT PROTECT	FDS		36364:08:003F	03-120/20:39:48	1ECf
655	121 08:47:10	31		ACE OPCH		FDS STATUS PB-14/X1.4K/S40 MEM:PA/FDS11	FDS	PB-14	36364:08:003F	03-120/20:39:48	1ESf
656	121 08:47:10	31			CC16C	(1210) DTR STATE SELECT:PLAYBACK	DTR		36364:08:005F	03-120/20:39:48	1ECd



FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT 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	121 15:22:22	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		36372:22:002F	03-121/03:15:00	1ECs
673	121 15:22:22	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		36372:22:003F	03-121/03:15:00	1ECd
674	121 15:22:22	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:1975	DTR		36372:22:003F	03-121/03:15:00	1ESd
675	121 15:22:22	31			CC6AD	(3 2 0 0) SVC-W4 FDS MEM B WRT PROTECT	FDS		36372:22:003F	03-121/03:15:00	1ECf
676	121 15:22:22	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	36372:22:003F	03-121/03:15:00	1ESf
677	121 15:22:23	31				END PLAYBACK			36372:22:018F	03-121/03:15:00	1T
678	121 15:36:46	31				B- YAWDB			36372:40:001F	03-121/03:29:23	1TB
679	121 15:36:46	31				YAWDB - .10			36372:40:001F	03-121/03:29:23	1T
680	121 15:36:46	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		36372:40:004F	03-121/03:29:24	1ECa
681	121 15:50:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9395					1DP
682	121 15:58:54	31	10 SET			10.2 DEGREE SET DSC-10					1V
683	121 20:53:51	31	60RISE			10.2 DEGREE RISE DSC-60					1V
684	121 21:01:01	31	40 SET			10.2 DEGREE SET DSC-40					1V
685	122 00:00:00	31				VGR-31 OWLT IS 12H 07M 22S					1L
686	122 01:15:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9395 (D/L ONLY)					1DP
687	122 01:15:00	31				CFG CODES					1DP
688	122 04:26:40	31	10RISE			10.2 DEGREE RISE DSC-10					1V

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
689	122 07:10:23	31				TAPPOS-2045			36392:07:001F	03-121/19:02:59	1T
690	122 07:10:23	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		36392:07:001F	03-121/19:02:59	1ECd
691	122 07:10:23	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1976	DTR		36392:07:001F	03-121/19:02:59	1ESd
692	122 07:13:35	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		36392:10:794F	03-121/19:06:11	1ECd
693	122 07:13:35	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2045	DTR		36392:10:794F	03-121/19:06:11	1ESd
694	122 07:31:59	31				B- GYONBC.31			36392:34:001F	03-121/19:24:35	1TB
695	122 07:31:59	31				BEGIN GYONBC31			36392:34:001F	03-121/19:24:35	1T
696	122 07:31:59	31			AC7GYP	(111) DRIRU PATTERN CONTROL GYRO/AXIS=B/PITCH C/YAW & ROLL	AACS		36392:34:003F	03-121/19:24:36	1ECa
697	122 07:31:59	31			CC7GARP	GYRO A OFF	PWR		36392:34:004F	03-121/19:24:36	1ECp
698	122 07:31:59	31			CC7GARP	GYRO A OFF	PWR		36392:34:006F	03-121/19:24:36	1ECp
699	122 07:31:59	31			CC7PC	(352) GYRO A OFF	AACS		36392:34:008F	03-121/19:24:36	1ECa
700	122 07:31:59	31			CC7GCP	GYRO C ON	PWR		36392:34:009F	03-121/19:24:36	1ECp
701	122 07:31:59	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: ON	AACS		36392:34:009F	03-121/19:24:36	1ESa
702	122 07:32:00	31			CC7GCP	GYRO C ON	PWR		36392:34:011F	03-121/19:24:36	1ECp
703	122 07:32:00	31			CC7PC	(373) GYRO C ON	AACS		36392:34:013F	03-121/19:24:36	1ECa
704	122 07:32:00	31			CC7GBP	GYRO B ON	PWR		36392:34:014F	03-121/19:24:36	1ECp



FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
705	122 07:32:00	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		36392:34:014F	03-121/19:24:36	1ESa
706	122 07:32:00	31			CC7GBP	GYRO B ON	PWR		36392:34:016F	03-121/19:24:36	1ECp
707	122 07:32:00	31			CC7PC	(363) GYRO B ON	AACS		36392:34:018F	03-121/19:24:36	1ECa
708	122 07:32:28	31				DRIRU INITIALIZATION			36392:34:484F	03-121/19:25:04	1T
709	122 07:32:29	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		36392:34:502F	03-121/19:25:06	1ECa
710	122 07:32:58	31				SET CALIB			36392:35:184F	03-121/19:25:34	1T
711	122 07:32:59	31			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		36392:35:204F	03-121/19:25:36	1ECa
712	122 07:41:58	31				START GYRO FAULT TEST			36392:46:384F	03-121/19:34:34	1T
713	122 07:41:59	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		36392:46:402F	03-121/19:34:36	1ECa
714	122 07:42:00	31				END GYONBC31			36392:46:418F	03-121/19:34:36	1T
715	122 07:50:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9395					1DP
716	122 08:01:33	31	60 SET			15.4 DEGREE SET DSC-60					1V
717	122 08:31:59	31				B- CCSTIMB			36393:49:001F	03-121/20:24:35	1TB
718	122 08:31:59	31				EXECUTE CCSTIMB FINE			36393:49:001F	03-121/20:24:35	1T
719	122 09:58:23	31				FWD/TRK 3			36395:37:001F	03-121/21:50:59	1T
720	122 09:58:23	31			CC16C	(7013) DTR STATE SELECT: READY	DTR		36395:37:002F	03-121/21:50:59	1ECd
721	122 09:58:23	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:2045	DTR		36395:37:002F	03-121/21:50:59	1ESd
722	122 11:15:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9396 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
723	122 11:15:00	31				CFG CODES					1DP
724	122 11:55:31	31	40RISE			10.2 DEGREE RISE DSC-40					1V
725	122 12:00:00	31				VGR-31 OWLT IS 12H 07M 23S					1L
726	122 15:10:00	31	26 LOS	OPCH	ACE	LOS DSS-26 PASS-9396					1DP
727	122 15:54:57	31	10 SET			10.2 DEGREE SET DSC-10					1V
728	122 20:49:52	31	60RISE			10.2 DEGREE RISE DSC-60					1V
729	122 20:57:03	31	40 SET			10.2 DEGREE SET DSC-40					1V
730	122 20:59:11	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		36409:23:002F	03-122/08:51:48	1ECd
731	122 20:59:11	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2045	DTR		36409:23:002F	03-122/08:51:48	1ESd
732	122 21:12:32	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		36409:39:543F	03-122/09:05:08	1ECd
733	122 21:12:32	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1756	DTR		36409:39:543F	03-122/09:05:08	1ESd
734	122 23:56:36	31		ACE	OPCH	>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
735	122 23:56:36	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
736	122 23:57:24	31		ACE	OPCH	>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
737	122 23:57:24	31		ACE	OPCH	>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
738	122 23:59:12	31			CC16C	(7017) DTR STATE SELECT: READY	DTR		36413:08:002F	03-122/11:51:48	1ECd
739	122 23:59:12	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:1756	DTR		36413:08:002F	03-122/11:51:48	1ESd
740	123 00:00:00	31				AHEL11 PWSREC 15			36413:09:001F	03-122/11:52:35	1T
741	123 00:00:00	31				B- PWSREC.31			36413:09:001F	03-122/11:52:35	1TB
742	123 00:00:00	31				BEGIN PWSREC.31			36413:09:001F	03-122/11:52:35	1T
743	123 00:00:00	31			SC32AJ	(10) PLS CONFIG CMD	FDS		36413:09:009F	03-122/11:52:36	1ECf
744	123 00:00:00	31				VGR-31 OWLT IS 12H 07M 24S					1L
745	123 00:00:48	31				B- DRGS4B			36413:10:001F	03-122/11:53:23	1TB
746	123 00:00:48	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		36413:10:009F	03-122/11:53:24	1ECf
747	123 00:01:32	31				BEGIN RECORDING PWS DATA			36413:10:734F	03-122/11:54:07	1T
748	123 00:01:32	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		36413:10:735F	03-122/11:54:08	1ECd
749	123 00:01:32	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:1756	DTR		36413:10:735F	03-122/11:54:08	1ESd
750	123 00:01:36	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	36413:11:001F	03-122/11:54:11	1ESf

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
751	123 00:01:36	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		36413:11:002F	03-122/11:54:12	1ECs
752	123 00:01:37	31				B- DRCRUS			36413:11:018F	03-122/11:54:12	1TB
753	123 00:01:37	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		36413:11:026F	03-122/11:54:13	1ECF
754	123 00:02:24	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	36413:12:001F	03-122/11:54:59	1ESF
755	123 00:02:24	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		36413:12:002F	03-122/11:55:00	1ECd
756	123 00:02:24	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2049	DTR		36413:12:002F	03-122/11:55:00	1ESd
757	123 00:02:24	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		36413:12:002F	03-122/11:55:00	1ECs
758	123 00:03:12	31			SC32AJ	(11) PLS CONFIG CMD	FDS		36413:13:009F	03-122/11:55:48	1ECf
759	123 00:03:13	31				END PWSREC.31			36413:13:018F	03-122/11:55:48	1T
760	123 02:08:48	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		36415:50:002F	03-122/14:01:24	1ECd
761	123 02:08:48	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2055	DTR		36415:50:002F	03-122/14:01:24	1ESd
762	123 02:09:15	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		36415:50:456F	03-122/14:01:51	1ECd

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
763	123 02:09:15	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2045	DTR		36415:50:456F	03-122/14:01:51	1ESd
764	123 04:22:41	31	10RISE			10.2 DEGREE RISE DSC-10					1V
765	123 05:05:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9397 (D/L ONLY)					1DP
766	123 05:05:00	31				CFG CODES					1DP
767	123 05:08:48	31			CC16C	(7013) DTR STATE SELECT: READY	DTR		36419:35:002F	03-122/17:01:24	1ECd
768	123 05:08:48	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:2045	DTR		36419:35:002F	03-122/17:01:24	1ESd
769	123 07:57:32	31	60 SET			15.4 DEGREE SET DSC-60					1V
770	123 11:51:34	31	40RISE			10.2 DEGREE RISE DSC-40					1V
771	123 12:00:00	31				VGR-31 OWLT IS 12H 07M 24S					1L
772	123 15:05:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9397					1DP
773	123 15:51:00	31	10 SET			10.2 DEGREE SET DSC-10					1V
774	123 20:45:54	31	60RISE			10.2 DEGREE RISE DSC-60					1V
775	123 20:53:04	31	40 SET			10.2 DEGREE SET DSC-40					1V
776	123 21:15:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9397 (D/L ONLY)					1DP
777	123 21:15:00	31				CFG CODES					1DP
778	124 00:00:00	31				VGR-31 OWLT IS 12H 07M 25S					1L
779	124 01:05:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9397					1DP
780	124 04:18:43	31	10RISE			10.2 DEGREE RISE DSC-10					1V

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
781	124 07:35:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9398 (D/L ONLY)					1DP
782	124 07:35:00	31				CFG CODES					1DP
783	124 07:53:33	31	60 SET			15.4 DEGREE SET DSC-60					1V
784	124 11:47:37	31	40RISE			10.2 DEGREE RISE DSC-40					1V
785	124 12:00:00	31				VGR-31 OWLT IS 12H 07M 26S					1L
786	124 15:20:02	31			AC7SSB	(4 +152) SS BIAS CONTROL --- YAW	AACS		36462:19:003F	03-124/03:12:36	1ECa
787	124 15:47:03	31	10 SET			10.2 DEGREE SET DSC-10					1V
788	124 15:50:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9398					1DP
789	124 20:41:55	31	60RISE			10.2 DEGREE RISE DSC-60					1V
790	124 20:49:05	31	40 SET			10.2 DEGREE SET DSC-40					1V
791	124 21:20:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9398 (D/L ONLY)					1DP
792	124 21:20:00	31				CFG CODES					1DP
793	124 21:20:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9398 (D/L ONLY)					1DP
794	124 21:20:00	31				CFG CODES					1DP
795	125 00:00:00	31				VGR-31 OWLT IS 12H 07M 26S					1L
796	125 00:50:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9398					1DP
797	125 00:50:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9398					1DP
798	125 01:05:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9398 (D/L ONLY)					1DP
799	125 01:05:00	31				CFG CODES					1DP
800	125 02:35:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9398 (D/L ONLY)					1DP
801	125 02:35:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
802	125 04:14:44	31	10RISE			10.2 DEGREE RISE DSC-10					1V
803	125 07:15:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9399 (D/L ONLY)					1DP
804	125 07:15:00	31				CFG CODES					1DP
805	125 07:15:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9399 (D/L ONLY)					1DP
806	125 07:15:00	31				CFG CODES					1DP
807	125 07:35:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9398					1DP
808	125 07:35:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9398					1DP
809	125 07:49:34	31	60 SET			15.4 DEGREE SET DSC-60					1V
810	125 11:43:40	31	40RISE			10.2 DEGREE RISE DSC-40					1V
811	125 12:00:00	31				VGR-31 OWLT IS 12H 07M 27S					1L
812	125 15:00:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9399					1DP
813	125 15:00:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9399					1DP
814	125 15:43:06	31	10 SET			10.2 DEGREE SET DSC-10					1V
815	125 20:35:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9399 (D/L ONLY)					1DP
816	125 20:35:00	31				CFG CODES					1DP
817	125 20:35:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9399 (D/L ONLY)					1DP
818	125 20:35:00	31				CFG CODES					1DP
819	125 20:37:56	31	60RISE			10.2 DEGREE RISE DSC-60					1V
820	125 20:45:06	31	40 SET			10.2 DEGREE SET DSC-40					1V
821	126 00:00:00	31				VGR-31 OWLT IS 12H 07M 28S					1L
822	126 01:00:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9399					1DP

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
823	126 01:00:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9399					1DP
824	126 04:10:45	31	10RISE			10.2 DEGREE RISE DSC-10					1V
825	126 04:25:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9400 (D/L ONLY)					1DP
826	126 04:25:00	31				CFG CODES					1DP
827	126 04:25:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9400 (D/L ONLY)					1DP
828	126 04:25:00	31				CFG CODES					1DP
829	126 07:45:35	31	60 SET			15.4 DEGREE SET DSC-60					1V
830	126 08:17:05	31	15	TRK DSS		ASCAL PREP ===== ANTENNA DRIVE TO PRECISION ONE (70 METER STATION ONLY) PRIME DATA SOURCE=X BAND AGC ===== TURN CONSCAN -----> OFF (IF ON)					1TD
831	126 08:27:53	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
832	126 08:27:53	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
833	126 08:32:05	31				B- ASCAL			36513:49:001F	03-125/20:24:35	1TB
834	126 08:32:05	31				B- DREL40			36513:49:001F	03-125/20:24:35	1TB
835	126 08:32:05	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		36513:49:009F	03-125/20:24:36	1ECf



FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
836	126 08:32:05	31	15	OPCH 15		START ASCAL ===== DSS-15: MONITOR X-BD AGC VARIATIONS DURING ASCAL IF X-BD RCVR DROPS LOCK INITIATE AUTO ACQUIRE =====					1TD
837	126 08:32:53	31		ACE OPCH		FDS STATUS EL-40/X40/S40 MEM:PA/FDS11	FDS	CE-40	36513:50:001F	03-125/20:25:23	1ESF
838	126 08:32:53	31			CC3A	(30310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=30 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		36513:50:002F	03-125/20:25:24	1ECs
839	126 08:48:05	31				.05 ALL AXES DEADBAND			36514:09:001F	03-125/20:40:35	1T
840	126 08:48:05	31			AC7DDB	(000480) CHG TO .05 DEG DEADBAND	AACS		36514:09:003F	03-125/20:40:36	1ECa
841	126 09:04:05	31			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		36514:29:002F	03-125/20:56:36	1ECa
842	126 09:04:05	31				AACS STATUS MODE : AAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		36514:29:002F	03-125/20:56:36	1ESa
843	126 09:04:05	31			CC7GARP	GYRO A OFF	PWR		36514:29:003F	03-125/20:56:36	1ECp
844	126 09:04:05	31			CC7GARP	GYRO A OFF	PWR		36514:29:005F	03-125/20:56:36	1ECp
845	126 09:04:05	31			CC7PC	(352) GYRO A OFF	AACS		36514:29:007F	03-125/20:56:36	1ECa
846	126 09:04:05	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		36514:29:008F	03-125/20:56:36	1ECp
847	126 09:04:05	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		36514:29:010F	03-125/20:56:36	1ECp
848	126 09:04:06	31			CC7PC	(312) DUMMY PWR CMD	AACS		36514:29:012F	03-125/20:56:36	1ECa

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
849	126 09:04:52	31	15	OPCH 15		ASCAL =====					1TD
						START YAW DRIFT TURNS					
850	126 09:04:53	31				START FIRST YAW DRIFT TURN			36514:30:001F	03-125/20:57:23	1T
851	126 09:04:53	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		36514:30:003F	03-125/20:57:24	1ECa
852	126 09:08:53	31			AC7PAR	(7015 764220) PARAMETER LOAD	AACS		36514:35:003F	03-125/21:01:24	1ECa
853	126 09:16:53	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		36514:45:003F	03-125/21:09:24	1ECa
854	126 09:20:53	31			AC7PAR	(7015 000000) PARAMETER LOAD	AACS		36514:50:003F	03-125/21:13:24	1ECa
855	126 09:20:53	31	15	OPCH 15		ASCAL =====					1TD
						END YAW DRIFT TURNS					
856	126 09:20:54	31				END THIRD YAW DRIFT TURN			36514:50:018F	03-125/21:13:24	1T
857	126 09:21:40	31	15	OPCH 15		ASCAL =====					1TD
						START PITCH DRIFT TURNS					
858	126 09:21:41	31				START FIRST PITCH DRIFT TURN			36514:51:001F	03-125/21:14:11	1T
859	126 09:21:41	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		36514:51:003F	03-125/21:14:12	1ECa
860	126 09:25:41	31			AC7PAR	(7014 764220) PARAMETER LOAD	AACS		36514:56:003F	03-125/21:18:12	1ECa
861	126 09:33:41	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		36515:06:003F	03-125/21:26:12	1ECa
862	126 09:37:41	31			AC7PAR	(7014 000000) PARAMETER LOAD	AACS		36515:11:003F	03-125/21:30:12	1ECa
863	126 09:37:41	31	15	OPCH 15		ASCAL =====					1TD
						END PITCH DRIFT TURNS					

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
864	126 09:37:42	31				END THIRD PITCH DRIFT TURN			36515:11:018F	03-125/21:30:12	1T
865	126 09:39:17	31			CC7SS	(1) SS SEARCH ENABLE	AACS		36515:13:001F	03-125/21:31:47	1ECa
866	126 09:39:17	31				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		36515:13:001F	03-125/21:31:47	1ESa
867	126 09:39:17	31			CC7PC	(327) IDET ACQUIRED	AACS		36515:13:002F	03-125/21:31:48	1ECa
868	126 09:39:17	31			CC7GARP	GYRO A OFF	PWR		36515:13:003F	03-125/21:31:48	1ECp
869	126 09:39:17	31			CC7GARP	GYRO A OFF	PWR		36515:13:005F	03-125/21:31:48	1ECp
870	126 09:39:17	31			CC7PC	(352) GYRO A OFF	AACS		36515:13:007F	03-125/21:31:48	1ECa
871	126 09:39:17	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		36515:13:008F	03-125/21:31:48	1ECp
872	126 09:39:17	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		36515:13:010F	03-125/21:31:48	1ECp
873	126 09:39:18	31			CC7PC	(312) DUMMY PWR CMD	AACS		36515:13:012F	03-125/21:31:48	1ECa
874	126 09:39:53	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
875	126 09:39:53	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
876	126 09:40:53	31			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		36515:15:001F	03-125/21:33:23	1ECa
877	126 09:41:58	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		36515:16:285F	03-125/21:34:28	1ESa
878	126 09:41:58	31			CC7PC	(307) STAR ACQUIRED	AACS		36515:16:285F	03-125/21:34:28	1ECa
879	126 09:41:58	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		36515:16:286F	03-125/21:34:29	1ECp

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
880	126 09:41:58	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		36515:16:288F	03-125/21:34:29	1ECp
881	126 09:41:58	31			CC7PC	(312) DUMMY PWR CMD	AACS		36515:16:290F	03-125/21:34:29	1ECa
882	126 09:44:05	31				B- DRCRUS			36515:19:001F	03-125/21:36:35	1TB
883	126 09:44:05	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		36515:19:009F	03-125/21:36:36	1ECf
884	126 09:44:53	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	36515:20:001F	03-125/21:37:23	1ESf
885	126 09:44:53	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		36515:20:002F	03-125/21:37:24	1ECs
886	126 09:50:29	31				B- YAWDB			36515:27:001F	03-125/21:42:59	1TB
887	126 09:50:29	31				YAWDB - .10			36515:27:001F	03-125/21:42:59	1T
888	126 09:50:29	31				B- ROLLDB			36515:27:001F	03-125/21:42:59	1TB
889	126 09:50:29	31				ROLLDB - .25			36515:27:001F	03-125/21:42:59	1T
890	126 09:50:29	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		36515:27:003F	03-125/21:43:00	1ECa
891	126 09:50:29	31			AC7PAR	(6742 004540) +ROLL DB=.25 DEG	AACS		36515:27:005F	03-125/21:43:00	1ECa
892	126 09:50:30	31	15	OPCH 15		END ASCAL					1TD
893	126 09:52:05	31				RESTART GYRO FAULT TEST			36515:29:001F	03-125/21:44:35	1T
894	126 09:52:05	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		36515:29:001F	03-125/21:44:35	1ECa
895	126 11:39:43	31	40RISE			10.2 DEGREE RISE DSC-40					1V
896	126 12:00:00	31				VGR-31 OWLT IS 12H 07M 29S					1L

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
897	126 15:25:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9400					1DP
898	126 15:25:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9400					1DP
899	126 15:39:08	31	10 SET			10.2 DEGREE SET DSC-10					1V
900	126 17:32:41	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
901	126 17:32:41	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
902	126 17:33:29	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
903	126 17:33:29	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
904	126 17:36:05	31				BEGIN PWSREC.31			36525:09:001F	03-126/05:28:35	1T
905	126 17:36:05	31			SC32AJ	(10) PLS CONFIG CMD	FDS		36525:09:010F	03-126/05:28:36	1ECf
906	126 17:36:53	31				B- DRGS4B			36525:10:001F	03-126/05:29:23	1TB
907	126 17:36:53	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		36525:10:009F	03-126/05:29:24	1ECf
908	126 17:37:37	31				BEGIN RECORDING PWS DATA			36525:10:734F	03-126/05:30:07	1T
909	126 17:37:37	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		36525:10:735F	03-126/05:30:08	1ECd
910	126 17:37:37	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:3 TIC:2045	DTR		36525:10:735F	03-126/05:30:08	1ESd

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
911	126 17:37:41	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	36525:11:001F	03-126/05:30:11	1ESf
912	126 17:37:41	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		36525:11:002F	03-126/05:30:12	1ECs
913	126 17:37:42	31				B- DRCRUS			36525:11:018F	03-126/05:30:12	1TB
914	126 17:37:42	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		36525:11:026F	03-126/05:30:13	1ECf
915	126 17:38:29	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	36525:12:001F	03-126/05:30:59	1ESf
916	126 17:38:29	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		36525:12:002F	03-126/05:31:00	1ECs
917	126 17:38:29	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		36525:12:002F	03-126/05:31:00	1ECd
918	126 17:38:29	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:2338	DTR		36525:12:002F	03-126/05:31:00	1ESd
919	126 17:39:17	31			SC32AJ	(11) PLS CONFIG CMD	FDS		36525:13:010F	03-126/05:31:48	1ECf
920	126 17:39:18	31				END PWSREC.31			36525:13:018F	03-126/05:31:48	1T
921	126 20:33:57	31	60RISE			10.2 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
922	126 20:41:07	31	40 SET			10.2 DEGREE SET DSC-40					1V
923	127 00:00:00	31				VGR-31 OWLT IS 12H 07M 30S					1L
924	127 04:06:47	31	10RISE			10.2 DEGREE RISE DSC-10					1V
925	127 07:41:36	31	60 SET			15.4 DEGREE SET DSC-60					1V
926	127 10:45:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9401 (D/L ONLY)					1DP
927	127 10:45:00	31				CFG CODES					1DP
928	127 10:45:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9401 (D/L ONLY)					1DP
929	127 10:45:00	31				CFG CODES					1DP
930	127 11:35:46	31	40RISE			10.2 DEGREE RISE DSC-40					1V
931	127 12:00:00	31				VGR-31 OWLT IS 12H 07M 30S					1L
932	127 15:20:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9401					1DP
933	127 15:20:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9401					1DP
934	127 15:35:11	31	10 SET			10.2 DEGREE SET DSC-10					1V
935	127 20:29:58	31	60RISE			10.2 DEGREE RISE DSC-60					1V
936	127 20:37:08	31	40 SET			10.2 DEGREE SET DSC-40					1V
937	128 00:00:00	31				VGR-31 OWLT IS 12H 07M 31S					1L
938	128 01:50:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9401 (U/L PASS)					1DP
939	128 01:50:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9401 (U/L PASS)					1DP
940	128 04:02:48	31	10RISE			10.2 DEGREE RISE DSC-10					1V
941	128 04:35:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9401					1DP
942	128 04:35:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9401					1DP
943	128 04:50:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9402 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
944	128 04:50:00	31				CFG CODES					1DP
945	128 04:50:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9402 (D/L ONLY)					1DP
946	128 04:50:00	31				CFG CODES					1DP
947	128 07:37:37	31	60 SET			15.5 DEGREE SET DSC-60					1V
948	128 11:31:49	31	40RISE			10.2 DEGREE RISE DSC-40					1V
949	128 12:00:00	31				VGR-31 OWLT IS 12H 07M 32S					1L
950	128 14:50:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9402					1DP
951	128 14:50:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9402					1DP
952	128 15:31:14	31	10 SET			10.2 DEGREE SET DSC-10					1V
953	128 20:25:59	31	60RISE			10.2 DEGREE RISE DSC-60					1V
954	128 20:33:09	31	40 SET			10.2 DEGREE SET DSC-40					1V
955	129 00:00:00	31				VGR-31 OWLT IS 12H 07M 33S					1L
956	129 01:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9402 (D/L ONLY)					1DP
957	129 01:30:00	31				CFG CODES					1DP
958	129 01:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9402 (D/L ONLY)					1DP
959	129 01:30:00	31				CFG CODES					1DP
960	129 03:58:49	31	10RISE			10.2 DEGREE RISE DSC-10					1V
961	129 05:29:46	31			AC7SSB	(4 +151) SS BIAS CONTROL --- YAW	AACS		36600:01:003F	03-128/17:22:12	1ECa
962	129 07:15:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9403 (D/L ONLY)					1DP
963	129 07:15:00	31				CFG CODES					1DP
964	129 07:20:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9402					1DP



FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
965	129 07:20:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9402					1DP
966	129 07:33:38	31	60 SET			15.5 DEGREE SET DSC-60					1V
967	129 07:45:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9403 (D/L ONLY)					1DP
968	129 07:45:00	31				CFG CODES					1DP
969	129 08:28:46	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
970	129 08:28:46	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
971	129 08:32:10	31				B- MAGROLBC.31			36603:49:001F	03-128/20:24:35	1TB
972	129 08:32:10	31				BEGIN MAGROLBC31			36603:49:001F	03-128/20:24:35	1T
973	129 08:32:10	31				B- YAW10			36603:49:001F	03-128/20:24:35	1TB
974	129 08:32:10	31				YAW10			36603:49:001F	03-128/20:24:35	1T
975	129 08:32:10	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		36603:49:004F	03-128/20:24:36	1ECa
976	129 08:32:59	31				B- DRCR5T			36603:50:018F	03-128/20:25:24	1TB
977	129 08:32:59	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		36603:50:026F	03-128/20:25:25	1ECf
978	129 08:33:46	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	36603:51:001F	03-128/20:26:11	1ESF
979	129 08:33:46	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		36603:51:002F	03-128/20:26:11	1ECs



FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
999	129 14:33:11	31			AC7PAR	(7530 000000) PARAMETER LOAD	AACS		36611:20:220F	03-129/02:25:37	1ECa
1000	129 14:33:41	31			CC7SS	(1) SS SEARCH ENABLE	AACS		36611:20:719F	03-129/02:26:07	1ECa
1001	129 14:33:41	31				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS	36611:20:719F	03-129/02:26:07	1ESa	
1002	129 14:33:41	31			CC7PC	(327) IDET ACQUIRED	AACS		36611:20:719F	03-129/02:26:07	1ECa
1003	129 14:33:41	31			CC7GARP	GYRO A OFF	PWR		36611:20:720F	03-129/02:26:07	1ECp
1004	129 14:33:41	31			CC7GARP	GYRO A OFF	PWR		36611:20:722F	03-129/02:26:07	1ECp
1005	129 14:33:41	31			CC7PC	(352) GYRO A OFF	AACS		36611:20:724F	03-129/02:26:07	1ECa
1006	129 14:33:41	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		36611:20:725F	03-129/02:26:07	1ECp
1007	129 14:33:41	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		36611:20:727F	03-129/02:26:07	1ECp
1008	129 14:33:42	31			CC7PC	(312) DUMMY PWR CMD	AACS		36611:20:729F	03-129/02:26:07	1ECa
1009	129 14:39:41	31			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		36611:28:319F	03-129/02:32:07	1ECa
1010	129 14:40:46	31				GYROS OFF			36611:29:601F	03-129/02:33:11	1T
1011	129 14:40:46	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS	36611:29:602F	03-129/02:33:12	1ESa	
1012	129 14:40:46	31			CC7PC	(307) STAR ACQUIRED	AACS		36611:29:602F	03-129/02:33:12	1ECa
1013	129 14:40:46	31			CC7GCRP	GYRO C OFF	PWR		36611:29:603F	03-129/02:33:12	1ECp
1014	129 14:40:46	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS	36611:29:603F	03-129/02:33:12	1ESa	

## FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1015	129 14:40:46	31			CC7GCRP	GYRO C OFF	PWR		36611:29:605F	03-129/02:33:12	1ECp
1016	129 14:40:46	31			CC7PC	(372) GYRO C OFF	AACS		36611:29:607F	03-129/02:33:12	1ECa
1017	129 14:40:46	31			CC7GBRP	GYRO B OFF	PWR		36611:29:608F	03-129/02:33:12	1ECp
1018	129 14:40:46	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GYRO C: OFF	AACS		36611:29:608F	03-129/02:33:12	1ESa
1019	129 14:40:46	31			CC7GBRP	GYRO B OFF	PWR		36611:29:610F	03-129/02:33:12	1ECp
1020	129 14:40:47	31			CC7PC	(362) GYRO B OFF	AACS		36611:29:612F	03-129/02:33:12	1ECa
1021	129 14:40:47	31			CC7GARP	GYRO A OFF	PWR		36611:29:613F	03-129/02:33:12	1ECp
1022	129 14:40:47	31			CC7GARP	GYRO A OFF	PWR		36611:29:615F	03-129/02:33:12	1ECp
1023	129 14:40:47	31			CC7PC	(352) GYRO A OFF	AACS		36611:29:617F	03-129/02:33:12	1ECa
1024	129 14:40:47	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		36611:29:617F	03-129/02:33:12	1ECp
1025	129 14:40:47	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		36611:29:619F	03-129/02:33:13	1ECp
1026	129 14:40:47	31			CC7PC	(312) DUMMY PWR CMD	AACS		36611:29:622F	03-129/02:33:13	1ECa
1027	129 14:47:58	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1028	129 14:47:58	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
1029	129 14:49:11	31				B- YAWDB			36611:40:218F	03-129/02:41:36	1TB
1030	129 14:49:11	31				YAWDB - .10			36611:40:218F	03-129/02:41:36	1T
1031	129 14:49:11	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		36611:40:221F	03-129/02:41:37	1ECa
1032	129 14:52:11	31				B- DRCRUS			36611:44:018F	03-129/02:44:36	1TB

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1033	129 14:52:11	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		36611:44:026F	03-129/02:44:37	1ECf
1034	129 14:52:58	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	36611:45:001F	03-129/02:45:23	1ESf
1035	129 14:52:58	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		36611:45:002F	03-129/02:45:23	1ECs
1036	129 14:52:59	31				END MAGROLBC31			36611:45:018F	03-129/02:45:24	1T
1037	129 14:52:59	31				END GAIN31			36611:45:018F	03-129/02:45:24	1T
1038	129 15:15:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9403					1DP
1039	129 15:15:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9403					1DP
1040	129 15:27:16	31	10 SET			10.2 DEGREE SET DSC-10					1V
1041	129 20:22:00	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1042	129 20:29:11	31	40 SET			10.2 DEGREE SET DSC-40					1V
1043	129 20:35:23	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		36618:53:002F	03-129/08:27:48	1ECd
1044	129 20:35:23	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2344	DTR		36618:53:002F	03-129/08:27:48	1ESd
1045	129 20:48:46	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		36619:09:577F	03-129/08:41:10	1ECd
1046	129 20:48:46	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2055	DTR		36619:09:577F	03-129/08:41:10	1ESd

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1047	129 23:32:47	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1048	129 23:32:47	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
1049	129 23:33:35	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1050	129 23:33:35	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
1051	129 23:35:23	31			CC16C	(7017) DTR STATE SELECT: READY	DTR		36622:38:002F	03-129/11:27:48	1ECd
1052	129 23:35:23	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2055	DTR		36622:38:002F	03-129/11:27:48	1ESd
1053	129 23:36:11	31				AHEL11 PWSREC 16			36622:39:001F	03-129/11:28:35	1T
1054	129 23:36:11	31				B- PWSREC.31			36622:39:001F	03-129/11:28:35	1TB
1055	129 23:36:11	31				BEGIN PWSREC.31			36622:39:001F	03-129/11:28:35	1T
1056	129 23:36:11	31			SC32AJ	(10) PLS CONFIG CMD	FDS		36622:39:009F	03-129/11:28:36	1ECf
1057	129 23:36:59	31				B- DRGS4B			36622:40:001F	03-129/11:29:23	1TB
1058	129 23:36:59	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		36622:40:009F	03-129/11:29:24	1ECf
1059	129 23:37:43	31				BEGIN RECORDING PWS DATA			36622:40:734F	03-129/11:30:07	1T
1060	129 23:37:43	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		36622:40:735F	03-129/11:30:08	1ECd

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1061	129 23:37:43	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:2055	DTR		36622:40:735F	03-129/11:30:08	1ESd
1062	129 23:37:47	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	36622:41:001F	03-129/11:30:11	1ESf
1063	129 23:37:47	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		36622:41:002F	03-129/11:30:12	1ECs
1064	129 23:37:48	31				B- DRCRUS			36622:41:018F	03-129/11:30:12	1TB
1065	129 23:37:48	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		36622:41:026F	03-129/11:30:13	1ECf
1066	129 23:38:35	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	36622:42:001F	03-129/11:30:59	1ESf
1067	129 23:38:35	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		36622:42:002F	03-129/11:31:00	1ECs
1068	129 23:38:35	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		36622:42:002F	03-129/11:31:00	1ECd
1069	129 23:38:35	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2348	DTR		36622:42:002F	03-129/11:31:00	1ESd

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1070	129 23:39:23	31			SC32AJ	(11) PLS CONFIG CMD	FDS		36622:43:009F	03-129/11:31:48	1ECf
1071	129 23:39:24	31				END PWSREC.31			36622:43:018F	03-129/11:31:48	1T
1072	130 00:00:00	31				VGR-31 OWLT IS 12H 07M 35S					1L
1073	130 01:44:59	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		36625:20:002F	03-129/13:37:24	1ECd
1074	130 01:44:59	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2354	DTR		36625:20:002F	03-129/13:37:24	1ESd
1075	130 01:45:27	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		36625:20:461F	03-129/13:37:51	1ECd
1076	130 01:45:27	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2344	DTR		36625:20:461F	03-129/13:37:51	1ESd
1077	130 03:54:50	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1078	130 04:45:00	31			CC16C	(7013) DTR STATE SELECT: READY	DTR		36629:05:002F	03-129/16:37:24	1ECd
1079	130 04:45:00	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:2344	DTR		36629:05:002F	03-129/16:37:24	1ESd
1080	130 06:45:00	31	24 AOS	OPCH ACE		AOS DSS-24 PASS-9404 (D/L ONLY)					1DP
1081	130 06:45:00	31				CFG CODES					1DP
1082	130 06:45:00	31	24 AOS	OPCH ACE		AOS DSS-24 PASS-9404 (D/L ONLY)					1DP
1083	130 06:45:00	31				CFG CODES					1DP
1084	130 07:29:39	31	60 SET			15.5 DEGREE SET DSC-60					1V
1085	130 11:08:12	31				B- UVSLEW			36637:04:001F	03-129/23:00:35	1TB



FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1086	130 11:08:12	31				SLEW TO HELIO-11B			36637:04:001F	03-129/23:00:35	1T
1087	130 11:08:12	31				B- PLATPOB			36637:04:001F	03-129/23:00:35	1TB
1088	130 11:08:12	31			AC7SPK	(2 12 1 098 211) AZ SLEW R=LOW	AACS		36637:04:003F	03-129/23:00:36	1ECa
1089	130 11:08:12	31			AC7SPK	(1 12 2 068 132) EL SLEW R=LOW	AACS		36637:04:005F	03-129/23:00:36	1ECa
1090	130 11:23:54	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1091	130 11:34:50	31				B- SLEND			36637:37:234F	03-129/23:27:13	1TB
1092	130 11:34:50	31			SLEWEND	AZ=124.998 EL=176.039 CO=169.795			36637:37:234F	03-129/23:27:13	1T
1093	130 12:00:00	31	24 LOS	OPCH ACE		LOS DSS-24 PASS-9404					1DP
1094	130 12:00:00	31	24 LOS	OPCH ACE		LOS DSS-24 PASS-9404					1DP
1095	130 12:00:00	31				VGR-31 OWLT IS 12H 07M 36S					1L
1096	130 15:23:19	31	10 SET			10.2 DEGREE SET DSC-10					1V
1097	130 20:18:02	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1098	130 20:25:12	31	40 SET			10.2 DEGREE SET DSC-40					1V
1099	130 21:30:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9404 (D/L ONLY)					1DP
1100	130 21:30:00	31				CFG CODES					1DP
1101	130 21:30:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9404 (D/L ONLY)					1DP
1102	130 21:30:00	31				CFG CODES					1DP
1103	131 00:00:00	31				VGR-31 OWLT IS 12H 07M 37S					1L
1104	131 00:40:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9404					1DP
1105	131 00:40:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9404					1DP
1106	131 00:50:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9404 (D/L ONLY)					1DP
1107	131 00:50:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1108	131 00:50:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9404 (D/L ONLY)					1DP
1109	131 00:50:00	31				CFG CODES					1DP
1110	131 03:50:52	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1111	131 07:15:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9404					1DP
1112	131 07:15:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9404					1DP
1113	131 07:25:40	31	60 SET			15.5 DEGREE SET DSC-60					1V
1114	131 10:50:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9405 (D/L ONLY)					1DP
1115	131 10:50:00	31				CFG CODES					1DP
1116	131 11:00:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9405 (D/L ONLY)					1DP
1117	131 11:00:00	31				CFG CODES					1DP
1118	131 11:08:14	31				B- UVSLEW			36667:04:001F	03-130/23:00:35	1TB
1119	131 11:08:14	31				SLEW TO HELIO-12B			36667:04:001F	03-130/23:00:35	1T
1120	131 11:08:14	31				B- PLATPOA			36667:04:001F	03-130/23:00:35	1TB
1121	131 11:08:14	31			AC7SPK	(1 12 1 075 107) EL SLEW R=LOW	AACS		36667:04:003F	03-130/23:00:36	1ECa
1122	131 11:10:33	31				B- SLEND			36667:06:718F	03-130/23:02:54	1TB
1123	131 11:10:33	31			SLEWEND	AZ=124.998 EL=165.557 CO=160.188			36667:06:718F	03-130/23:02:54	1T
1124	131 11:19:57	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1125	131 12:00:00	31				VGR-31 OWLT IS 12H 07M 38S					1L
1126	131 15:05:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9405					1DP
1127	131 15:05:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9405					1DP
1128	131 15:19:21	31	10 SET			10.2 DEGREE SET DSC-10					1V
1129	131 20:14:03	31	60RISE			10.2 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1130	131 20:21:13	31	40 SET			10.2 DEGREE SET DSC-40					1V
1131	131 21:25:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9405 (D/L ONLY)					1DP
1132	131 21:25:00	31				CFG CODES					1DP
1133	131 21:25:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9405 (D/L ONLY)					1DP
1134	131 21:25:00	31				CFG CODES					1DP
1135	132 00:00:00	31				VGR-31 OWLT IS 12H 07M 39S					1L
1136	132 00:40:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9405					1DP
1137	132 00:40:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9405					1DP
1138	132 00:50:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9405 (D/L ONLY)					1DP
1139	132 00:50:00	31				CFG CODES					1DP
1140	132 00:50:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9405 (D/L ONLY)					1DP
1141	132 00:50:00	31				CFG CODES					1DP
1142	132 03:46:53	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1143	132 06:50:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9406 (D/L ONLY)					1DP
1144	132 06:50:00	31				CFG CODES					1DP
1145	132 07:10:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9405					1DP
1146	132 07:21:41	31	60 SET			15.5 DEGREE SET DSC-60					1V
1147	132 07:35:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9406 (D/L ONLY)					1DP
1148	132 07:35:00	31				CFG CODES					1DP
1149	132 07:55:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9405					1DP

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1150	132 11:08:16	31				B- UVSLEW			36697:04:001F	03-131/23:00:35	1TB
1151	132 11:08:16	31				SLEW TO HELIO-13B			36697:04:001F	03-131/23:00:35	1T
1152	132 11:08:16	31				B- PLATPOA			36697:04:001F	03-131/23:00:35	1TB
1153	132 11:08:16	31			AC7SPK	(1 12 2 083 117) EL SLEW R=LOW	AACS		36697:04:003F	03-131/23:00:36	1ECa
1154	132 11:10:42	31				B- SLEND			36697:07:034F	03-131/23:03:01	1TB
1155	132 11:10:42	31			SLEWEND	AZ=124.998 EL=154.034 CO=149.004			36697:07:034F	03-131/23:03:01	1T
1156	132 11:15:59	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1157	132 12:00:00	31				VGR-31 OWLT IS 12H 07M 41S					1L
1158	132 14:25:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9406					1DP
1159	132 14:25:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9406					1DP
1160	132 15:15:24	31	10 SET			10.2 DEGREE SET DSC-10					1V
1161	132 20:00:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9406 (U/L PASS)					1DP
1162	132 20:00:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9406 (U/L PASS)					1DP
1163	132 20:10:04	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1164	132 20:17:14	31	40 SET			10.2 DEGREE SET DSC-40					1V
1165	133 00:00:00	31				VGR-31 OWLT IS 12H 07M 42S					1L
1166	133 00:40:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9406					1DP
1167	133 00:40:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9406					1DP
1168	133 03:42:54	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1169	133 04:30:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9407 (D/L ONLY)					1DP
1170	133 04:30:00	31				CFG CODES					1DP
1171	133 04:30:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9407 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1172	133 04:30:00	31				CFG CODES					1DP
1173	133 07:17:41	31	60	SET		15.5 DEGREE SET DSC-60					1V
1174	133 11:08:19	31				B- UVSLEW			36727:04:001F	03-132/23:00:35	1TB
1175	133 11:08:19	31				SLEW TO HELIO-14B			36727:04:001F	03-132/23:00:35	1T
1176	133 11:08:19	31				B- PLATPOA			36727:04:001F	03-132/23:00:35	1TB
1177	133 11:08:19	31			AC7SPK	(1 12 2 090 170) EL SLEW R=LOW	AACS		36727:04:003F	03-132/23:00:36	1ECa
1178	133 11:10:15	31				B- SLEND			36727:06:334F	03-132/23:02:31	1TB
1179	133 11:10:15	31			SLEWEND	AZ=124.998 EL=145.026 CO=140.137			36727:06:334F	03-132/23:02:31	1T
1180	133 11:12:02	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
1181	133 12:00:00	31				VGR-31 OWLT IS 12H 07M 43S					1L
1182	133 14:20:00	31	26	LOS	OPCH ACE	LOS DSS-26 PASS-9407					1DP
1183	133 14:30:00	31	26	LOS	OPCH ACE	LOS DSS-26 PASS-9407					1DP
1184	133 15:11:26	31	10	SET		10.2 DEGREE SET DSC-10					1V
1185	133 17:08:55	31			ACE OPCH	>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
1186	133 17:08:55	31			ACE OPCH	>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1187	133 17:09:43	31			ACE OPCH	>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
1188	133 17:09:43	31			ACE OPCH	>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1189	133 17:12:19	31				BEGIN PWSREC.31			36734:39:001F	03-133/05:04:35	1T
1190	133 17:12:19	31			SC32AJ	(10) PLS CONFIG CMD	FDS		36734:39:010F	03-133/05:04:36	1ECF

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1191	133 17:13:07	31				B- DRGS4B			36734:40:001F	03-133/05:05:23	1TB
1192	133 17:13:07	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		36734:40:009F	03-133/05:05:24	1ECf
1193	133 17:13:51	31				BEGIN RECORDING PWS DATA			36734:40:734F	03-133/05:06:07	1T
1194	133 17:13:51	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		36734:40:735F	03-133/05:06:08	1ECd
1195	133 17:13:51	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:3 TIC:2344	DTR		36734:40:735F	03-133/05:06:08	1ESd
1196	133 17:13:55	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	36734:41:001F	03-133/05:06:11	1ESf
1197	133 17:13:55	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		36734:41:002F	03-133/05:06:12	1ECs
1198	133 17:13:56	31				B- DRCRUS			36734:41:018F	03-133/05:06:12	1TB
1199	133 17:13:56	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		36734:41:026F	03-133/05:06:13	1ECf
1200	133 17:14:43	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	36734:42:001F	03-133/05:06:59	1ESf

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1201	133 17:14:43	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		36734:42:002F	03-133/05:07:00	1ECs
1202	133 17:14:43	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		36734:42:002F	03-133/05:07:00	1ECd
1203	133 17:14:43	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:2637	DTR		36734:42:002F	03-133/05:07:00	1ESd
1204	133 17:15:31	31			SC32AJ	(11) PLS CONFIG CMD	FDS		36734:43:009F	03-133/05:07:48	1ECf
1205	133 17:15:32	31				END PWSREC.31			36734:43:018F	03-133/05:07:48	1T
1206	133 19:39:32	31			AC7SSB	(4 +150) SS BIAS CONTROL --- YAW	AACS		36737:43:003F	03-133/07:31:48	1ECa
1207	133 20:06:05	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1208	133 20:13:15	31	40 SET			10.2 DEGREE SET DSC-40					1V
1209	133 20:35:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9407 (D/L ONLY)					1DP
1210	133 20:35:00	31				CFG CODES					1DP
1211	133 20:35:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9407 (D/L ONLY)					1DP
1212	133 20:35:00	31				CFG CODES					1DP
1213	134 00:00:00	31				VGR-31 OWLT IS 12H 07M 44S					1L
1214	134 01:40:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9407 (D/L ONLY)					1DP
1215	134 01:40:00	31				CFG CODES					1DP
1216	134 01:40:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9407 (D/L ONLY)					1DP
1217	134 01:40:00	31				CFG CODES					1DP
1218	134 02:00:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9407					1DP

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1219	134 02:00:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9407					1DP
1220	134 03:38:55	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1221	134 06:35:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9408 (D/L ONLY)					1DP
1222	134 06:35:00	31				CFG CODES					1DP
1223	134 06:35:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9408 (D/L ONLY)					1DP
1224	134 06:35:00	31				CFG CODES					1DP
1225	134 06:55:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9407					1DP
1226	134 06:55:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9407					1DP
1227	134 07:13:40	31	60 SET			15.5 DEGREE SET DSC-60					1V
1228	134 11:08:05	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1229	134 11:08:21	31				B- UVSLEW			36757:04:001F	03-133/23:00:35	1TB
1230	134 11:08:21	31				SLEW TO HELIO-15B			36757:04:001F	03-133/23:00:35	1T
1231	134 11:08:21	31				B- PLATPOA			36757:04:001F	03-133/23:00:35	1TB
1232	134 11:08:21	31			AC7SPK	(1 12 1 096 119) EL SLEW R=LOW	AACS		36757:04:003F	03-133/23:00:36	1ECa
1233	134 11:10:26	31				B- SLEND			36757:06:484F	03-133/23:02:40	1TB
1234	134 11:10:26	31			SLEWEND	AZ=124.998 EL=135.230 CO=130.413			36757:06:484F	03-133/23:02:40	1T
1235	134 12:00:00	31				VGR-31 OWLT IS 12H 07M 45S					1L
1236	134 14:20:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9408					1DP
1237	134 14:20:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9408					1DP
1238	134 15:07:29	31	10 SET			10.2 DEGREE SET DSC-10					1V
1239	134 19:55:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9408 (D/L ONLY)					1DP
1240	134 19:55:00	31				CFG CODES					1DP



FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1241	134 19:55:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9408 (D/L ONLY)					1DP
1242	134 19:55:00	31				CFG CODES					1DP
1243	134 20:02:06	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1244	134 20:09:16	31	40 SET			10.2 DEGREE SET DSC-40					1V
1245	135 00:00:00	31				VGR-31 OWLT IS 12H 07M 47S					1L
1246	135 00:10:00	31	54 AOS	OPCH ACE		AOS DSS-54 PASS-9408 (D/L ONLY)					1DP
1247	135 00:10:00	31				CFG CODES					1DP
1248	135 00:10:00	31	54 AOS	OPCH ACE		AOS DSS-54 PASS-9408 (D/L ONLY)					1DP
1249	135 00:10:00	31				CFG CODES					1DP
1250	135 00:30:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9408					1DP
1251	135 00:30:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9408					1DP
1252	135 03:34:57	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1253	135 05:25:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9409 (D/L ONLY)					1DP
1254	135 05:25:00	31				CFG CODES					1DP
1255	135 05:25:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9409 (D/L ONLY)					1DP
1256	135 05:25:00	31				CFG CODES					1DP
1257	135 05:30:00	31	54 LOS	OPCH ACE		LOS DSS-54 PASS-9408					1DP
1258	135 05:45:00	31	54 LOS	OPCH ACE		LOS DSS-54 PASS-9408					1DP
1259	135 07:09:41	31	60 SET			15.5 DEGREE SET DSC-60					1V
1260	135 11:04:07	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1261	135 11:08:24	31				B- UVSLEW			36787:04:001F	03-134/23:00:35	1TB

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1262	135 11:08:24	31				SLEW TO HELIO-16B			36787:04:001F	03-134/23:00:35	1T
1263	135 11:08:24	31				B- PLATPOA			36787:04:001F	03-134/23:00:35	1TB
1264	135 11:08:24	31			AC7SPK	(1 12 2 111 207) EL SLEW R=LOW	AACS		36787:04:003F	03-134/23:00:36	1ECa
1265	135 11:12:47	31				B- SLEND			36787:09:384F	03-134/23:04:58	1TB
1266	135 11:12:47	31			SLEWEND	AZ=124.998 EL=114.035 CO=109.330			36787:09:384F	03-134/23:04:58	1T
1267	135 12:00:00	31				VGR-31 OWLT IS 12H 07M 48S					1L
1268	135 14:15:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9409					1DP
1269	135 14:15:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9409					1DP
1270	135 15:03:31	31	10 SET			10.2 DEGREE SET DSC-10					1V
1271	135 15:33:48	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN D/L CARRIER SIG LEVEL					11EC
1272	135 15:38:48	31				X BAND LOW POWER			36792:42:001F	03-135/03:30:59	1T
1273	135 15:38:48	31			DC2HR	X-BAND TWT LOW POWER	RFS		36792:42:002F	03-135/03:30:59	1ECr
1274	135 15:42:48	31			CC1T	BAY 1 HTR ON	PWR		36792:47:002F	03-135/03:34:59	1ECp
1275	135 15:42:49	31				END PWSPBA31			36792:47:018F	03-135/03:35:00	1T
1276	135 19:58:07	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1277	135 20:05:17	31	40 SET			10.2 DEGREE SET DSC-40					1V
1278	135 21:45:00	31	54 AOS	OPCH ACE		AOS DSS-54 PASS-9409 (D/L ONLY)					1DP
1279	135 21:45:00	31				CFG CODES					1DP
1280	135 22:15:00	31	54 AOS	OPCH ACE		AOS DSS-54 PASS-9409 (D/L ONLY)					1DP
1281	135 22:15:00	31				CFG CODES					1DP
1282	136 00:00:00	31				VGR-31 OWLT IS 12H 07M 49S					1L
1283	136 01:45:00	31	54 LOS	OPCH ACE		LOS DSS-54 PASS-9409					1DP

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1284	136 01:45:00	31	54 LOS	OPCH ACE		LOS DSS-54 PASS-9409					1DP
1285	136 03:30:58	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1286	136 03:45:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9410 (D/L ONLY)					1DP
1287	136 03:45:00	31				CFG CODES					1DP
1288	136 03:45:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9410 (D/L ONLY)					1DP
1289	136 03:45:00	31				CFG CODES					1DP
1290	136 07:05:42	31	60 SET			15.5 DEGREE SET DSC-60					1V
1291	136 08:20:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9410					1DP
1292	136 08:20:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9410					1DP
1293	136 10:25:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9410 (D/L ONLY)					1DP
1294	136 10:25:00	31				CFG CODES					1DP
1295	136 10:25:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9410 (D/L ONLY)					1DP
1296	136 10:25:00	31				CFG CODES					1DP
1297	136 11:00:10	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1298	136 11:08:27	31				B- UVSLEW			36817:04:001F	03-135/23:00:35	1TB
1299	136 11:08:27	31				SLEW TO HELIO-17B			36817:04:001F	03-135/23:00:35	1T
1300	136 11:08:27	31				B- PLATPOA			36817:04:001F	03-135/23:00:35	1TB
1301	136 11:08:27	31			AC7SPK	(1 12 2 127 225) EL SLEW R=LOW	AACS		36817:04:003F	03-135/23:00:36	1ECa
1302	136 11:13:12	31				B- SLEND			36817:09:751F	03-135/23:05:20	1TB
1303	136 11:13:12	31			SLEWEND	AZ=124.998 EL=91.041 CO=86.448			36817:09:751F	03-135/23:05:20	1T
1304	136 12:00:00	31				VGR-31 OWLT IS 12H 07M 51S					1L

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1305	136 14:10:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9410					1DP
1306	136 14:15:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9410					1DP
1307	136 14:59:33	31	10 SET			10.2 DEGREE SET DSC-10					1V
1308	136 19:54:08	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1309	136 20:01:18	31	40 SET			10.2 DEGREE SET DSC-40					1V
1310	136 20:11:40	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		36828:23:002F	03-136/08:03:48	1ECd
1311	136 20:11:40	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2643	DTR		36828:23:002F	03-136/08:03:48	1ESd
1312	136 20:25:03	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		36828:39:577F	03-136/08:17:10	1ECd
1313	136 20:25:03	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2354	DTR		36828:39:577F	03-136/08:17:10	1ESd
1314	136 23:09:04	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1315	136 23:09:04	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
1316	136 23:09:52	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1317	136 23:09:52	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1318	136 23:11:40	31			CC16C	(7017) DTR STATE SELECT: READY	DTR		36832:08:002F	03-136/11:03:48	1ECd

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1319	136 23:11:40	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2354	DTR		36832:08:002F	03-136/11:03:48	1ESd
1320	136 23:12:28	31				AHELII PWSREC 17			36832:09:001F	03-136/11:04:35	1T
1321	136 23:12:28	31				B- PWSREC.31			36832:09:001F	03-136/11:04:35	1TB
1322	136 23:12:28	31				BEGIN PWSREC.31			36832:09:001F	03-136/11:04:35	1T
1323	136 23:12:28	31			SC32AJ	(10) PLS CONFIG CMD	FDS		36832:09:009F	03-136/11:04:36	1ECf
1324	136 23:13:16	31				B- DRGS4B			36832:10:001F	03-136/11:05:23	1TB
1325	136 23:13:16	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		36832:10:009F	03-136/11:05:24	1ECf
1326	136 23:14:00	31				BEGIN RECORDING PWS DATA			36832:10:734F	03-136/11:06:07	1T
1327	136 23:14:00	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		36832:10:735F	03-136/11:06:08	1ECd
1328	136 23:14:00	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:2354	DTR		36832:10:735F	03-136/11:06:08	1ESd
1329	136 23:14:04	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	36832:11:001F	03-136/11:06:11	1ESf
1330	136 23:14:04	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		36832:11:002F	03-136/11:06:11	1ECs
1331	136 23:14:05	31				B- DRCRUS			36832:11:018F	03-136/11:06:12	1TB

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1332	136 23:14:05	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		36832:11:026F	03-136/11:06:13	1ECf
1333	136 23:14:52	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	36832:12:001F	03-136/11:06:59	1ESf
1334	136 23:14:52	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		36832:12:002F	03-136/11:06:59	1ECs
1335	136 23:14:52	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		36832:12:002F	03-136/11:07:00	1ECd
1336	136 23:14:52	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2647	DTR		36832:12:002F	03-136/11:07:00	1ESd
1337	136 23:15:40	31			SC32AJ	(11) PLS CONFIG CMD	FDS		36832:13:009F	03-136/11:07:48	1ECf
1338	136 23:15:41	31				END PWSREC.31			36832:13:018F	03-136/11:07:48	1T
1339	137 00:00:00	31				VGR-31 OWLT IS 12H 07M 52S					1L
1340	137 01:21:16	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		36834:50:002F	03-136/13:13:24	1ECd
1341	137 01:21:16	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2653	DTR		36834:50:002F	03-136/13:13:24	1ESd
1342	137 01:21:43	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		36834:50:460F	03-136/13:13:51	1ECd
1343	137 01:21:43	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2643	DTR		36834:50:460F	03-136/13:13:51	1ESd

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1344	137 03:26:59	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1345	137 04:10:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9411 (D/L ONLY)					1DP
1346	137 04:10:00	31				CFG CODES					1DP
1347	137 04:10:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9411 (D/L ONLY)					1DP
1348	137 04:10:00	31				CFG CODES					1DP
1349	137 04:21:17	31			CC16C	(7013) DTR STATE SELECT: READY	DTR		36838:35:002F	03-136/16:13:24	1ECd
1350	137 04:21:17	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:2643	DTR		36838:35:002F	03-136/16:13:24	1ESd
1351	137 05:24:29	31			AC7SSB	(3 -006) SS BIAS CONTROL - PITCH	AACS		36839:54:003F	03-136/17:16:36	1ECa
1352	137 07:01:43	31	60 SET			15.5 DEGREE SET DSC-60					1V
1353	137 08:15:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9411					1DP
1354	137 08:15:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9411					1DP
1355	137 09:45:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9411 (D/L ONLY)					1DP
1356	137 09:45:00	31				CFG CODES					1DP
1357	137 09:45:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9411 (D/L ONLY)					1DP
1358	137 09:45:00	31				CFG CODES					1DP
1359	137 10:56:12	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1360	137 11:08:29	31				B- UVSLEW			36847:04:001F	03-136/23:00:35	1TB
1361	137 11:08:29	31				SLEW TO HELIO-18B			36847:04:001F	03-136/23:00:35	1T
1362	137 11:08:29	31				B- PLATPOA			36847:04:001F	03-136/23:00:35	1TB

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1363	137 11:08:29	31			AC7SPK	(1 12 2 141 139) EL SLEW R=LOW	AACS		36847:04:003F	03-136/23:00:36	1Eca
1364	137 11:12:38	31				B- SLEND			36847:09:151F	03-136/23:04:44	1TB
1365	137 11:12:38	31			SLEWEND	AZ=124.998 EL=71.021 CO=66.570			36847:09:151F	03-136/23:04:44	1T
1366	137 12:00:00	31				VGR-31 OWLT IS 12H 07M 53S					1L
1367	137 14:10:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9411					1DP
1368	137 14:10:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9411					1DP
1369	137 14:55:36	31	10 SET			10.2 DEGREE SET DSC-10					1V
1370	137 16:45:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-9411 (D/L ONLY)					1DP
1371	137 16:45:00	31				CFG CODES					1DP
1372	137 19:10:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-9411					1DP
1373	137 19:40:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9411 (D/L ONLY)					1DP
1374	137 19:40:00	31				CFG CODES					1DP
1375	137 19:40:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9411 (D/L ONLY)					1DP
1376	137 19:40:00	31				CFG CODES					1DP
1377	137 19:50:09	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1378	137 19:57:20	31	40 SET			10.2 DEGREE SET DSC-40					1V
1379	138 00:00:00	31				VGR-31 OWLT IS 12H 07M 55S					1L
1380	138 01:25:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9411					1DP
1381	138 01:25:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9411					1DP
1382	138 03:23:00	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1383	138 04:10:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9412 (D/L ONLY)					1DP



FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1384	138 04:10:00	31				CFG CODES					1DP
1385	138 04:10:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9412 (D/L ONLY)					1DP
1386	138 04:10:00	31				CFG CODES					1DP
1387	138 06:57:44	31	60 SET			15.5 DEGREE SET DSC-60					1V
1388	138 09:49:20	31			AC7SSB	(4 +149) SS BIAS CONTROL --- YAW	AACS		36875:25:003F	03-137/21:41:24	1ECa
1389	138 10:52:14	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1390	138 11:08:32	31				B- UVSLEW			36877:04:001F	03-137/23:00:35	1TB
1391	138 11:08:32	31				SLEW TO HELIO-19B			36877:04:001F	03-137/23:00:35	1T
1392	138 11:08:32	31				B- PLATPOA			36877:04:001F	03-137/23:00:35	1TB
1393	138 11:08:32	31			AC7SPK	(1 12 2 157 158) EL SLEW R=LOW	AACS		36877:04:003F	03-137/23:00:36	1ECa
1394	138 11:13:17	31				B- SLEND			36877:09:751F	03-137/23:05:20	1TB
1395	138 11:13:17	31			SLEWEND	AZ=124.998 EL=48.039 CO=43.728			36877:09:751F	03-137/23:05:20	1T
1396	138 12:00:00	31				VGR-31 OWLT IS 12H 07M 56S					1L
1397	138 14:00:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9412					1DP
1398	138 14:00:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9412					1DP
1399	138 14:51:38	31	10 SET			10.2 DEGREE SET DSC-10					1V
1400	138 19:46:11	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1401	138 19:53:21	31	40 SET			10.2 DEGREE SET DSC-40					1V
1402	139 00:00:00	31				VGR-31 OWLT IS 12H 07M 58S					1L
1403	139 03:10:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9413 (D/L ONLY)					1DP
1404	139 03:10:00	31				CFG CODES					1DP
1405	139 03:19:02	31	10RISE			10.2 DEGREE RISE DSC-10					1V

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1406	139 06:25:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9413 (D/L ONLY)					1DP
1407	139 06:25:00	31				CFG CODES					1DP
1408	139 06:25:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9413 (D/L ONLY)					1DP
1409	139 06:25:00	31				CFG CODES					1DP
1410	139 06:45:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9413					1DP
1411	139 06:53:45	31	60 SET			15.5 DEGREE SET DSC-60					1V
1412	139 10:48:17	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1413	139 11:08:35	31				B- UVSLEW			36907:04:001F	03-138/23:00:35	1TB
1414	139 11:08:35	31				SLEW TO HELIO-20B			36907:04:001F	03-138/23:00:35	1T
1415	139 11:08:35	31				B- PLATPOA			36907:04:001F	03-138/23:00:35	1TB
1416	139 11:08:35	31			AC7SPK	(1 12 2 173 176) EL SLEW R=LOW	AACS		36907:04:003F	03-138/23:00:36	1ECa
1417	139 11:13:20	31				B- SLEND			36907:09:751F	03-138/23:05:20	1TB
1418	139 11:13:20	31			SLEWEND	AZ=124.998 EL=25.034 CO=21.163			36907:09:751F	03-138/23:05:20	1T
1419	139 12:00:00	31				VGR-31 OWLT IS 12H 07M 59S					1L
1420	139 14:00:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9413					1DP
1421	139 14:00:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9413					1DP
1422	139 14:47:40	31	10 SET			10.2 DEGREE SET DSC-10					1V
1423	139 19:35:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9413 (U/L PASS)					1DP
1424	139 19:35:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9413 (U/L PASS)					1DP
1425	139 19:42:12	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1426	139 19:49:22	31	40 SET			10.2 DEGREE SET DSC-40					1V
1427	140 00:00:00	31				VGR-31 OWLT IS 12H 08M 01S					1L

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1428	140 00:05:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9413 (D/L ONLY)					1DP
1429	140 00:05:00	31				CFG CODES					1DP
1430	140 00:05:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9413 (D/L ONLY)					1DP
1431	140 00:05:00	31				CFG CODES					1DP
1432	140 00:25:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9413					1DP
1433	140 00:25:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9413					1DP
1434	140 03:15:03	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1435	140 05:25:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9414 (D/L ONLY)					1DP
1436	140 05:25:00	31				CFG CODES					1DP
1437	140 05:25:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9414 (D/L ONLY)					1DP
1438	140 05:25:00	31				CFG CODES					1DP
1439	140 05:45:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9413					1DP
1440	140 05:45:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9413					1DP
1441	140 06:49:46	31	60 SET			15.5 DEGREE SET DSC-60					1V
1442	140 10:44:19	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1443	140 11:08:38	31				B- UVSLEW			36937:04:001F	03-139/23:00:35	1TB
1444	140 11:08:38	31				SLEW TO HELIO-4C			36937:04:001F	03-139/23:00:35	1T
1445	140 11:08:38	31				B- PLATPOB			36937:04:001F	03-139/23:00:35	1TB
1446	140 11:08:38	31			AC7SPK	(1 12 2 114 085) EL SLEW R=LOW	AACS		36937:04:003F	03-139/23:00:36	1ECa
1447	140 11:08:38	31			AC7SPK	(2 12 2 042 127) AZ SLEW R=LOW	AACS		36937:04:005F	03-139/23:00:36	1ECa
1448	140 11:42:20	31				B- SLEND			36937:46:101F	03-139/23:34:17	1TB

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1449	140 11:42:20	31			SLEWEND	AZ=43.972 EL=110.005 CO=114.667			36937:46:101F	03-139/23:34:17	1T
1450	140 12:00:00	31				VGR-31 OWLT IS 12H 08M 03S					1L
1451	140 14:00:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9414					1DP
1452	140 14:00:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9414					1DP
1453	140 14:43:42	31	10 SET			10.2 DEGREE SET DSC-10					1V
1454	140 16:45:15	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1455	140 16:45:15	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
1456	140 16:46:03	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1457	140 16:46:03	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
1458	140 16:48:39	31				BEGIN PWSREC.31			36944:09:001F	03-140/04:40:35	1T
1459	140 16:48:39	31			SC32AJ	(10) PLS CONFIG CMD	FDS		36944:09:009F	03-140/04:40:36	1ECf
1460	140 16:49:27	31				B- DRGS4B			36944:10:001F	03-140/04:41:23	1TB
1461	140 16:49:27	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACRS READOUT MODE : TELEMETRY	FDS		36944:10:009F	03-140/04:41:24	1ECf
1462	140 16:50:11	31				BEGIN RECORDING PWS DATA			36944:10:734F	03-140/04:42:07	1T
1463	140 16:50:11	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		36944:10:735F	03-140/04:42:08	1ECd

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1464	140 16:50:11	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:3 TIC:2643	DTR		36944:10:735F	03-140/04:42:08	1ESd
1465	140 16:50:15	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	36944:11:001F	03-140/04:42:11	1ESf
1466	140 16:50:15	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		36944:11:002F	03-140/04:42:11	1ECs
1467	140 16:50:16	31				B- DRCRUS			36944:11:018F	03-140/04:42:12	1TB
1468	140 16:50:16	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		36944:11:026F	03-140/04:42:13	1ECf
1469	140 16:51:03	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	36944:12:001F	03-140/04:42:59	1ESf
1470	140 16:51:03	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		36944:12:002F	03-140/04:42:59	1ECs
1471	140 16:51:03	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		36944:12:002F	03-140/04:43:00	1ECd
1472	140 16:51:03	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:2936	DTR		36944:12:002F	03-140/04:43:00	1ESd

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1473	140 16:51:51	31			SC32AJ	(11) PLS CONFIG CMD	FDS		36944:13:009F	03-140/04:43:48	1ECf
1474	140 16:51:52	31				END PWSREC.31			36944:13:018F	03-140/04:43:48	1T
1475	140 19:38:13	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1476	140 19:45:23	31	40 SET			10.2 DEGREE SET DSC-40					1V
1477	140 20:40:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9414 (D/L ONLY)					1DP
1478	140 20:40:00	31				CFG CODES					1DP
1479	140 20:44:28	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1480	140 20:44:28	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=36 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1481	140 20:45:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9414 (D/L ONLY)					1DP
1482	140 20:45:00	31				CFG CODES					1DP
1483	140 20:48:40	31				B- DRUV5A			36949:09:001F	03-140/08:40:35	1TB
1484	140 20:48:40	31			SC06BB	(50 0 07 0) FDS MODE TO: UV-5A PLS INTEGRATION MODE: 0.96 SEC PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		36949:09:009F	03-140/08:40:36	1ECf
1485	140 20:49:28	31		ACE OPCH		FDS STATUS UV-5A/X600/S10 MEM:PA/FDS11	FDS	UV-5A	36949:10:001F	03-140/08:41:23	1ESf
1486	140 20:49:28	31			CC3A	(36310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=36 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		36949:10:002F	03-140/08:41:23	1ECs
1487	140 23:08:40	31				B- UVSLEW			36952:04:001F	03-140/11:00:35	1TB

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1488	140 23:08:40	31				SLEW TO Alpha Vir			36952:04:001F	03-140/11:00:35	1T
1489	140 23:08:40	31				B- PLATPOB			36952:04:001F	03-140/11:00:35	1TB
1490	140 23:08:40	31			AC7SPK	(1 12 2 110 178) EL SLEW R=LOW	AACS		36952:04:003F	03-140/11:00:36	1ECa
1491	140 23:08:40	31			AC7SPK	(2 12 1 022 065) AZ SLEW R=LOW	AACS		36952:04:005F	03-140/11:00:36	1ECa
1492	140 23:15:24	31				B- SLEND			36952:12:334F	03-140/11:07:19	1TB
1493	140 23:15:24	31			SLEWEND	AZ=16.005 EL=114.855 CO=121.544			36952:12:334F	03-140/11:07:19	1T
1494	141 00:00:00	31				VGR-31 OWLT IS 12H 08M 04S					1L
1495	141 02:08:40	31				B- UVSLEW			36955:49:001F	03-140/14:00:35	1TB
1496	141 02:08:40	31				SLEW TO HELIO-4C			36955:49:001F	03-140/14:00:35	1T
1497	141 02:08:40	31				B- PLATPOB			36955:49:001F	03-140/14:00:35	1TB
1498	141 02:08:40	31			AC7SPK	(1 12 2 114 083) EL SLEW R=LOW	AACS		36955:49:003F	03-140/14:00:36	1ECa
1499	141 02:08:40	31			AC7SPK	(2 12 2 042 128) AZ SLEW R=LOW	AACS		36955:49:005F	03-140/14:00:36	1ECa
1500	141 02:15:34	31				B- SLEND			36955:57:501F	03-140/14:07:29	1TB
1501	141 02:15:34	31			SLEWEND	AZ=44.001 EL=110.062 CO=114.691			36955:57:501F	03-140/14:07:29	1T
1502	141 03:11:04	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1503	141 05:04:29	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1504	141 05:04:29	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1505	141 05:08:41	31				B- DRCSRUS			36959:34:001F	03-140/17:00:35	1TB
1506	141 05:08:41	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		36959:34:010F	03-140/17:00:36	1ECf

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1507	141 05:09:29	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	36959:35:001F	03-140/17:01:23	1ESf
1508	141 05:09:29	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		36959:35:002F	03-140/17:01:23	1ECs
1509	141 05:25:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9415 (D/L ONLY)					1DP
1510	141 05:25:00	31				CFG CODES					1DP
1511	141 05:25:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9415 (D/L ONLY)					1DP
1512	141 05:25:00	31				CFG CODES					1DP
1513	141 05:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9414					1DP
1514	141 05:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9414					1DP
1515	141 06:45:47	31	60 SET			15.5 DEGREE SET DSC-60					1V
1516	141 10:40:21	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1517	141 12:00:00	31				VGR-31 OWLT IS 12H 08M 06S					1L
1518	141 13:55:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9415					1DP
1519	141 13:55:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9415					1DP
1520	141 14:39:45	31	10 SET			10.2 DEGREE SET DSC-10					1V
1521	141 19:34:14	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1522	141 19:41:24	31	40 SET			10.2 DEGREE SET DSC-40					1V
1523	142 00:00:00	31				VGR-31 OWLT IS 12H 08M 07S					1L
1524	142 03:07:05	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1525	142 03:20:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9416 (D/L ONLY)					1DP



FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1526	142 03:20:00	31				CFG CODES					1DP
1527	142 03:20:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9416 (D/L ONLY)					1DP
1528	142 03:20:00	31				CFG CODES					1DP
1529	142 06:41:48	31	60 SET			15.5 DEGREE SET DSC-60					1V
1530	142 10:36:24	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1531	142 12:00:00	31				VGR-31 OWLT IS 12H 08M 09S					1L
1532	142 14:20:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9416					1DP
1533	142 14:20:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9416					1DP
1534	142 14:35:47	31	10 SET			10.2 DEGREE SET DSC-10					1V
1535	142 19:30:15	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1536	142 19:37:25	31	40 SET			10.2 DEGREE SET DSC-40					1V
1537	142 23:59:11	31			AC7SSB	(4 +148) SS BIAS CONTROL --- YAW	AACS		37013:07:003F	03-142/11:51:00	1ECa
1538	143 00:00:00	31				VGR-31 OWLT IS 12H 08M 11S					1L
1539	143 00:35:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9416 (D/L ONLY)					1DP
1540	143 00:35:00	31				CFG CODES					1DP
1541	143 00:35:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9416 (D/L ONLY)					1DP
1542	143 00:35:00	31				CFG CODES					1DP
1543	143 03:03:07	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1544	143 06:05:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9417 (D/L ONLY)					1DP
1545	143 06:05:00	31				CFG CODES					1DP
1546	143 06:05:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9417 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1547	143 06:05:00	31				CFG CODES					1DP
1548	143 06:25:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9416					1DP
1549	143 06:25:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9416					1DP
1550	143 06:37:49	31	60 SET			15.5 DEGREE SET DSC-60					1V
1551	143 10:32:26	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1552	143 12:00:00	31				VGR-31 OWLT IS 12H 08M 13S					1L
1553	143 12:45:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9417					1DP
1554	143 12:45:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9417					1DP
1555	143 14:31:49	31	10 SET			10.2 DEGREE SET DSC-10					1V
1556	143 19:26:16	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1557	143 19:33:26	31	40 SET			10.2 DEGREE SET DSC-40					1V
1558	143 19:48:02	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		37037:53:002F	03-143/07:39:48	1ECd
1559	143 19:48:02	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2942	DTR		37037:53:002F	03-143/07:39:48	1ESd
1560	143 20:01:24	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		37038:09:576F	03-143/07:53:10	1ECd
1561	143 20:01:24	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2653	DTR		37038:09:576F	03-143/07:53:10	1ESd
1562	143 20:05:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9417 (D/L ONLY)					1DP
1563	143 20:05:00	31				CFG CODES					1DP
1564	143 20:05:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9417 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1565	143 20:05:00	31				CFG CODES					1DP
1566	143 22:45:26	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
1567	143 22:45:26	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
1568	143 22:46:14	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
1569	143 22:46:14	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
1570	143 22:48:02	31			CC16C	(7017) DTR STATE SELECT: READY	DTR		37041:38:002F	03-143/10:39:48	1ECd
1571	143 22:48:02	31				DTR STATUS MODE:RDY           RATE:000.0K DIR:F           TRK:7           TIC:2653	DTR		37041:38:002F	03-143/10:39:48	1ESd
1572	143 22:48:50	31				AHEL11 PWSREC 18			37041:39:001F	03-143/10:40:35	1T
1573	143 22:48:50	31				B- PWSREC.31			37041:39:001F	03-143/10:40:35	1TB
1574	143 22:48:50	31				BEGIN PWSREC.31			37041:39:001F	03-143/10:40:35	1T
1575	143 22:48:50	31			SC32AJ	(10) PLS CONFIG CMD	FDS		37041:39:009F	03-143/10:40:36	1ECF
1576	143 22:49:38	31				B- DRGS4B			37041:40:001F	03-143/10:41:23	1TB
1577	143 22:49:38	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		37041:40:009F	03-143/10:41:24	1ECF
1578	143 22:50:22	31				BEGIN RECORDING PWS DATA			37041:40:734F	03-143/10:42:07	1T
1579	143 22:50:22	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		37041:40:735F	03-143/10:42:08	1ECd

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1580	143 22:50:22	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:2653	DTR		37041:40:735F	03-143/10:42:08	1ESd
1581	143 22:50:26	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	37041:41:001F	03-143/10:42:11	1ESf
1582	143 22:50:26	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		37041:41:002F	03-143/10:42:11	1ECs
1583	143 22:50:27	31				B- DRCRUS			37041:41:018F	03-143/10:42:12	1TB
1584	143 22:50:27	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		37041:41:026F	03-143/10:42:13	1ECf
1585	143 22:51:14	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	37041:42:001F	03-143/10:42:59	1ESf
1586	143 22:51:14	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		37041:42:002F	03-143/10:42:59	1ECs
1587	143 22:51:14	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		37041:42:002F	03-143/10:43:00	1ECd
1588	143 22:51:14	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2946	DTR		37041:42:002F	03-143/10:43:00	1ESd

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1589	143 22:52:02	31			SC32AJ	(11) PLS CONFIG CMD	FDS		37041:43:009F	03-143/10:43:48	1ECf
1590	143 22:52:03	31				END PWSREC.31			37041:43:018F	03-143/10:43:48	1T
1591	144 00:00:00	31				VGR-31 OWLT IS 12H 08M 14S					1L
1592	144 00:57:39	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		37044:20:002F	03-143/12:49:24	1ECd
1593	144 00:57:39	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2952	DTR		37044:20:002F	03-143/12:49:24	1ESd
1594	144 00:58:06	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		37044:20:460F	03-143/12:49:51	1ECd
1595	144 00:58:06	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2942	DTR		37044:20:460F	03-143/12:49:51	1ESd
1596	144 02:59:08	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1597	144 03:50:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9418 (D/L ONLY)					1DP
1598	144 03:50:00	31				CFG CODES					1DP
1599	144 03:50:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9418 (D/L ONLY)					1DP
1600	144 03:50:00	31				CFG CODES					1DP
1601	144 03:57:39	31			CC16C	(7013) DTR STATE SELECT: READY	DTR		37048:05:002F	03-143/15:49:24	1ECd
1602	144 03:57:39	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:2942	DTR		37048:05:002F	03-143/15:49:24	1ESd
1603	144 04:10:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9417					1DP
1604	144 04:10:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9417					1DP

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1605	144 06:33:49	31	60 SET			15.5 DEGREE SET DSC-60					1V
1606	144 10:28:28	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1607	144 12:00:00	31				VGR-31 OWLT IS 12H 08M 16S					1L
1608	144 13:45:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9418					1DP
1609	144 13:45:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9418					1DP
1610	144 14:27:51	31	10 SET			10.2 DEGREE SET DSC-10					1V
1611	144 19:22:18	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1612	144 19:29:28	31	40 SET			10.2 DEGREE SET DSC-40					1V
1613	145 00:00:00	31				VGR-31 OWLT IS 12H 08M 18S					1L
1614	145 01:04:06	31			AC7SSB	(3 -005) SS BIAS CONTROL - PITCH	AACS		37074:28:003F	03-144/12:55:48	1ECa
1615	145 02:55:09	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1616	145 03:40:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9419 (D/L ONLY)					1DP
1617	145 03:40:00	31				CFG CODES					1DP
1618	145 03:40:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9419 (D/L ONLY)					1DP
1619	145 03:40:00	31				CFG CODES					1DP
1620	145 06:29:50	31	60 SET			15.5 DEGREE SET DSC-60					1V
1621	145 10:24:30	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1622	145 12:00:00	31				VGR-31 OWLT IS 12H 08M 20S					1L
1623	145 13:40:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9419					1DP
1624	145 13:40:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9419					1DP
1625	145 14:23:53	31	10 SET			10.2 DEGREE SET DSC-10					1V
1626	145 19:18:19	31	60RISE			10.2 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1627	145 19:25:29	31	40	SET		10.2 DEGREE SET DSC-40					1V
1628	145 21:45:00	31	63	AOS	OPCH ACE	AOS DSS-63 PASS-9419 (D/L ONLY)					1DP
1629	145 21:45:00	31				CFG CODES					1DP
1630	145 21:45:00	31	63	AOS	OPCH ACE	AOS DSS-63 PASS-9419 (D/L ONLY)					1DP
1631	145 21:45:00	31				CFG CODES					1DP
1632	146 00:00:00	31				VGR-31 OWLT IS 12H 08M 22S					1L
1633	146 00:05:00	31	63	LOS	OPCH ACE	LOS DSS-63 PASS-9419					1DP
1634	146 00:05:00	31	63	LOS	OPCH ACE	LOS DSS-63 PASS-9419					1DP
1635	146 02:51:10	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
1636	146 03:35:00	31	26	AOS	OPCH ACE	AOS DSS-26 PASS-9420 (D/L ONLY)					1DP
1637	146 03:35:00	31				CFG CODES					1DP
1638	146 03:35:00	31	26	AOS	OPCH ACE	AOS DSS-26 PASS-9420 (D/L ONLY)					1DP
1639	146 03:35:00	31				CFG CODES					1DP
1640	146 06:25:51	31	60	SET		15.5 DEGREE SET DSC-60					1V
1641	146 09:35:00	31	15	AOS	OPCH ACE	AOS DSS-15 PASS-9420 (D/L ONLY)					1DP
1642	146 09:35:00	31				CFG CODES					1DP
1643	146 09:35:00	31	15	AOS	OPCH ACE	AOS DSS-15 PASS-9420 (D/L ONLY)					1DP
1644	146 09:35:00	31				CFG CODES					1DP
1645	146 09:55:00	31	26	LOS	OPCH ACE	LOS DSS-26 PASS-9420					1DP
1646	146 09:55:00	31	26	LOS	OPCH ACE	LOS DSS-26 PASS-9420					1DP

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1647	146 10:20:32	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1648	146 12:00:00	31				VGR-31 OWLT IS 12H 08M 24S					1L
1649	146 13:10:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9420					1DP
1650	146 13:10:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9420					1DP
1651	146 14:19:55	31	10 SET			10.2 DEGREE SET DSC-10					1V
1652	146 19:14:20	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1653	146 19:21:30	31	40 SET			10.2 DEGREE SET DSC-40					1V
1654	146 19:55:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9420 (D/L ONLY)					1DP
1655	146 19:55:00	31				CFG CODES					1DP
1656	146 19:55:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9420 (D/L ONLY)					1DP
1657	146 19:55:00	31				CFG CODES					1DP
1658	147 00:00:00	31				VGR-31 OWLT IS 12H 08M 26S					1L
1659	147 02:47:12	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1660	147 04:55:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9420					1DP
1661	147 05:25:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9421 (D/L ONLY)					1DP
1662	147 05:25:00	31				CFG CODES					1DP
1663	147 05:45:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9421 (D/L ONLY)					1DP
1664	147 05:45:00	31				CFG CODES					1DP
1665	147 06:05:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9420					1DP
1666	147 06:21:52	31	60 SET			15.5 DEGREE SET DSC-60					1V
1667	147 10:16:35	31	40RISE			10.2 DEGREE RISE DSC-40					1V



FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1668	147 12:00:00	31				VGR-31 OWLT IS 12H 08M 28S					1L
1669	147 13:30:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9421					1DP
1670	147 13:30:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9421					1DP
1671	147 14:09:04	31			AC7SSB	(4 +147) SS BIAS CONTROL --- YAW	AACS		37150:49:003F	03-147/02:00:36	1ECa
1672	147 14:15:57	31	10 SET			10.2 DEGREE SET DSC-10					1V
1673	147 16:21:41	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1674	147 16:21:41	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1675	147 16:22:29	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1676	147 16:22:29	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1677	147 16:25:05	31				BEGIN PWSREC.31			37153:39:001F	03-147/04:16:35	1T
1678	147 16:25:05	31			SC32AJ	(10) PLS CONFIG CMD	FDS		37153:39:010F	03-147/04:16:36	1ECf
1679	147 16:25:53	31				B- DRGS4B			37153:40:001F	03-147/04:17:23	1TB
1680	147 16:25:53	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		37153:40:009F	03-147/04:17:24	1ECf
1681	147 16:26:37	31				BEGIN RECORDING PWS DATA			37153:40:734F	03-147/04:18:07	1T
1682	147 16:26:37	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		37153:40:735F	03-147/04:18:08	1ECd

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1683	147 16:26:37	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:3 TIC:2942	DTR		37153:40:735F	03-147/04:18:08	1ESd
1684	147 16:26:41	31		ACE	OPCH	FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	37153:41:001F	03-147/04:18:11	1ESf
1685	147 16:26:41	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		37153:41:002F	03-147/04:18:11	1ECs
1686	147 16:26:42	31				B- DRCRUS			37153:41:018F	03-147/04:18:12	1TB
1687	147 16:26:42	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		37153:41:026F	03-147/04:18:13	1ECf
1688	147 16:27:29	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	37153:42:001F	03-147/04:18:59	1ESf
1689	147 16:27:29	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		37153:42:002F	03-147/04:18:59	1ECs
1690	147 16:27:29	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		37153:42:002F	03-147/04:19:00	1ECd
1691	147 16:27:29	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:3235	DTR		37153:42:002F	03-147/04:19:00	1ESd

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT 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	147 16:28:17	31			SC32AJ	(11) PLS CONFIG CMD	FDS		37153:43:009F	03-147/04:19:48	1ECf
1693	147 16:28:18	31				END PWSREC.31			37153:43:018F	03-147/04:19:48	1T
1694	147 19:10:21	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1695	147 19:17:31	31	40 SET			10.2 DEGREE SET DSC-40					1V
1696	147 20:05:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9421 (D/L ONLY)					1DP
1697	147 20:05:00	31				CFG CODES					1DP
1698	147 20:05:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9421 (D/L ONLY)					1DP
1699	147 20:05:00	31				CFG CODES					1DP
1700	148 00:00:00	31				VGR-31 OWLT IS 12H 08M 30S					1L
1701	148 00:05:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9421					1DP
1702	148 00:05:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9421					1DP
1703	148 02:43:13	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1704	148 03:00:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9422 (D/L ONLY)					1DP
1705	148 03:00:00	31				CFG CODES					1DP
1706	148 03:00:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9422 (D/L ONLY)					1DP
1707	148 03:00:00	31				CFG CODES					1DP
1708	148 06:17:53	31	60 SET			15.6 DEGREE SET DSC-60					1V
1709	148 08:29:43	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1710	148 08:29:43	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1711	148 08:29:55	31				BEGIN PMPCALLR			37173:45:001F	03-147/20:21:23	1T
1712	148 08:33:55	31				B- DRCR5T			37173:50:001F	03-147/20:25:23	1TB
1713	148 08:33:55	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		37173:50:009F	03-147/20:25:24	1ECf
1714	148 08:34:43	31		ACE OPCH			FDS	CR-5T	37173:51:001F	03-147/20:26:11	1ESf
1715	148 08:34:43	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		37173:51:001F	03-147/20:26:11	1ECs
1716	148 08:41:07	31			SC06BY	(7) FDS PLS/MAG/PESCAL FLAG PLSCAL ENABLED MAGCAL ENABLED PESCAL ENABLED	FDS		37173:59:009F	03-147/20:32:36	1ECf
1717	148 08:41:55	31				BEGIN PLS/MAG/PESCAL			37174:00:001F	03-147/20:33:23	1T
1718	148 10:12:37	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1719	148 10:24:20	31				END PLSCAL			37176:08:001F	03-147/22:15:47	1T
1720	148 11:44:20	31				END MAGCAL			37177:48:001F	03-147/23:35:47	1T
1721	148 11:57:44	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1722	148 11:57:44	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
1723	148 12:00:00	31				VGR-31 OWLT IS 12H 08M 32S					1L
1724	148 12:01:56	31				END PESCAL			37178:10:001F	03-147/23:53:23	1T

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1725	148 12:01:56	31				B- DRCRUS			37178:10:001F	03-147/23:53:23	1TB
1726	148 12:01:56	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		37178:10:010F	03-147/23:53:24	1ECf
1727	148 12:02:44	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	37178:11:001F	03-147/23:54:11	1ESf
1728	148 12:02:44	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		37178:11:002F	03-147/23:54:11	1ECs
1729	148 12:02:45	31				END PMPCALLR			37178:11:018F	03-147/23:54:12	1T
1730	148 12:45:00	31	15 LOS	OPCH	ACE	LOS DSS-15 PASS-9422					1DP
1731	148 13:50:00	31	15 LOS	OPCH	ACE	LOS DSS-15 PASS-9422					1DP
1732	148 14:11:59	31	10 SET			10.2 DEGREE SET DSC-10					1V
1733	148 19:06:22	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1734	148 19:13:32	31	40 SET			10.2 DEGREE SET DSC-40					1V
1735	148 20:30:00	31	63 AOS	OPCH	ACE	AOS DSS-63 PASS-9422 (D/L ONLY)					1DP
1736	148 20:30:00	31				CFG CODES					1DP
1737	148 20:30:00	31	63 AOS	OPCH	ACE	AOS DSS-63 PASS-9422 (D/L ONLY)					1DP
1738	148 20:30:00	31				CFG CODES					1DP
1739	148 21:09:09	31				B- RPLY14.31			37189:34:001F	03-148/09:00:35	1TB
1740	148 21:09:09	31				BEGIN REPLAY31			37189:34:001F	03-148/09:00:35	1T
1741	148 21:09:09	31				BEGIN TAPPOS			37189:34:001F	03-148/09:00:35	1T

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1742	148 21:09:09	31				TAPPOS TO 0210			37189:34:001F	03-148/09:00:35	1T
1743	148 21:09:09	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		37189:34:002F	03-148/09:00:36	1ECd
1744	148 21:09:09	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3241	DTR		37189:34:002F	03-148/09:00:36	1ESd
1745	148 21:09:46	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1746	148 21:09:46	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=30 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1747	148 21:14:00	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		37189:40:028F	03-148/09:05:25	1ECf
1748	148 21:14:46	31		ACE	OPCH	FDS STATUS EL-40/X40/S40 MEM:PA/FDS11	FDS	CE-40	37189:41:001F	03-148/09:06:11	1ESf
1749	148 21:14:46	31			CC3A	(30310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=30 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		37189:41:002F	03-148/09:06:11	1ECs
1750	148 21:35:22	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1751	148 21:37:46	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1752	148 21:37:46	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1753	148 21:39:34	31			SC06PV	(8005) FDS TREE SWITCH ID CCS MEMORY READ OUT	FDS		37190:12:009F	03-148/09:31:00	1ECf
1754	148 21:39:35	31			SC06BB	(32 0 02 0) FDS MODE TO: EL-40 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CCS MEM R/O AACS READOUT MODE : TELEMETRY	FDS		37190:12:020F	03-148/09:31:01	1ECf
1755	148 21:40:22	31		ACE OPCH		FDS STATUS EL-40/X40/S40 MEM:PA/FDS11	FDS	CCS R/O	37190:13:001F	03-148/09:31:47	1ESf
1756	148 21:41:58	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		37190:15:009F	03-148/09:33:24	1ECf
1757	148 21:42:46	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	37190:16:001F	03-148/09:34:11	1ESf
1758	148 21:42:46	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		37190:16:002F	03-148/09:34:11	1ECs
1759	148 23:29:29	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		37192:29:321F	03-148/11:20:55	1ECd
1760	148 23:29:29	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:0210	DTR		37192:29:321F	03-148/11:20:55	1ESd
1761	149 00:00:00	31				VGR-31 OWLT IS 12H 08M 34S					1L
1762	149 01:28:10	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN D/L CARRIER SIG LEVEL					11EC
1763	149 01:29:10	31				B- XHIPWR.31			37194:59:001F	03-148/13:20:35	1TB

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1764	149 01:29:10	31				BEGIN XHIPWR31			37194:59:001F	03-148/13:20:35	1T
1765	149 01:29:10	31			CC1TR	BAY 1 HTR OFF	PWR		37194:59:002F	03-148/13:20:36	1ECp
1766	149 01:33:10	31				X BAND HIGH POWER			37195:04:001F	03-148/13:24:35	1T
1767	149 01:33:10	31			DC2H	X-BAND TWT HIGH POWER	RFS		37195:04:002F	03-148/13:24:35	1ECr
1768	149 02:05:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9422					1DP
1769	149 02:05:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9422					1DP
1770	149 02:39:14	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1771	149 05:05:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9423 (U/L PASS)					1DP
1772	149 05:05:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9423 (U/L PASS)					1DP
1773	149 05:33:59	31				YAW05			37200:05:001F	03-148/17:25:23	1T
1774	149 05:33:59	31			AC7PAR	(6741 000740) +YAW DB=.05 DEG	AACS		37200:05:004F	03-148/17:25:24	1ECa
1775	149 05:39:23	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1776	149 05:39:23	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=39 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1777	149 05:39:23	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1778	149 05:43:35	31				CALL DDPB1431			37200:17:001F	03-148/17:34:59	1T
1779	149 05:43:35	31			SC06BB	(12 0 07 0) FDS MODE TO: PB-14 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		37200:17:009F	03-148/17:35:00	1ECf
1780	149 05:44:20	31				REPLAY BACK LOST DATA			37200:17:751F	03-148/17:35:44	1T
1781	149 05:44:21	31			CC16C	(1211) DTR STATE SELECT:PLAYBACK	DTR		37200:17:769F	03-148/17:35:46	1ECd



FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1782	149 05:44:21	31				DTR STATUS MODE:PLAY RATE:007.2K DIR:F TRK:1 TIC:0210	DTR		37200:17:769F	03-148/17:35:46	1ESd
1783	149 05:44:23	31		ACE	OPCH	FDS STATUS PB-14/X1.4K/S40 MEM:PA/FDS11	FDS	PB-14	37200:18:001F	03-148/17:35:47	1ESf
1784	149 05:44:23	31			CC3A	(39310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=39 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		37200:18:002F	03-148/17:35:47	1ECs
1785	149 05:44:23	31			CC6AD	(3 2 0 2) SVC-W4 FDS MEM B WRT PROTECT	FDS		37200:18:002F	03-148/17:35:48	1ECf
1786	149 05:44:23	31		ACE	OPCH	FDS STATUS PB-14/X1.4K/S40 MEM:PA/FDS11	FDS	PB-14	37200:18:002F	03-148/17:35:48	1ESf
1787	149 06:13:54	31	60	SET		15.6 DEGREE SET DSC-60					1V
1788	149 08:20:35	31			EOT	END OF TAPE			37203:33:208F	03-148/20:12:00	1Ed
1789	149 08:20:36	31			EOT	END OF TAPE			37203:33:212F	03-148/20:12:00	1Ed
1790	149 10:08:39	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
1791	149 10:57:21	31			BOT	BEGIN OF TAPE			37206:49:151F	03-148/22:48:44	1Ed
1792	149 10:57:21	31			BOT	BEGIN OF TAPE			37206:49:154F	03-148/22:48:45	1Ed
1793	149 11:35:36	31			AC7SSB	(3 -004) SS BIAS CONTROL - PITCH	AACS		37207:37:003F	03-148/23:27:00	1ECa
1794	149 12:00:00	31				VGR-31 OWLT IS 12H 08M 36S					1L
1795	149 12:15:24	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1796	149 12:15:24	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1797	149 12:15:24	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1798	149 12:19:36	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		37208:32:009F	03-149/00:11:00	1ECf
1799	149 12:20:24	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	37208:33:001F	03-149/00:11:47	1ESf
1800	149 12:20:24	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		37208:33:002F	03-149/00:11:48	1ECs
1801	149 12:20:24	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		37208:33:002F	03-149/00:11:48	1ECd
1802	149 12:20:24	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:1993	DTR		37208:33:002F	03-149/00:11:48	1ESd
1803	149 12:20:24	31			CC6AD	(3 2 0 0) SVC-W4 FDS MEM B WRT PROTECT	FDS		37208:33:003F	03-149/00:11:48	1ECf
1804	149 12:20:24	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	37208:33:003F	03-149/00:11:48	1ESf
1805	149 12:20:25	31				END PLAYBACK			37208:33:018F	03-149/00:11:48	1T
1806	149 12:30:00	31				YAWDB - .10			37208:45:001F	03-149/00:21:23	1T

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1807	149 12:30:00	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		37208:45:004F	03-149/00:21:24	1ECa
1808	149 14:08:01	31	10	SET		10.2 DEGREE SET DSC-10					1V
1809	149 14:20:00	31	14	LOS	OPCH ACE	LOS DSS-14 PASS-9423					1DP
1810	149 14:20:00	31	14	LOS	OPCH ACE	LOS DSS-14 PASS-9423					1DP
1811	149 18:53:49	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN D/L CARRIER SIG LEVEL					11EC
1812	149 18:55:00	31	63	AOS	OPCH ACE	AOS DSS-63 PASS-9423 (D/L ONLY)					1DP
1813	149 18:55:00	31				CFG CODES					1DP
1814	149 18:55:00	31	63	AOS	OPCH ACE	AOS DSS-63 PASS-9423 (D/L ONLY)					1DP
1815	149 18:55:00	31				CFG CODES					1DP
1816	149 18:58:49	31				X BAND LOW POWER			37216:51:001F	03-149/06:50:11	1T
1817	149 18:58:49	31			DC2HR	X-BAND TWT LOW POWER	RFS		37216:51:002F	03-149/06:50:11	1ECr
1818	149 19:02:24	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
1819	149 19:02:49	31			CC1T	BAY 1 HTR ON	PWR		37216:56:002F	03-149/06:54:12	1ECp
1820	149 19:02:50	31				END XHIPWR31			37216:56:018F	03-149/06:54:12	1T
1821	149 19:09:34	31	40	SET		10.2 DEGREE SET DSC-40					1V
1822	149 20:00:26	31				B- GYONAB.31			37218:08:001F	03-149/07:51:47	1TB
1823	149 20:00:26	31				BEGIN GYONAB31			37218:08:001F	03-149/07:51:47	1T
1824	149 20:00:26	31			AC7GYP	(000) DRIRU PATTERN CONTROL GYRO/AXIS=A/PITCH & YAW B/ROLL	AACS		37218:08:003F	03-149/07:51:48	1ECa
1825	149 20:00:26	31			CC7GCRP	GYRO C OFF	PWR		37218:08:004F	03-149/07:51:48	1ECp

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1826	149 20:00:26	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS		37218:08:004F	03-149/07:51:48	1ESa
1827	149 20:00:26	31			CC7GCRP	GYRO C OFF	PWR		37218:08:006F	03-149/07:51:48	1ECp
1828	149 20:00:26	31			CC7PC	(372) GYRO C OFF	AACS		37218:08:008F	03-149/07:51:48	1ECa
1829	149 20:00:26	31			CC7GBP	GYRO B ON	PWR		37218:08:009F	03-149/07:51:48	1ECp
1830	149 20:00:26	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		37218:08:009F	03-149/07:51:48	1ESa
1831	149 20:00:27	31			CC7GBP	GYRO B ON	PWR		37218:08:011F	03-149/07:51:48	1ECp
1832	149 20:00:27	31			CC7PC	(363) GYRO B ON	AACS		37218:08:013F	03-149/07:51:48	1ECa
1833	149 20:00:27	31			CC7GAP	GYRO A ON	PWR		37218:08:014F	03-149/07:51:48	1ECp
1834	149 20:00:27	31				AACS STATUS MODE : CRU GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		37218:08:014F	03-149/07:51:48	1ESa
1835	149 20:00:27	31			CC7GAP	GYRO A ON	PWR		37218:08:016F	03-149/07:51:48	1ECp
1836	149 20:00:27	31			CC7PC	(353) GYRO A ON	AACS		37218:08:018F	03-149/07:51:48	1ECa
1837	149 20:00:55	31				DRIRU INITIALIZATION			37218:08:484F	03-149/07:52:16	1T
1838	149 20:00:56	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		37218:08:502F	03-149/07:52:18	1ECa
1839	149 20:01:25	31				SET CALIB			37218:09:184F	03-149/07:52:46	1T
1840	149 20:01:26	31			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		37218:09:204F	03-149/07:52:48	1ECa
1841	149 20:10:25	31				START GYRO FAULT TEST			37218:20:384F	03-149/08:01:46	1T

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1842	149 20:10:26	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		37218:20:402F	03-149/08:01:48	1ECa
1843	149 20:10:27	31				END GYONAB31			37218:20:418F	03-149/08:01:48	1T
1844	149 21:09:14	31				BEGIN TAPPOS			37219:34:001F	03-149/09:00:35	1T
1845	149 21:09:14	31				TAPPOS TO 3241			37219:34:001F	03-149/09:00:35	1T
1846	149 21:09:14	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		37219:34:002F	03-149/09:00:36	1ECd
1847	149 21:09:14	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1994	DTR		37219:34:002F	03-149/09:00:36	1ESd
1848	149 22:06:58	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		37220:46:129F	03-149/09:58:19	1ECd
1849	149 22:06:58	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3241	DTR		37220:46:129F	03-149/09:58:19	1ESd
1850	149 23:40:00	31	54 AOS	OPCH ACE		AOS DSS-54 PASS-9423 (D/L ONLY)					1DP
1851	149 23:40:00	31				CFG CODES					1DP
1852	149 23:58:50	31			CC16C	(7013) DTR STATE SELECT: READY	DTR		37223:06:002F	03-149/11:50:12	1ECd
1853	149 23:58:50	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:3241	DTR		37223:06:002F	03-149/11:50:12	1ESd
1854	149 23:58:51	31				END REPLAY31			37223:06:018F	03-149/11:50:12	1T
1855	150 00:00:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9423					1DP
1856	150 00:00:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9423					1DP
1857	150 00:00:00	31				VGR-31 OWLT IS 12H 08M 38S					1L
1858	150 02:35:16	31	10RISE			10.2 DEGREE RISE DSC-10					1V

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1859	150 03:20:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9424 (D/L ONLY)					1DP
1860	150 03:20:00	31				CFG CODES					1DP
1861	150 03:20:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9424 (D/L ONLY)					1DP
1862	150 03:20:00	31				CFG CODES					1DP
1863	150 03:40:00	31	54 LOS	OPCH ACE		LOS DSS-54 PASS-9423					1DP
1864	150 06:09:55	31	60 SET			15.6 DEGREE SET DSC-60					1V
1865	150 10:04:41	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1866	150 12:00:00	31				VGR-31 OWLT IS 12H 08M 40S					1L
1867	150 12:05:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9424					1DP
1868	150 13:15:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9424					1DP
1869	150 14:04:03	31	10 SET			10.2 DEGREE SET DSC-10					1V
1870	150 18:45:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9424 (D/L ONLY)					1DP
1871	150 18:45:00	31				CFG CODES					1DP
1872	150 18:45:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9424 (D/L ONLY)					1DP
1873	150 18:45:00	31				CFG CODES					1DP
1874	150 18:58:25	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1875	150 19:05:35	31	40 SET			10.2 DEGREE SET DSC-40					1V
1876	150 19:24:30	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		37247:23:002F	03-150/07:15:48	1ECd
1877	150 19:24:30	31					DTR		37247:23:002F	03-150/07:15:48	1ESd
						DTR STATUS					
						MODE:SLEW RATE:007.2K					
						DIR:R TRK:1 TIC:3241					

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1878	150 19:37:50	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		37247:39:543F	03-150/07:29:08	1ECd
1879	150 19:37:50	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2952	DTR	37247:39:543F	03-150/07:29:08	1ESd	
1880	150 22:21:54	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1881	150 22:21:54	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
1882	150 22:22:42	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1883	150 22:22:42	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
1884	150 22:24:30	31			CC16C	(7017) DTR STATE SELECT: READY	DTR		37251:08:002F	03-150/10:15:48	1ECd
1885	150 22:24:30	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2952	DTR	37251:08:002F	03-150/10:15:48	1ESd	
1886	150 22:25:18	31				AHEL11 PWSREC 19			37251:09:001F	03-150/10:16:35	1T
1887	150 22:25:18	31				B- PWSREC.31			37251:09:001F	03-150/10:16:35	1TB
1888	150 22:25:18	31				BEGIN PWSREC.31			37251:09:001F	03-150/10:16:35	1T
1889	150 22:25:18	31			SC32AJ	(10) PLS CONFIG CMD	FDS		37251:09:009F	03-150/10:16:36	1ECf
1890	150 22:26:06	31				B- DRGS4B			37251:10:001F	03-150/10:17:23	1TB

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1891	150 22:26:06	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		37251:10:009F	03-150/10:17:24	1ECf
1892	150 22:26:50	31				BEGIN RECORDING PWS DATA			37251:10:734F	03-150/10:18:07	1T
1893	150 22:26:50	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		37251:10:735F	03-150/10:18:08	1ECd
1894	150 22:26:50	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:2952	DTR		37251:10:735F	03-150/10:18:08	1ESd
1895	150 22:26:54	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	37251:11:001F	03-150/10:18:11	1ESf
1896	150 22:26:54	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		37251:11:002F	03-150/10:18:12	1ECs
1897	150 22:26:55	31				B- DRCRUS			37251:11:018F	03-150/10:18:12	1TB
1898	150 22:26:55	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		37251:11:026F	03-150/10:18:13	1ECf
1899	150 22:27:42	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	37251:12:001F	03-150/10:18:59	1ESf
1900	150 22:27:42	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		37251:12:002F	03-150/10:19:00	1ECd



FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1901	150 22:27:42	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:3245	DTR		37251:12:002F	03-150/10:19:00	1ESd
1902	150 22:27:42	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		37251:12:002F	03-150/10:19:00	1ECs
1903	150 22:28:30	31			SC32AJ	(11) PLS CONFIG CMD	FDS		37251:13:009F	03-150/10:19:48	1ECF
1904	150 22:28:31	31				END PWSREC.31			37251:13:018F	03-150/10:19:48	1T
1905	150 23:00:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9424					1DP
1906	150 23:00:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9424					1DP
1907	151 00:00:00	31				VGR-31 OWLT IS 12H 08M 43S					1L
1908	151 00:34:07	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		37253:50:002F	03-150/12:25:24	1ECd
1909	151 00:34:07	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3251	DTR		37253:50:002F	03-150/12:25:24	1ESd
1910	151 00:34:34	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		37253:50:454F	03-150/12:25:51	1ECd
1911	151 00:34:34	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:3241	DTR		37253:50:454F	03-150/12:25:51	1ESd
1912	151 02:31:17	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1913	151 03:15:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9425 (D/L ONLY)					1DP
1914	151 03:15:00	31				CFG CODES					1DP
1915	151 03:15:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9425 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1916	151 03:15:00	31				CFG CODES					1DP
1917	151 03:34:07	31			CC16C	(7013) DTR STATE SELECT: READY	DTR		37257:35:002F	03-150/15:25:24	1ECd
1918	151 03:34:07	31				DTR STATUS MODE:RDY      RATE:000.0K DIR:F      TRK:3      TIC:3241	DTR	37257:35:002F	03-150/15:25:24	1ESd	
1919	151 06:05:56	31	60	SET		15.6 DEGREE SET DSC-60					1V
1920	151 10:00:43	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
1921	151 12:00:00	31				VGR-31 OWLT IS 12H 08M 45S					1L
1922	151 13:20:00	31	26	LOS	OPCH ACE	LOS DSS-26 PASS-9425					1DP
1923	151 13:20:00	31	26	LOS	OPCH ACE	LOS DSS-26 PASS-9425					1DP
1924	151 14:00:05	31	10	SET		10.2 DEGREE SET DSC-10					1V
1925	151 18:40:00	31	63	AOS	OPCH ACE	AOS DSS-63 PASS-9425 (D/L ONLY)					1DP
1926	151 18:40:00	31				CFG CODES					1DP
1927	151 18:40:00	31	63	AOS	OPCH ACE	AOS DSS-63 PASS-9425 (D/L ONLY)					1DP
1928	151 18:40:00	31				CFG CODES					1DP
1929	151 18:54:26	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
1930	151 19:01:36	31	40	SET		10.2 DEGREE SET DSC-40					1V
1931	151 23:55:00	31	63	LOS	OPCH ACE	LOS DSS-63 PASS-9425					1DP
1932	151 23:55:00	31	63	LOS	OPCH ACE	LOS DSS-63 PASS-9425					1DP
1933	152 00:00:00	31				VGR-31 OWLT IS 12H 08M 47S					1L
1934	152 02:27:18	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
1935	152 04:19:00	31			AC7SSB	(4 +146) SS BIAS CONTROL --- YAW	AACS		37288:31:003F	03-151/16:10:12	1ECa

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1936	152 04:30:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9426 (D/L ONLY)					1DP
1937	152 04:30:00	31				CFG CODES					1DP
1938	152 04:30:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9426 (D/L ONLY)					1DP
1939	152 04:30:00	31				CFG CODES					1DP
1940	152 06:01:57	31	60 SET			15.6 DEGREE SET DSC-60					1V
1941	152 09:56:45	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1942	152 11:00:00	31	43 AOS	OPCH ACE		AOS DSS-43 PASS-9426 (D/L ONLY)					1DP
1943	152 11:00:00	31				CFG CODES					1DP
1944	152 11:00:00	31	43 AOS	OPCH ACE		AOS DSS-43 PASS-9426 (D/L ONLY)					1DP
1945	152 11:00:00	31				CFG CODES					1DP
1946	152 11:20:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9426					1DP
1947	152 11:20:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9426					1DP
1948	152 12:00:00	31				VGR-31 OWLT IS 12H 08M 49S					1L
1949	152 13:56:07	31	10 SET			10.2 DEGREE SET DSC-10					1V
1950	152 14:45:00	31	43 LOS	OPCH ACE		LOS DSS-43 PASS-9426					1DP
1951	152 14:45:00	31	43 LOS	OPCH ACE		LOS DSS-43 PASS-9426					1DP
1952	152 18:40:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9426 (D/L ONLY)					1DP
1953	152 18:40:00	31				CFG CODES					1DP
1954	152 18:40:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9426 (D/L ONLY)					1DP
1955	152 18:40:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1956	152 18:50:28	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1957	152 18:57:37	31	40 SET			10.2 DEGREE SET DSC-40					1V
1958	152 22:55:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9426					1DP
1959	152 22:55:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9426					1DP
1960	153 00:00:00	31				VGR-31 OWLT IS 12H 08M 52S					1L
1961	153 02:23:20	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1962	153 03:45:00	31	24 AOS	OPCH ACE		AOS DSS-24 PASS-9427 (D/L ONLY)					1DP
1963	153 03:45:00	31				CFG CODES					1DP
1964	153 03:45:00	31	24 AOS	OPCH ACE		AOS DSS-24 PASS-9427 (D/L ONLY)					1DP
1965	153 03:45:00	31				CFG CODES					1DP
1966	153 05:57:58	31	60 SET			15.6 DEGREE SET DSC-60					1V
1967	153 09:52:47	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1968	153 09:55:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9427 (D/L ONLY)					1DP
1969	153 09:55:00	31				CFG CODES					1DP
1970	153 09:55:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9427 (D/L ONLY)					1DP
1971	153 09:55:00	31				CFG CODES					1DP
1972	153 10:15:00	31	24 LOS	OPCH ACE		LOS DSS-24 PASS-9427					1DP
1973	153 10:15:00	31	24 LOS	OPCH ACE		LOS DSS-24 PASS-9427					1DP
1974	153 12:00:00	31				VGR-31 OWLT IS 12H 08M 54S					1L
1975	153 12:10:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9427					1DP
1976	153 12:10:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9427					1DP

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1977	153 13:52:09	31	10 SET			10.2 DEGREE SET DSC-10					1V
1978	153 18:46:29	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1979	153 18:53:39	31	40 SET			10.2 DEGREE SET DSC-40					1V
1980	153 19:15:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9427 (D/L ONLY)					1DP
1981	153 19:15:00	31				CFG CODES					1DP
1982	153 19:15:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9427 (D/L ONLY)					1DP
1983	153 19:15:00	31				CFG CODES					1DP
1984	153 21:00:44	31				B- MISCMD			37339:23:001F	03-153/08:51:47	1TB
1985	153 21:00:44	31				MISCMD - GYRO INIT			37339:23:001F	03-153/08:51:47	1T
1986	153 21:00:44	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		37339:23:002F	03-153/08:51:48	1ECa
1987	154 00:00:00	31				VGR-31 OWLT IS 12H 08M 57S					1L
1988	154 00:20:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9427					1DP
1989	154 00:20:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9427					1DP
1990	154 01:19:57	31			AC7SSB	(3 -003) SS BIAS CONTROL - PITCH	AACS		37344:47:003F	03-153/13:11:00	1ECa
1991	154 02:19:21	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1992	154 03:10:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9428 (D/L ONLY)					1DP
1993	154 03:10:00	31				CFG CODES					1DP
1994	154 03:10:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9428 (D/L ONLY)					1DP
1995	154 03:10:00	31				CFG CODES					1DP
1996	154 05:54:01	31	60 SET			15.6 DEGREE SET DSC-60					1V
1997	154 09:48:48	31	40RISE			10.2 DEGREE RISE DSC-40					1V

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1998	154 12:00:00	31				VGR-31 OWLT IS 12H 08M 59S					1L
1999	154 13:00:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9428					1DP
2000	154 13:00:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9428					1DP
2001	154 13:48:11	31	10 SET			10.2 DEGREE SET DSC-10					1V
2002	154 15:58:12	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2003	154 15:58:12	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2004	154 15:59:00	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2005	154 15:59:00	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2006	154 16:01:36	31				BEGIN PWSREC.31			37363:09:001F	03-154/03:52:35	1T
2007	154 16:01:36	31			SC32AJ	(10) PLS CONFIG CMD	FDS		37363:09:009F	03-154/03:52:36	1ECf
2008	154 16:02:24	31				B- DRGS4B			37363:10:001F	03-154/03:53:23	1TB
2009	154 16:02:24	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		37363:10:009F	03-154/03:53:24	1ECf
2010	154 16:03:08	31				BEGIN RECORDING PWS DATA			37363:10:734F	03-154/03:54:07	1T
2011	154 16:03:08	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		37363:10:735F	03-154/03:54:08	1ECd
2012	154 16:03:08	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:3 TIC:3241	DTR		37363:10:735F	03-154/03:54:08	1ESd

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2013	154 16:03:12	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	37363:11:001F	03-154/03:54:11	1ESf
2014	154 16:03:12	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		37363:11:002F	03-154/03:54:12	1ECs
2015	154 16:03:13	31				B- DRCRUS			37363:11:018F	03-154/03:54:12	1TB
2016	154 16:03:13	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		37363:11:026F	03-154/03:54:13	1ECf
2017	154 16:04:00	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	37363:12:001F	03-154/03:54:59	1ESf
2018	154 16:04:00	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		37363:12:002F	03-154/03:54:59	1ECs
2019	154 16:04:00	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		37363:12:002F	03-154/03:55:00	1ECd
2020	154 16:04:00	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:3534	DTR		37363:12:002F	03-154/03:55:00	1ESd
2021	154 16:04:48	31			SC32AJ	(11) PLS CONFIG CMD	FDS		37363:13:009F	03-154/03:55:48	1ECf
2022	154 16:04:49	31				END PWSREC.31			37363:13:018F	03-154/03:55:48	1T
2023	154 16:15:12	31				B- DTRMA-1.31			37363:26:001F	03-154/04:06:11	1TB

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2024	154 16:15:12	31				BEGIN DTRMA131			37363:26:001F	03-154/04:06:11	1T
2025	154 16:15:12	31			CC16C	(2217) DTR STATE SELECT: SLEW	DTR		37363:26:002F	03-154/04:06:12	1ECd
2026	154 16:15:12	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:7 TIC:3540	DTR		37363:26:002F	03-154/04:06:12	1ESd
2027	154 16:17:16	31			EOT	END OF TAPE			37363:28:469F	03-154/04:08:15	1Ed
2028	154 18:35:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9428 (D/L ONLY)					1DP
2029	154 18:35:00	31				CFG CODES					1DP
2030	154 18:35:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9428 (D/L ONLY)					1DP
2031	154 18:35:00	31				CFG CODES					1DP
2032	154 18:42:30	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2033	154 18:49:40	31	40 SET			10.2 DEGREE SET DSC-40					1V
2034	154 18:59:12	31			CC16C	(2228) DTR STATE SELECT: SLEW	DTR		37366:51:001F	03-154/06:50:11	1ECd
2035	154 18:59:12	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:8 TIC:3585	DTR		37366:51:001F	03-154/06:50:11	1ESd
2036	154 18:59:12	31			EOT	END OF TAPE			37366:51:010F	03-154/06:50:12	1Ed
2037	154 21:00:00	31	43 AOS	OPCH ACE		AOS DSS-43 PASS-9428 (D/L ONLY)					1DP
2038	154 21:00:00	31				CFG CODES					1DP
2039	154 21:00:00	31	43 AOS	OPCH ACE		AOS DSS-43 PASS-9428 (D/L ONLY)					1DP
2040	154 21:00:00	31				CFG CODES					1DP



FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2041	154 21:35:58	31			BOT	BEGIN OF TAPE			37370:06:749F	03-154/09:26:56	1Ed
2042	154 21:39:11	31				TAPE AT BOT			37370:10:768F	03-154/09:30:09	1T
2043	154 21:39:11	31				END DTRMA131			37370:10:768F	03-154/09:30:09	1T
2044	154 21:43:13	31				TAPPOS-3540			37370:16:001F	03-154/09:34:11	1T
2045	154 21:43:13	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		37370:16:002F	03-154/09:34:11	1ECd
2046	154 21:43:13	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0199	DTR		37370:16:002F	03-154/09:34:11	1ESd
2047	154 21:43:13	31			BOT	BEGIN OF TAPE			37370:16:010F	03-154/09:34:12	1Ed
2048	155 00:00:00	31				VGR-31 OWLT IS 12H 09M 01S					1L
2049	155 00:17:51	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		37373:29:239F	03-154/12:08:50	1ECd
2050	155 00:17:51	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3540	DTR		37373:29:239F	03-154/12:08:50	1ESd
2051	155 00:31:13	31				REV/TRK 4			37373:46:001F	03-154/12:22:11	1T
2052	155 00:31:13	31			CC16C	(7024) DTR STATE SELECT: READY	DTR		37373:46:002F	03-154/12:22:11	1ECd
2053	155 00:31:13	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:3540	DTR		37373:46:002F	03-154/12:22:11	1ESd
2054	155 01:10:00	31	43 LOS	OPCH ACE		LOS DSS-43 PASS-9428					1DP
2055	155 01:10:00	31	43 LOS	OPCH ACE		LOS DSS-43 PASS-9428					1DP
2056	155 02:00:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9428					1DP
2057	155 02:00:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9428					1DP

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2058	155 02:15:22	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2059	155 02:35:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9429 (D/L ONLY)					1DP
2060	155 02:35:00	31				CFG CODES					1DP
2061	155 02:35:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9429 (D/L ONLY)					1DP
2062	155 02:35:00	31				CFG CODES					1DP
2063	155 05:50:02	31	60 SET			15.6 DEGREE SET DSC-60					1V
2064	155 09:44:50	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2065	155 12:00:00	31				VGR-31 OWLT IS 12H 09M 04S					1L
2066	155 12:35:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9429					1DP
2067	155 12:35:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9429					1DP
2068	155 13:44:12	31	10 SET			10.2 DEGREE SET DSC-10					1V
2069	155 18:25:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9429 (D/L ONLY)					1DP
2070	155 18:25:00	31				CFG CODES					1DP
2071	155 18:25:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9429 (D/L ONLY)					1DP
2072	155 18:25:00	31				CFG CODES					1DP
2073	155 18:38:31	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2074	155 18:45:41	31	40 SET			10.2 DEGREE SET DSC-40					1V
2075	155 22:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9429					1DP
2076	155 22:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9429					1DP
2077	156 00:00:00	31				VGR-31 OWLT IS 12H 09M 06S					1L
2078	156 02:11:24	31	10RISE			10.2 DEGREE RISE DSC-10					1V

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2079	156 02:55:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9430 (D/L ONLY)					1DP
2080	156 02:55:00	31				CFG CODES					1DP
2081	156 02:55:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9430 (D/L ONLY)					1DP
2082	156 02:55:00	31				CFG CODES					1DP
2083	156 05:46:03	31	60 SET			15.6 DEGREE SET DSC-60					1V
2084	156 06:00:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9430 (U/L PASS)					1DP
2085	156 06:00:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9430 (U/L PASS)					1DP
2086	156 06:20:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9430					1DP
2087	156 06:20:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9430					1DP
2088	156 08:40:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9430 (D/L ONLY)					1DP
2089	156 08:40:00	31				CFG CODES					1DP
2090	156 08:40:00	31	24 AOS	OPCH ACE		AOS DSS-24 PASS-9430 (D/L ONLY)					1DP
2091	156 08:40:00	31				CFG CODES					1DP
2092	156 09:00:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9430					1DP
2093	156 09:00:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9430					1DP
2094	156 09:40:52	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2095	156 12:00:00	31				VGR-31 OWLT IS 12H 09M 09S					1L
2096	156 12:55:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9430					1DP
2097	156 12:55:00	31	24 LOS	OPCH ACE		LOS DSS-24 PASS-9430					1DP
2098	156 13:40:14	31	10 SET			10.2 DEGREE SET DSC-10					1V
2099	156 18:25:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9430 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT 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	156 18:25:00	31				CFG CODES					1DP
2101	156 18:25:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9430 (D/L ONLY)					1DP
2102	156 18:25:00	31				CFG CODES					1DP
2103	156 18:28:58	31			AC7SSB	(4 +145) SS BIAS CONTROL --- YAW	AACS		37426:13:003F	03-156/06:19:48	1ECa
2104	156 18:34:33	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2105	156 18:41:43	31	40 SET			10.2 DEGREE SET DSC-40					1V
2106	156 19:45:59	31	63	TRK DSS		<p>ASCAL PREP</p> <p>=====</p> <p>ANTENNA DRIVE TO PRECISION ONE</p> <p>(70 METER STATION ONLY)</p> <p>PRIME DATA SOURCE=X BAND AGC</p> <p>=====</p> <p>TURN CONSCAN -----&gt; OFF (IF ON)</p>					1TD
2107	156 19:56:47	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2108	156 19:56:47	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
2109	156 20:00:59	31				B- ASCAL			37428:08:001F	03-156/07:51:47	1TB
2110	156 20:00:59	31				B- DREL40			37428:08:001F	03-156/07:51:47	1TB
2111	156 20:00:59	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		37428:08:009F	03-156/07:51:48	1ECf

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2112	156 20:00:59	31	63	OPCH 63		START ASCAL =====					1TD
						DSS-63: MONITOR X-BD AGC VARIATIONS DURING ASCAL IF X-BD RCVR DROPS LOCK INITIATE AUTO ACQUIRE					
2113	156 20:01:47	31		ACE OPCH			FDS	CE-40	37428:09:001F	03-156/07:52:35	1ESF
						FDS STATUS EL-40/X40/S40 MEM:PA/FDS11					
2114	156 20:01:47	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		37428:09:002F	03-156/07:52:35	1ECs
2115	156 20:16:59	31				.05 ALL AXES DEADBAND			37428:28:001F	03-156/08:07:47	1T
2116	156 20:16:59	31			AC7DDB	(000480) CHG TO .05 DEG DEADBAND	AACS		37428:28:003F	03-156/08:07:48	1ECa
2117	156 20:32:59	31			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		37428:48:002F	03-156/08:23:48	1ECa
2118	156 20:32:59	31				AACS STATUS MODE : AAI GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		37428:48:002F	03-156/08:23:48	1ESa
2119	156 20:32:59	31			CC7GCRP	GYRO C OFF	PWR		37428:48:003F	03-156/08:23:48	1ECp
2120	156 20:32:59	31			CC7GCRP	GYRO C OFF	PWR		37428:48:005F	03-156/08:23:48	1ECp
2121	156 20:32:59	31			CC7PC	(372) GYRO C OFF	AACS		37428:48:007F	03-156/08:23:48	1ECa
2122	156 20:32:59	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		37428:48:007F	03-156/08:23:48	1ECp
2123	156 20:32:59	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		37428:48:010F	03-156/08:23:48	1ECp
2124	156 20:33:00	31			CC7PC	(312) DUMMY PWR CMD	AACS		37428:48:012F	03-156/08:23:48	1ECa

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT 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	156 20:33:46	31	63	OPCH 63		ASCAL =====					1TD
						START YAW DRIFT TURNS					
2126	156 20:33:47	31				START FIRST YAW DRIFT TURN			37428:49:001F	03-156/08:24:35	1T
2127	156 20:33:47	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		37428:49:003F	03-156/08:24:36	1ECa
2128	156 20:37:47	31			AC7PAR	(7015 764220) PARAMETER LOAD	AACS		37428:54:003F	03-156/08:28:36	1ECa
2129	156 20:45:47	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		37429:04:003F	03-156/08:36:36	1ECa
2130	156 20:49:47	31			AC7PAR	(7015 000000) PARAMETER LOAD	AACS		37429:09:003F	03-156/08:40:36	1ECa
2131	156 20:49:47	31	63	OPCH 63		ASCAL =====					1TD
						END YAW DRIFT TURNS					
2132	156 20:49:48	31				END THIRD YAW DRIFT TURN			37429:09:018F	03-156/08:40:36	1T
2133	156 20:50:34	31	63	OPCH 63		ASCAL =====					1TD
						START PITCH DRIFT TURNS					
2134	156 20:50:35	31				START FIRST PITCH DRIFT TURN			37429:10:001F	03-156/08:41:23	1T
2135	156 20:50:35	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		37429:10:003F	03-156/08:41:24	1ECa
2136	156 20:54:35	31			AC7PAR	(7014 764220) PARAMETER LOAD	AACS		37429:15:003F	03-156/08:45:24	1ECa
2137	156 21:02:35	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		37429:25:003F	03-156/08:53:24	1ECa
2138	156 21:06:35	31			AC7PAR	(7014 000000) PARAMETER LOAD	AACS		37429:30:003F	03-156/08:57:24	1ECa
2139	156 21:06:35	31	63	OPCH 63		ASCAL =====					1TD
						END PITCH DRIFT TURNS					

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2140	156 21:06:36	31				END THIRD PITCH DRIFT TURN			37429:30:018F	03-156/08:57:24	1T
2141	156 21:08:11	31			CC7SS	(1) SS SEARCH ENABLE	AACS		37429:32:001F	03-156/08:58:59	1ECa
2142	156 21:08:11	31					AACS		37429:32:001F	03-156/08:58:59	1ESa
						AACS STATUS MODE : RAI GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF					
2143	156 21:08:11	31			CC7PC	(327) IDET ACQUIRED	AACS		37429:32:002F	03-156/08:59:00	1ECa
2144	156 21:08:11	31			CC7GCRP	GYRO C OFF	PWR		37429:32:003F	03-156/08:59:00	1ECp
2145	156 21:08:11	31			CC7GCRP	GYRO C OFF	PWR		37429:32:005F	03-156/08:59:00	1ECp
2146	156 21:08:11	31			CC7PC	(372) GYRO C OFF	AACS		37429:32:007F	03-156/08:59:00	1ECa
2147	156 21:08:11	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		37429:32:008F	03-156/08:59:00	1ECp
2148	156 21:08:11	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		37429:32:010F	03-156/08:59:00	1ECp
2149	156 21:08:12	31			CC7PC	(312) DUMMY PWR CMD	AACS		37429:32:012F	03-156/08:59:00	1ECa
2150	156 21:08:47	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2151	156 21:08:47	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2152	156 21:08:59	31				B- MISCMD			37429:33:001F	03-156/08:59:47	1TB
2153	156 21:08:59	31				MISCMD - RESET CALIB			37429:33:001F	03-156/08:59:47	1T
2154	156 21:08:59	31			AC7PAR	(7530 000000) PARAMETER LOAD	AACS		37429:33:004F	03-156/08:59:48	1ECa
2155	156 21:09:47	31			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		37429:34:001F	03-156/09:00:35	1ECa

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2156	156 21:10:52	31					AACS		37429:35:285F	03-156/09:01:40	1ESa
						AACS STATUS MODE : CRU GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF					
2157	156 21:10:52	31			CC7PC	(307) STAR ACQUIRED	AACS		37429:35:285F	03-156/09:01:40	1ECa
2158	156 21:10:52	31			CC7GCRP	GYRO C OFF	PWR		37429:35:286F	03-156/09:01:41	1ECp
2159	156 21:10:52	31			CC7GCRP	GYRO C OFF	PWR		37429:35:288F	03-156/09:01:41	1ECp
2160	156 21:10:52	31			CC7PC	(372) GYRO C OFF	AACS		37429:35:290F	03-156/09:01:41	1ECa
2161	156 21:10:52	31			CC7GBRP	GYRO B OFF	PWR		37429:35:290F	03-156/09:01:41	1ECp
2162	156 21:10:52	31					AACS		37429:35:290F	03-156/09:01:41	1ESa
						AACS STATUS MODE : CRU GYRO A: ON HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF					
2163	156 21:10:52	31			CC7GBRP	GYRO B OFF	PWR		37429:35:293F	03-156/09:01:41	1ECp
2164	156 21:10:53	31			CC7PC	(362) GYRO B OFF	AACS		37429:35:295F	03-156/09:01:41	1ECa
2165	156 21:10:53	31			CC7GARP	GYRO A OFF	PWR		37429:35:295F	03-156/09:01:41	1ECp
2166	156 21:10:53	31					AACS		37429:35:295F	03-156/09:01:41	1ESa
						AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF					
2167	156 21:10:53	31			CC7GARP	GYRO A OFF	PWR		37429:35:297F	03-156/09:01:41	1ECp
2168	156 21:10:53	31			CC7PC	(352) GYRO A OFF	AACS		37429:35:299F	03-156/09:01:41	1ECa
2169	156 21:10:53	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		37429:35:300F	03-156/09:01:41	1ECp
2170	156 21:10:53	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		37429:35:302F	03-156/09:01:42	1ECp
2171	156 21:10:53	31			CC7PC	(312) DUMMY PWR CMD	AACS		37429:35:304F	03-156/09:01:42	1ECa



FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2172	156 21:12:59	31				B- DRCRUS			37429:38:001F	03-156/09:03:47	1TB
2173	156 21:12:59	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		37429:38:009F	03-156/09:03:48	1ECf
2174	156 21:13:47	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	37429:39:001F	03-156/09:04:35	1ESf
2175	156 21:13:47	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		37429:39:002F	03-156/09:04:35	1ECs
2176	156 21:19:23	31				B- YAWDB			37429:46:001F	03-156/09:10:11	1TB
2177	156 21:19:23	31				YAWDB - .10			37429:46:001F	03-156/09:10:11	1T
2178	156 21:19:23	31				B- ROLLDB			37429:46:001F	03-156/09:10:11	1TB
2179	156 21:19:23	31				ROLLDB - .25			37429:46:001F	03-156/09:10:11	1T
2180	156 21:19:23	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		37429:46:003F	03-156/09:10:12	1ECa
2181	156 21:19:23	31			AC7PAR	(6742 004540) +ROLL DB=.25 DEG	AACS		37429:46:005F	03-156/09:10:12	1ECa
2182	156 21:19:24	31	63	OPCH	63	END ASCAL					1TD
2183	156 21:39:23	31				B- MISCMD			37430:11:001F	03-156/09:30:11	1TB
2184	156 21:39:23	31				MISCMD - PLS SUPP HTR ON			37430:11:001F	03-156/09:30:11	1T
2185	156 21:39:23	31			CC32B	PLS SUPPLEMENTAL HEATER ON	PWR		37430:11:002F	03-156/09:30:11	1ECp
2186	156 23:45:00	31	63 LOS	OPCH	ACE	LOS DSS-63 PASS-9430					1DP
2187	156 23:45:00	31	63 LOS	OPCH	ACE	LOS DSS-63 PASS-9430					1DP
2188	157 00:00:00	31				VGR-31 OWLT IS 12H 09M 11S					1L

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2189	157 02:07:25	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2190	157 02:20:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9431 (D/L ONLY)					1DP
2191	157 02:20:00	31				CFG CODES					1DP
2192	157 02:20:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9431 (D/L ONLY)					1DP
2193	157 02:20:00	31				CFG CODES					1DP
2194	157 05:42:04	31	60 SET			15.6 DEGREE SET DSC-60					1V
2195	157 08:09:49	31				B- UVSLEW			37443:19:001F	03-156/20:00:35	1TB
2196	157 08:09:49	31				SLEW TO HELIO-20B			37443:19:001F	03-156/20:00:35	1T
2197	157 08:09:49	31				B- PLATPOB			37443:19:001F	03-156/20:00:35	1TB
2198	157 08:09:49	31			AC7SPK	(2 12 1 099 212) AZ SLEW R=LOW	AACS		37443:19:003F	03-156/20:00:36	1ECa
2199	157 08:09:49	31			AC7SPK	(1 12 2 173 176) EL SLEW R=LOW	AACS		37443:19:005F	03-156/20:00:36	1ECa
2200	157 08:43:27	31				B- SLEND			37444:01:034F	03-156/20:34:13	1TB
2201	157 08:43:27	31			SLEWEND	AZ=125.027 EL=25.034 CO=21.080			37444:01:034F	03-156/20:34:13	1T
2202	157 09:36:54	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2203	157 10:05:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9431 (D/L ONLY)					1DP
2204	157 10:05:00	31				CFG CODES					1DP
2205	157 10:25:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9431					1DP
2206	157 10:25:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9431					1DP
2207	157 10:30:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-9431 (D/L ONLY)					1DP
2208	157 10:30:00	31				CFG CODES					1DP
2209	157 12:00:00	31				VGR-31 OWLT IS 12H 09M 14S					1L

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2210	157 12:55:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9431					1DP
2211	157 13:36:16	31	10 SET			10.2 DEGREE SET DSC-10					1V
2212	157 17:45:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-9431					1DP
2213	157 18:30:34	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2214	157 18:37:44	31	40 SET			10.2 DEGREE SET DSC-40					1V
2215	157 19:01:04	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		37456:53:002F	03-157/06:51:48	1ECd
2216	157 19:01:04	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3540	DTR		37456:53:002F	03-157/06:51:48	1ESd
2217	157 19:14:24	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		37457:09:543F	03-157/07:05:08	1ECd
2218	157 19:14:24	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:3251	DTR		37457:09:543F	03-157/07:05:08	1ESd
2219	157 19:15:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9431 (D/L ONLY)					1DP
2220	157 19:15:00	31				CFG CODES					1DP
2221	157 19:15:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9431 (D/L ONLY)					1DP
2222	157 19:15:00	31				CFG CODES					1DP
2223	157 19:16:16	31				B- MISCMD			37457:12:001F	03-157/07:06:59	1TB
2224	157 19:16:16	31				MISCMD - PLS SUPP HTR OFF			37457:12:001F	03-157/07:06:59	1T
2225	157 19:16:16	31			CC32BR	PLS SUPPLEMENTAL HEATER OFF	PWR		37457:12:002F	03-157/07:06:59	1ECp
2226	157 19:21:52	31				B- MISCMD			37457:19:001F	03-157/07:12:35	1TB
2227	157 19:21:52	31				MISCMD - PLS ON			37457:19:001F	03-157/07:12:35	1T

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT 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	157 19:21:52	31			CC32A	PLS ON	PWR		37457:19:002F	03-157/07:12:35	1ECp
2229	157 19:23:28	31				B- MISCMD			37457:21:001F	03-157/07:14:11	1TB
2230	157 19:23:28	31				MISCMD - PWR ON STATE			37457:21:001F	03-157/07:14:11	1T
2231	157 19:23:28	31			SC32AJ	(00) PLS CONFIG CMD	FDS		37457:21:009F	03-157/07:14:12	1ECf
2232	157 19:29:52	31				B- MISCMD			37457:29:001F	03-157/07:20:35	1TB
2233	157 19:29:52	31				MISCMD - PLASMA MEAS			37457:29:001F	03-157/07:20:35	1T
2234	157 19:29:52	31			SC32AJ	(15) PLS CONFIG CMD	FDS		37457:29:009F	03-157/07:20:36	1ECf
2235	157 21:58:28	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2236	157 21:58:28	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2237	157 21:59:16	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2238	157 21:59:16	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2239	157 22:01:04	31			CC16C	(7017) DTR STATE SELECT: READY	DTR		37460:38:002F	03-157/09:51:48	1ECd
2240	157 22:01:04	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:3251	DTR		37460:38:002F	03-157/09:51:48	1ESd
2241	157 22:01:52	31				AHEL11 PWSREC 20			37460:39:001F	03-157/09:52:35	1T
2242	157 22:01:52	31				B- PWSREC.31			37460:39:001F	03-157/09:52:35	1TB
2243	157 22:01:52	31				BEGIN PWSREC.31			37460:39:001F	03-157/09:52:35	1T
2244	157 22:01:52	31			SC32AJ	(10) PLS CONFIG CMD	FDS		37460:39:009F	03-157/09:52:36	1ECf

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2245	157 22:02:40	31				B- DRGS4B			37460:40:001F	03-157/09:53:23	1TB
2246	157 22:02:40	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		37460:40:009F	03-157/09:53:24	1ECf
2247	157 22:03:24	31				BEGIN RECORDING PWS DATA			37460:40:734F	03-157/09:54:07	1T
2248	157 22:03:24	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		37460:40:735F	03-157/09:54:08	1ECd
2249	157 22:03:24	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:3251	DTR		37460:40:735F	03-157/09:54:08	1ESd
2250	157 22:03:28	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	37460:41:001F	03-157/09:54:11	1ESf
2251	157 22:03:28	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		37460:41:002F	03-157/09:54:12	1ECs
2252	157 22:03:29	31				B- DRCRUS			37460:41:018F	03-157/09:54:12	1TB
2253	157 22:03:29	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		37460:41:026F	03-157/09:54:13	1ECf
2254	157 22:04:16	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	37460:42:001F	03-157/09:54:59	1ESf
2255	157 22:04:16	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		37460:42:002F	03-157/09:55:00	1ECd

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2256	157 22:04:16	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:3544	DTR		37460:42:002F	03-157/09:55:00	1ESd
2257	157 22:04:16	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		37460:42:002F	03-157/09:55:00	1ECs
2258	157 22:05:04	31			SC32AJ	(11) PLS CONFIG CMD	FDS		37460:43:009F	03-157/09:55:48	1ECF
2259	157 22:05:05	31				END PWSREC.31			37460:43:018F	03-157/09:55:48	1T
2260	157 22:08:16	31				B- MISCMD			37460:47:001F	03-157/09:58:59	1TB
2261	157 22:08:16	31				MISCMD - PLASMA MEAS			37460:47:001F	03-157/09:58:59	1T
2262	157 22:08:16	31			SC32AJ	(15) PLS CONFIG CMD	FDS		37460:47:009F	03-157/09:59:00	1ECF
2263	157 22:40:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9431					1DP
2264	157 22:40:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9431					1DP
2265	158 00:00:00	31				VGR-31 OWLT IS 12H 09M 17S					1L
2266	158 00:10:41	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		37463:20:002F	03-157/12:01:24	1ECd
2267	158 00:10:41	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3550	DTR		37463:20:002F	03-157/12:01:24	1ESd
2268	158 00:11:08	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		37463:20:455F	03-157/12:01:51	1ECd
2269	158 00:11:08	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:3540	DTR		37463:20:455F	03-157/12:01:51	1ESd
2270	158 02:03:27	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2271	158 02:50:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9432 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2272	158 02:50:00	31				CFG CODES					1DP
2273	158 02:50:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9432 (D/L ONLY)					1DP
2274	158 02:50:00	31				CFG CODES					1DP
2275	158 03:10:41	31			CC16C	(7024) DTR STATE SELECT: READY	DTR		37467:05:002F	03-157/15:01:24	1ECd
2276	158 03:10:41	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:3540	DTR		37467:05:002F	03-157/15:01:24	1ESd
2277	158 05:38:05	31	60 SET			15.6 DEGREE SET DSC-60					1V
2278	158 08:09:54	31				B- UVSLEW			37473:19:001F	03-157/20:00:35	1TB
2279	158 08:09:54	31				SLEW TO HELIO-19A			37473:19:001F	03-157/20:00:35	1T
2280	158 08:09:54	31				B- PLATPOB			37473:19:001F	03-157/20:00:35	1TB
2281	158 08:09:54	31			AC7SPK	(1 12 1 157 028) EL SLEW R=LOW	AACS		37473:19:003F	03-157/20:00:36	1ECa
2282	158 08:09:54	31			AC7SPL	(2 12 1 255 211) AZ SLEW R=LOW	AACS		37473:19:005F	03-157/20:00:36	1ECa
2283	158 08:14:49	31				B- SLEND			37473:25:118F	03-157/20:05:30	1TB
2284	158 08:14:49	31			SLEWEND	AZ=124.998 EL=47.993 CO=43.666			37473:25:118F	03-157/20:05:30	1T
2285	158 09:32:56	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2286	158 10:25:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9432					1DP
2287	158 10:25:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9432					1DP
2288	158 12:00:00	31				VGR-31 OWLT IS 12H 09M 19S					1L
2289	158 13:32:18	31	10 SET			10.2 DEGREE SET DSC-10					1V
2290	158 15:04:20	31			AC7SSB	(3 -002) SS BIAS CONTROL - PITCH	AACS		37481:57:003F	03-158/02:55:00	1ECa
2291	158 18:26:36	31	60RISE			10.2 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2292	158 18:33:46	31	40 SET			10.2 DEGREE SET DSC-40					1V
2293	158 19:10:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9432 (D/L ONLY)					1DP
2294	158 19:10:00	31				CFG CODES					1DP
2295	158 19:10:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9432 (D/L ONLY)					1DP
2296	158 19:10:00	31				CFG CODES					1DP
2297	159 00:00:00	31				VGR-31 OWLT IS 12H 09M 22S					1L
2298	159 00:05:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9432					1DP
2299	159 00:05:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9432					1DP
2300	159 01:59:28	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2301	159 02:50:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9433 (D/L ONLY)					1DP
2302	159 02:50:00	31				CFG CODES					1DP
2303	159 04:20:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9433 (D/L ONLY)					1DP
2304	159 04:20:00	31				CFG CODES					1DP
2305	159 05:34:06	31	60 SET			15.6 DEGREE SET DSC-60					1V
2306	159 08:10:00	31				B- UVSLEW			37503:19:001F	03-158/20:00:35	1TB
2307	159 08:10:00	31				SLEW TO HELIO-18A			37503:19:001F	03-158/20:00:35	1T
2308	159 08:10:00	31				B- PLATPOA			37503:19:001F	03-158/20:00:35	1TB
2309	159 08:10:00	31			AC7SPK	(1 12 2 141 140) EL SLEW R=LOW	AACS		37503:19:003F	03-158/20:00:36	1ECa
2310	159 08:14:45	31				B- SLEND			37503:24:751F	03-158/20:05:20	1TB
2311	159 08:14:45	31			SLEWEND	AZ=124.998 EL=70.992 CO=66.526			37503:24:751F	03-158/20:05:20	1T
2312	159 09:28:58	31	40RISE			10.2 DEGREE RISE DSC-40					1V



FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2313	159 09:50:00	31				B- MISCMD			37505:24:001F	03-158/21:40:35	1TB
2314	159 09:50:00	31				MISCMD - PLASMA MEAS MOD OFF			37505:24:001F	03-158/21:40:35	1T
2315	159 09:50:00	31			SC32AJ	(14) PLS CONFIG CMD	FDS		37505:24:009F	03-158/21:40:36	1ECf
2316	159 10:20:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9433					1DP
2317	159 10:20:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9433					1DP
2318	159 12:00:00	31				VGR-31 OWLT IS 12H 09M 25S					1L
2319	159 13:28:20	31	10 SET			10.2 DEGREE SET DSC-10					1V
2320	159 18:15:00	31	54 AOS	OPCH ACE		AOS DSS-54 PASS-9433 (D/L ONLY)					1DP
2321	159 18:15:00	31				CFG CODES					1DP
2322	159 18:22:37	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2323	159 18:29:47	31	40 SET			10.2 DEGREE SET DSC-40					1V
2324	159 20:35:00	31	54 AOS	OPCH ACE		AOS DSS-54 PASS-9433 (D/L ONLY)					1DP
2325	159 20:35:00	31				CFG CODES					1DP
2326	160 00:00:00	31				VGR-31 OWLT IS 12H 09M 27S					1L
2327	160 01:55:30	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2328	160 02:45:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9434 (D/L ONLY)					1DP
2329	160 02:45:00	31				CFG CODES					1DP
2330	160 02:45:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9434 (D/L ONLY)					1DP
2331	160 02:45:00	31				CFG CODES					1DP
2332	160 03:15:00	31	54 LOS	OPCH ACE		LOS DSS-54 PASS-9433					1DP
2333	160 03:40:00	31	54 LOS	OPCH ACE		LOS DSS-54 PASS-9433					1DP

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2334	160 05:30:07	31	60 SET			15.6 DEGREE SET DSC-60					1V
2335	160 08:10:05	31				B- UVSLEW			37533:19:001F	03-159/20:00:35	1TB
2336	160 08:10:05	31				SLEW TO HELIO-17A			37533:19:001F	03-159/20:00:35	1T
2337	160 08:10:05	31				B- PLATPOA			37533:19:001F	03-159/20:00:35	1TB
2338	160 08:10:05	31			AC7SPK	(1 12 1 127 095) EL SLEW R=LOW	AACS		37533:19:003F	03-159/20:00:36	1ECa
2339	160 08:14:14	31				B- SLEND			37533:24:151F	03-159/20:04:44	1TB
2340	160 08:14:14	31			SLEWEND	AZ=124.998 EL=91.003 CO=86.421			37533:24:151F	03-159/20:04:44	1T
2341	160 08:15:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9434 (D/L ONLY)					1DP
2342	160 08:15:00	31				CFG CODES					1DP
2343	160 08:15:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9434 (D/L ONLY)					1DP
2344	160 08:15:00	31				CFG CODES					1DP
2345	160 08:20:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9434					1DP
2346	160 08:20:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9434					1DP
2347	160 09:24:59	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2348	160 09:50:06	31				B- MISCMD			37535:24:001F	03-159/21:40:35	1TB
2349	160 09:50:06	31				MISCMD - PLS CUR CALIB			37535:24:001F	03-159/21:40:35	1T
2350	160 09:50:06	31			SC32AJ	(10) PLS CONFIG CMD	FDS		37535:24:009F	03-159/21:40:36	1ECf
2351	160 11:55:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9434					1DP
2352	160 11:55:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9434					1DP
2353	160 12:00:00	31				VGR-31 OWLT IS 12H 09M 30S					1L
2354	160 13:24:21	31	10 SET			10.2 DEGREE SET DSC-10					1V
2355	160 18:05:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9434 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2356	160 18:05:00	31				CFG CODES					1DP
2357	160 18:05:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9434 (D/L ONLY)					1DP
2358	160 18:05:00	31				CFG CODES					1DP
2359	160 18:18:39	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2360	160 18:25:48	31	40 SET			10.2 DEGREE SET DSC-40					1V
2361	160 22:35:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9434					1DP
2362	161 00:00:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9434					1DP
2363	161 00:00:00	31				VGR-31 OWLT IS 12H 09M 33S					1L
2364	161 01:51:31	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2365	161 02:40:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9435 (D/L ONLY)					1DP
2366	161 02:40:00	31				CFG CODES					1DP
2367	161 02:40:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9435 (D/L ONLY)					1DP
2368	161 02:40:00	31				CFG CODES					1DP
2369	161 05:26:10	31	60 SET			15.6 DEGREE SET DSC-60					1V
2370	161 07:20:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9435 (D/L ONLY)					1DP
2371	161 07:20:00	31				CFG CODES					1DP
2372	161 07:20:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9435 (D/L ONLY)					1DP
2373	161 07:20:00	31				CFG CODES					1DP
2374	161 07:40:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9435					1DP
2375	161 07:40:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9435					1DP



FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2395	161 15:38:13	31				BEGIN PWSREC.31			37572:39:001F	03-161/03:28:35	1T
2396	161 15:38:13	31			SC32AJ	(10) PLS CONFIG CMD	FDS		37572:39:010F	03-161/03:28:36	1ECf
2397	161 15:39:01	31				B- DRGS4B			37572:40:001F	03-161/03:29:23	1TB
2398	161 15:39:01	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		37572:40:009F	03-161/03:29:24	1ECf
2399	161 15:39:45	31				BEGIN RECORDING PWS DATA			37572:40:734F	03-161/03:30:07	1T
2400	161 15:39:45	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		37572:40:735F	03-161/03:30:08	1ECd
2401	161 15:39:45	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:4 TIC:3540	DTR		37572:40:735F	03-161/03:30:08	1ESd
2402	161 15:39:49	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	37572:41:001F	03-161/03:30:11	1ESf
2403	161 15:39:49	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		37572:41:002F	03-161/03:30:12	1ECs
2404	161 15:39:50	31				B- DRCRUS			37572:41:018F	03-161/03:30:12	1TB
2405	161 15:39:50	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		37572:41:026F	03-161/03:30:13	1ECf

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2406	161 15:40:37	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	37572:42:001F	03-161/03:30:59	1ESf
2407	161 15:40:37	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		37572:42:002F	03-161/03:30:59	1ECs
2408	161 15:40:37	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		37572:42:002F	03-161/03:31:00	1ECd
2409	161 15:40:37	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:3248	DTR		37572:42:002F	03-161/03:31:00	1ESd
2410	161 15:41:25	31			SC32AJ	(11) PLS CONFIG CMD	FDS		37572:43:009F	03-161/03:31:48	1ECf
2411	161 15:41:26	31				END PWSREC.31			37572:43:018F	03-161/03:31:48	1T
2412	161 15:44:37	31				B- MISCMD			37572:47:001F	03-161/03:34:59	1TB
2413	161 15:44:37	31				MISCMD - PLS MOD V MON			37572:47:001F	03-161/03:34:59	1T
2414	161 15:44:37	31			SC32AJ	(07) PLS CONFIG CMD	FDS		37572:47:009F	03-161/03:35:00	1ECf
2415	161 18:14:40	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2416	161 18:21:50	31	40 SET			10.2 DEGREE SET DSC-40					1V
2417	161 18:55:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9435 (D/L ONLY)					1DP
2418	161 18:55:00	31				CFG CODES					1DP
2419	161 18:55:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9435 (D/L ONLY)					1DP
2420	161 18:55:00	31				CFG CODES					1DP
2421	161 23:55:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9435					1DP
2422	161 23:55:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9435					1DP

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2423	162 00:00:00	31				VGR-31 OWLT IS 12H 09M 39S					1L
2424	162 01:47:33	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2425	162 02:35:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9436 (D/L ONLY)					1DP
2426	162 02:35:00	31				CFG CODES					1DP
2427	162 02:35:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9436 (D/L ONLY)					1DP
2428	162 02:35:00	31				CFG CODES					1DP
2429	162 05:22:11	31	60 SET			15.6 DEGREE SET DSC-60					1V
2430	162 08:10:17	31				B- UVSLEW			37593:19:001F	03-161/20:00:35	1TB
2431	162 08:10:17	31				SLEW TO HELIO-15A			37593:19:001F	03-161/20:00:35	1T
2432	162 08:10:17	31				B- PLATPOA			37593:19:001F	03-161/20:00:35	1TB
2433	162 08:10:17	31			AC7SPK	(1 12 1 096 128) EL SLEW R=LOW	AACS		37593:19:003F	03-161/20:00:36	1ECa
2434	162 08:14:37	31				B- SLEND			37593:24:334F	03-161/20:04:55	1TB
2435	162 08:14:37	31			SLEWEND	AZ=124.998 EL=134.977 CO=130.167			37593:24:334F	03-161/20:04:55	1T
2436	162 09:17:03	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2437	162 12:00:00	31				VGR-31 OWLT IS 12H 09M 42S					1L
2438	162 12:35:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9436					1DP
2439	162 12:35:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9436					1DP
2440	162 13:16:25	31	10 SET			10.2 DEGREE SET DSC-10					1V
2441	162 16:00:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9436 (D/L ONLY)					1DP
2442	162 16:00:00	31				CFG CODES					1DP
2443	162 16:00:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9436 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2444	162 16:00:00	31				CFG CODES					1DP
2445	162 18:10:42	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2446	162 18:16:43	31				B- MISCMD			37605:57:001F	03-162/06:06:59	1TB
2447	162 18:16:43	31				MISCMD - DC RETURN MODE OFF			37605:57:001F	03-162/06:06:59	1T
2448	162 18:16:43	31			SC32AJ	(12) PLS CONFIG CMD	FDS		37605:57:009F	03-162/06:07:00	1ECF
2449	162 18:17:51	31	40 SET			10.2 DEGREE SET DSC-40					1V
2450	162 20:09:45	31				B- PASS.2			37608:18:218F	03-162/08:00:00	1TB
2451	162 20:39:45	31				IMPLIMENT ECR TBD TO ---			37608:55:618F	03-162/08:30:00	1T
2452	162 20:39:45	31				B- MEMUPD			37608:55:618F	03-162/08:30:00	1TB
2453	162 20:39:45	31				MEMUPD - MOD TO SC32AJ 13			37608:55:618F	03-162/08:30:00	1T
2454	162 20:44:45	31				DMRO OF NEW COMMAND SC32AJ 13-			37609:02:018F	03-162/08:35:00	1T
2455	162 20:44:45	31				B- PASS.3			37609:02:018F	03-162/08:35:00	1TB
2456	162 21:09:45	31				B- PASS.2			37609:33:218F	03-162/09:00:00	1TB
2457	162 22:30:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9436					1DP
2458	162 22:30:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9436					1DP
2459	162 23:25:00	31	54 AOS	OPCH ACE		AOS DSS-54 PASS-9436 (D/L ONLY)					1DP
2460	162 23:25:00	31				CFG CODES					1DP
2461	162 23:25:00	31	54 AOS	OPCH ACE		AOS DSS-54 PASS-9436 (D/L ONLY)					1DP
2462	162 23:25:00	31				CFG CODES					1DP
2463	163 00:00:00	31				VGR-31 OWLT IS 12H 09M 45S					1L
2464	163 01:43:34	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2465	163 01:45:00	31	54 LOS	OPCH ACE		LOS DSS-54 PASS-9436					1DP



FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2466	163 01:45:00	31	54 LOS	OPCH ACE		LOS DSS-54 PASS-9436					1DP
2467	163 04:48:46	31			AC7SSB	(3 -001) SS BIAS CONTROL - PITCH	AACS		37619:07:003F	03-162/16:39:00	1ECa
2468	163 05:18:12	31	60 SET			15.6 DEGREE SET DSC-60					1V
2469	163 06:00:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9437 (U/L PASS)					1DP
2470	163 06:00:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9437 (U/L PASS)					1DP
2471	163 08:10:23	31				B- UVSLEW			37623:19:001F	03-162/20:00:35	1TB
2472	163 08:10:23	31				SLEW TO HELIO-14A			37623:19:001F	03-162/20:00:35	1T
2473	163 08:10:23	31				B- PLATPOA			37623:19:001F	03-162/20:00:35	1TB
2474	163 08:10:23	31			AC7SPK	(1 12 2 089 171) EL SLEW R=LOW	AACS		37623:19:003F	03-162/20:00:36	1ECa
2475	163 08:12:31	31				B- SLEND			37623:21:534F	03-162/20:02:43	1TB
2476	163 08:12:31	31			SLEWEND	AZ=124.998 EL=144.997 CO=140.123			37623:21:534F	03-162/20:02:43	1T
2477	163 09:13:05	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2478	163 11:00:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9437					1DP
2479	163 11:00:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9437					1DP
2480	163 12:00:00	31				VGR-31 OWLT IS 12H 09M 47S					1L
2481	163 13:12:26	31	10 SET			10.2 DEGREE SET DSC-10					1V
2482	163 18:00:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9437 (D/L ONLY)					1DP
2483	163 18:00:00	31				CFG CODES					1DP
2484	163 18:00:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9437 (D/L ONLY)					1DP
2485	163 18:00:00	31				CFG CODES					1DP
2486	163 18:06:43	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2487	163 18:13:53	31	40 SET			10.2 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2488	163 18:15:13	31				B- MISCMD			37635:55:001F	03-163/06:05:23	1TB
2489	163 18:15:13	31				MISCMD - DC RETURN MEAS			37635:55:001F	03-163/06:05:23	1T
2490	163 18:15:13	31			SC32AJ	(13) PLS CONFIG CMD	FDS		37635:55:009F	03-163/06:05:24	1ECf
2491	164 00:00:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9437					1DP
2492	164 00:00:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9437					1DP
2493	164 00:00:00	31				VGR-31 OWLT IS 12H 09M 50S					1L
2494	164 01:39:36	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2495	164 02:00:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9438 (D/L ONLY)					1DP
2496	164 02:00:00	31				CFG CODES					1DP
2497	164 02:00:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9438 (D/L ONLY)					1DP
2498	164 02:00:00	31				CFG CODES					1DP
2499	164 05:14:13	31	60 SET			15.6 DEGREE SET DSC-60					1V
2500	164 08:10:29	31				B- UVSLEW			37653:19:001F	03-163/20:00:35	1TB
2501	164 08:10:29	31				SLEW TO HELIO-13A			37653:19:001F	03-163/20:00:35	1T
2502	164 08:10:29	31				B- PLATPOA			37653:19:001F	03-163/20:00:35	1TB
2503	164 08:10:29	31			AC7SPK	(1 12 2 083 118) EL SLEW R=LOW	AACS		37653:19:003F	03-163/20:00:36	1ECa
2504	164 08:12:25	31				B- SLEND			37653:21:334F	03-163/20:02:31	1TB
2505	164 08:12:25	31			SLEWEND	AZ=124.998 EL=154.005 CO=149.005			37653:21:334F	03-163/20:02:31	1T
2506	164 09:09:06	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2507	164 12:00:00	31				VGR-31 OWLT IS 12H 09M 53S					1L
2508	164 12:50:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9438					1DP
2509	164 12:50:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9438					1DP

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2510	164 13:08:28	31	10 SET			10.2 DEGREE SET DSC-10					1V
2511	164 18:02:45	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2512	164 18:09:54	31	40 SET			10.2 DEGREE SET DSC-40					1V
2513	164 18:37:43	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		37666:23:002F	03-164/06:27:48	1ECd
2514	164 18:37:43	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:3241	DTR		37666:23:002F	03-164/06:27:48	1ESd
2515	164 18:51:59	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		37666:40:676F	03-164/06:42:04	1ECd
2516	164 18:51:59	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3550	DTR		37666:40:676F	03-164/06:42:04	1ESd
2517	164 19:15:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9438 (D/L ONLY)					1DP
2518	164 19:15:00	31				CFG CODES					1DP
2519	164 19:15:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9438 (D/L ONLY)					1DP
2520	164 19:15:00	31				CFG CODES					1DP
2521	164 21:35:08	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2522	164 21:35:08	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
2523	164 21:35:56	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2524	164 21:35:56	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
2525	164 21:37:44	31			CC16C	(7028) DTR STATE SELECT: READY	DTR		37670:08:002F	03-164/09:27:48	1ECd
2526	164 21:37:44	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:3550	DTR		37670:08:002F	03-164/09:27:48	1ESd
2527	164 21:38:32	31				AHEL11 PWSREC 21			37670:09:001F	03-164/09:28:35	1T
2528	164 21:38:32	31				B- PWSREC.31			37670:09:001F	03-164/09:28:35	1TB
2529	164 21:38:32	31				BEGIN PWSREC.31			37670:09:001F	03-164/09:28:35	1T
2530	164 21:38:32	31			SC32AJ	(10) PLS CONFIG CMD	FDS		37670:09:009F	03-164/09:28:36	1ECF
2531	164 21:39:20	31				B- DRGS4B			37670:10:001F	03-164/09:29:23	1TB
2532	164 21:39:20	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		37670:10:009F	03-164/09:29:24	1ECF
2533	164 21:40:04	31				BEGIN RECORDING PWS DATA			37670:10:734F	03-164/09:30:07	1T
2534	164 21:40:04	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		37670:10:735F	03-164/09:30:08	1ECd
2535	164 21:40:04	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:3550	DTR		37670:10:735F	03-164/09:30:08	1ESd
2536	164 21:40:08	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE -----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	37670:11:001F	03-164/09:30:11	1ESF

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2537	164 21:40:08	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		37670:11:002F	03-164/09:30:11	1ECs
2538	164 21:40:09	31				B- DRCRUS			37670:11:018F	03-164/09:30:12	1TB
2539	164 21:40:09	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		37670:11:026F	03-164/09:30:13	1ECf
2540	164 21:40:56	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	37670:12:001F	03-164/09:30:59	1ESf
2541	164 21:40:56	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		37670:12:002F	03-164/09:31:00	1ECs
2542	164 21:40:56	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		37670:12:002F	03-164/09:31:00	1ECd
2543	164 21:40:56	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:3257	DTR		37670:12:002F	03-164/09:31:00	1ESd
2544	164 21:41:44	31				B- MISCMD			37670:13:001F	03-164/09:31:47	1TB
2545	164 21:41:44	31				MISCMD - DC RETURN MEAS			37670:13:001F	03-164/09:31:47	1T
2546	164 21:41:44	31			SC32AJ	(13) PLS CONFIG CMD	FDS		37670:13:009F	03-164/09:31:48	1ECf
2547	164 21:41:45	31				END PWSREC.31			37670:13:018F	03-164/09:31:48	1T
2548	164 23:15:00	31	63 LOS	OPCH	ACE	LOS DSS-63 PASS-9438					1DP
2549	164 23:15:00	31	63 LOS	OPCH	ACE	LOS DSS-63 PASS-9438					1DP
2550	164 23:47:20	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		37672:50:002F	03-164/11:37:24	1ECd

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT 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	164 23:47:20	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3251	DTR		37672:50:002F	03-164/11:37:24	1ESd
2552	164 23:47:45	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		37672:50:420F	03-164/11:37:49	1ECd
2553	164 23:47:45	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:3241	DTR		37672:50:420F	03-164/11:37:49	1ESd
2554	165 00:00:00	31				VGR-31 OWLT IS 12H 09M 56S					1L
2555	165 01:35:37	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2556	165 02:25:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9439 (D/L ONLY)					1DP
2557	165 02:25:00	31				CFG CODES					1DP
2558	165 02:25:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9439 (D/L ONLY)					1DP
2559	165 02:25:00	31				CFG CODES					1DP
2560	165 02:47:21	31			CC16C	(7024) DTR STATE SELECT: READY	DTR		37676:35:002F	03-164/14:37:24	1ECd
2561	165 02:47:21	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:3241	DTR		37676:35:002F	03-164/14:37:24	1ESd
2562	165 05:10:16	31	60 SET			15.6 DEGREE SET DSC-60					1V
2563	165 08:00:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9439					1DP
2564	165 08:10:35	31				B- UVSLEW			37683:19:001F	03-164/20:00:35	1TB
2565	165 08:10:35	31				SLEW TO HELIO-12A			37683:19:001F	03-164/20:00:35	1T
2566	165 08:10:35	31				B- PLATPOA			37683:19:001F	03-164/20:00:35	1TB

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2567	165 08:10:35	31			AC7SPK	(1 12 1 075 108) EL SLEW R=LOW	AACS		37683:19:003F	03-164/20:00:36	1ECa
2568	165 08:13:01	31				B- SLEND			37683:22:034F	03-164/20:03:01	1TB
2569	165 08:13:01	31			SLEWEND	AZ=124.998 EL=165.528 CO=160.224			37683:22:034F	03-164/20:03:01	1T
2570	165 09:05:08	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2571	165 12:00:00	31				VGR-31 OWLT IS 12H 10M 00S					1L
2572	165 12:15:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9439					1DP
2573	165 13:04:30	31	10 SET			10.2 DEGREE SET DSC-10					1V
2574	165 17:50:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9439 (D/L ONLY)					1DP
2575	165 17:50:00	31				CFG CODES					1DP
2576	165 17:50:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9439 (D/L ONLY)					1DP
2577	165 17:50:00	31				CFG CODES					1DP
2578	165 17:58:46	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2579	165 18:05:56	31	40 SET			10.2 DEGREE SET DSC-40					1V
2580	165 22:49:02	31			AC7SSB	(4 +143) SS BIAS CONTROL --- YAW	AACS		37701:37:002F	03-165/10:39:00	1ECa
2581	165 22:55:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9439					1DP
2582	165 22:55:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9439					1DP
2583	166 00:00:00	31				VGR-31 OWLT IS 12H 10M 03S					1L
2584	166 01:31:39	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2585	166 01:50:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9440 (D/L ONLY)					1DP
2586	166 01:50:00	31				CFG CODES					1DP
2587	166 01:50:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9440 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2588	166 01:50:00	31				CFG CODES					1DP
2589	166 05:06:17	31	60 SET			15.6 DEGREE SET DSC-60					1V
2590	166 08:10:41	31				B- UVSLEW			37713:19:001F	03-165/20:00:35	1TB
2591	166 08:10:41	31				SLEW TO HELIO-11A			37713:19:001F	03-165/20:00:35	1T
2592	166 08:10:41	31				B- PLATPOA			37713:19:001F	03-165/20:00:35	1TB
2593	166 08:10:41	31			AC7SPK	(1 12 2 068 132) EL SLEW R=LOW	AACS		37713:19:003F	03-165/20:00:36	1ECa
2594	166 08:12:55	31				B- SLEND			37713:21:634F	03-165/20:02:49	1TB
2595	166 08:12:55	31			SLEWEND	AZ=124.998 EL=176.039 CO=169.920			37713:21:634F	03-165/20:02:49	1T
2596	166 08:45:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9440					1DP
2597	166 08:45:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9440					1DP
2598	166 09:01:10	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2599	166 12:00:00	31				VGR-31 OWLT IS 12H 10M 06S					1L
2600	166 13:00:31	31	10 SET			10.2 DEGREE SET DSC-10					1V
2601	166 17:54:48	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2602	166 18:01:58	31	40 SET			10.2 DEGREE SET DSC-40					1V
2603	167 00:00:00	31				VGR-31 OWLT IS 12H 10M 09S					1L
2604	167 01:27:40	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2605	167 02:15:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9441 (D/L ONLY)					1DP
2606	167 02:15:00	31				CFG CODES					1DP
2607	167 02:15:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9441 (D/L ONLY)					1DP
2608	167 02:15:00	31				CFG CODES					1DP
2609	167 05:02:18	31	60 SET			15.6 DEGREE SET DSC-60					1V



FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2610	167 07:05:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9441					1DP
2611	167 07:05:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9441					1DP
2612	167 08:57:11	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2613	167 12:00:00	31				VGR-31 OWLT IS 12H 10M 12S					1L
2614	167 12:56:33	31	10 SET			10.2 DEGREE SET DSC-10					1V
2615	167 17:45:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9441 (D/L ONLY)					1DP
2616	167 17:45:00	31				CFG CODES					1DP
2617	167 17:45:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9441 (D/L ONLY)					1DP
2618	167 17:45:00	31				CFG CODES					1DP
2619	167 17:50:49	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2620	167 17:57:59	31	40 SET			10.2 DEGREE SET DSC-40					1V
2621	167 18:10:50	31				B- UVSLEW			37755:49:001F	03-167/06:00:35	1TB
2622	167 18:10:50	31				SLEW TO MIDPNT			37755:49:001F	03-167/06:00:35	1T
2623	167 18:10:50	31				B- PLATPOB			37755:49:001F	03-167/06:00:35	1TB
2624	167 18:10:50	31			AC7SPK	(1 12 2 093 082) EL SLEW R=LOW	AACS		37755:49:003F	03-167/06:00:36	1ECa
2625	167 18:10:50	31			AC7SPK	(2 12 1 165 130) AZ SLEW R=LOW	AACS		37755:49:005F	03-167/06:00:36	1ECa
2626	167 18:33:14	31			AC7SSB	(3 +000) SS BIAS CONTROL - PITCH	AACS		37756:17:003F	03-167/06:23:00	1ECa
2627	167 18:37:34	31				B- SLEND			37756:22:334F	03-167/06:27:19	1TB
2628	167 18:37:34	31			SLEWEND	AZ=220.011 EL=140.025 CO=134.879			37756:22:334F	03-167/06:27:19	1T
2629	167 22:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9441					1DP
2630	167 22:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9441					1DP
2631	168 00:00:00	31				VGR-31 OWLT IS 12H 10M 15S					1L

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2632	168 01:23:42	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2633	168 03:00:00	31	24 AOS	OPCH ACE		AOS DSS-24 PASS-9442 (D/L ONLY)					1DP
2634	168 03:00:00	31				CFG CODES					1DP
2635	168 03:00:00	31	24 AOS	OPCH ACE		AOS DSS-24 PASS-9442 (D/L ONLY)					1DP
2636	168 03:00:00	31				CFG CODES					1DP
2637	168 04:58:19	31	60 SET			15.6 DEGREE SET DSC-60					1V
2638	168 05:25:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9442 (D/L ONLY)					1DP
2639	168 05:25:00	31				CFG CODES					1DP
2640	168 05:25:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9442 (D/L ONLY)					1DP
2641	168 05:25:00	31				CFG CODES					1DP
2642	168 07:45:00	31	24 LOS	OPCH ACE		LOS DSS-24 PASS-9442					1DP
2643	168 07:45:00	31	24 LOS	OPCH ACE		LOS DSS-24 PASS-9442					1DP
2644	168 08:10:54	31				B- UVSLEW			37773:19:001F	03-167/20:00:35	1TB
2645	168 08:10:54	31				SLEW TO HELIO-10A			37773:19:001F	03-167/20:00:35	1T
2646	168 08:10:54	31				B- PLATPOB			37773:19:001F	03-167/20:00:35	1TB
2647	168 08:10:54	31			AC7SPK	(2 12 2 221 177) AZ SLEW R=LOW	AACS		37773:19:003F	03-167/20:00:36	1ECa
2648	168 08:10:54	31			AC7SPK	(1 12 1 070 142) EL SLEW R=LOW	AACS		37773:19:005F	03-167/20:00:36	1ECa
2649	168 08:33:42	31				B- SLEND			37773:47:401F	03-167/20:23:23	1TB
2650	168 08:33:42	31			SLEWEND	AZ=299.986 EL=172.036 CO=173.118			37773:47:401F	03-167/20:23:23	1T
2651	168 08:53:13	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2652	168 12:00:00	31				VGR-31 OWLT IS 12H 10M 19S					1L

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2653	168 12:05:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9442					1DP
2654	168 12:05:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9442					1DP
2655	168 12:52:35	31	10 SET			10.2 DEGREE SET DSC-10					1V
2656	168 15:11:31	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2657	168 15:11:31	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2658	168 15:12:19	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2659	168 15:12:19	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2660	168 15:14:55	31				BEGIN PWSREC.31			37782:09:001F	03-168/03:04:35	1T
2661	168 15:14:55	31			SC32AJ	(10) PLS CONFIG CMD	FDS		37782:09:009F	03-168/03:04:36	1ECf
2662	168 15:15:43	31				B- DRGS4B			37782:10:001F	03-168/03:05:23	1TB
2663	168 15:15:43	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		37782:10:009F	03-168/03:05:24	1ECf
2664	168 15:16:27	31				BEGIN RECORDING PWS DATA			37782:10:734F	03-168/03:06:07	1T
2665	168 15:16:27	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		37782:10:735F	03-168/03:06:08	1ECd
2666	168 15:16:27	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:4 TIC:3241	DTR		37782:10:735F	03-168/03:06:08	1ESd

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2667	168 15:16:31	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	37782:11:001F	03-168/03:06:11	1ESf
2668	168 15:16:31	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		37782:11:002F	03-168/03:06:11	1ECs
2669	168 15:16:32	31				B- DRCRUS			37782:11:018F	03-168/03:06:12	1TB
2670	168 15:16:32	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		37782:11:026F	03-168/03:06:13	1ECf
2671	168 15:17:19	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	37782:12:001F	03-168/03:06:59	1ESf
2672	168 15:17:19	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		37782:12:002F	03-168/03:06:59	1ECs
2673	168 15:17:19	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		37782:12:002F	03-168/03:07:00	1ECd
2674	168 15:17:19	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:2949	DTR		37782:12:002F	03-168/03:07:00	1ESd
2675	168 15:18:07	31				B- MISCMD			37782:13:001F	03-168/03:07:47	1TB
2676	168 15:18:07	31				MISCMD - DC RETURN MEAS			37782:13:001F	03-168/03:07:47	1T
2677	168 15:18:07	31			SC32AJ	(13) PLS CONFIG CMD	FDS		37782:13:009F	03-168/03:07:48	1ECf

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2678	168 15:18:08	31				END PWSREC.31			37782:13:018F	03-168/03:07:48	1T
2679	168 17:40:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9442 (D/L ONLY)					1DP
2680	168 17:40:00	31				CFG CODES					1DP
2681	168 17:40:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9442 (D/L ONLY)					1DP
2682	168 17:40:00	31				CFG CODES					1DP
2683	168 17:46:51	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2684	168 17:54:01	31	40 SET			10.2 DEGREE SET DSC-40					1V
2685	169 00:00:00	31				VGR-31 OWLT IS 12H 10M 22S					1L
2686	169 01:19:44	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2687	169 01:40:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9443 (D/L ONLY)					1DP
2688	169 01:40:00	31				CFG CODES					1DP
2689	169 01:40:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9443 (D/L ONLY)					1DP
2690	169 01:40:00	31				CFG CODES					1DP
2691	169 01:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9442					1DP
2692	169 01:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9442					1DP
2693	169 04:54:22	31	60 SET			15.6 DEGREE SET DSC-60					1V
2694	169 06:55:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9443					1DP
2695	169 06:55:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9443					1DP
2696	169 08:11:00	31				B- UVSLEW			37803:19:001F	03-168/20:00:35	1TB
2697	169 08:11:00	31				SLEW TO HELIO-9A			37803:19:001F	03-168/20:00:35	1T
2698	169 08:11:00	31				B- PLATPOB			37803:19:001F	03-168/20:00:35	1TB

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2699	169 08:11:00	31			AC7SPK	(1 12 2 079 159) EL SLEW R=LOW	AACS		37803:19:003F	03-168/20:00:36	1ECa
2700	169 08:11:00	31			AC7SPL	(2 12 1 255 044) AZ SLEW R=LOW	AACS		37803:19:005F	03-168/20:00:36	1ECa
2701	169 08:13:39	31				B- SLEND			37803:22:251F	03-168/20:03:14	1TB
2702	169 08:13:39	31			SLEWEND	AZ=299.956 EL=160.336 CO=163.403			37803:22:251F	03-168/20:03:14	1T
2703	169 08:49:15	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2704	169 12:00:00	31				VGR-31 OWLT IS 12H 10M 25S					1L
2705	169 12:48:36	31	10 SET			10.2 DEGREE SET DSC-10					1V
2706	169 17:35:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9443 (D/L ONLY)					1DP
2707	169 17:35:00	31				CFG CODES					1DP
2708	169 17:35:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9443 (D/L ONLY)					1DP
2709	169 17:35:00	31				CFG CODES					1DP
2710	169 17:42:53	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2711	169 17:50:03	31	40 SET			10.2 DEGREE SET DSC-40					1V
2712	169 22:50:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9443					1DP
2713	169 22:50:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9443					1DP
2714	170 00:00:00	31				VGR-31 OWLT IS 12H 10M 28S					1L
2715	170 01:15:45	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2716	170 04:50:23	31	60 SET			15.6 DEGREE SET DSC-60					1V
2717	170 06:00:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9444 (U/L PASS)					1DP
2718	170 06:00:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9444 (U/L PASS)					1DP
2719	170 08:11:07	31				B- UVSLEW			37833:19:001F	03-169/20:00:35	1TB
2720	170 08:11:07	31				SLEW TO HELIO-8A			37833:19:001F	03-169/20:00:35	1T

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2721	170 08:11:07	31				B- PLATPOA			37833:19:001F	03-169/20:00:35	1TB
2722	170 08:11:07	31			AC7SPK	(1 12 1 086 126) EL SLEW R=LOW	AACS		37833:19:003F	03-169/20:00:36	1ECa
2723	170 08:13:18	31				B- SLEND			37833:21:584F	03-169/20:02:46	1TB
2724	170 08:13:18	31			SLEWEND	AZ=299.956 EL=150.031 CO=153.514			37833:21:584F	03-169/20:02:46	1T
2725	170 08:45:16	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2726	170 12:00:00	31				VGR-31 OWLT IS 12H 10M 32S					1L
2727	170 12:44:38	31	10 SET			10.2 DEGREE SET DSC-10					1V
2728	170 12:55:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9444					1DP
2729	170 12:55:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9444					1DP
2730	170 17:30:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9444 (D/L ONLY)					1DP
2731	170 17:30:00	31				CFG CODES					1DP
2732	170 17:30:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9444 (D/L ONLY)					1DP
2733	170 17:30:00	31				CFG CODES					1DP
2734	170 17:38:55	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2735	170 17:46:04	31	40 SET			10.2 DEGREE SET DSC-40					1V
2736	170 22:10:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9444					1DP
2737	170 22:10:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9444					1DP
2738	171 00:00:00	31				VGR-31 OWLT IS 12H 10M 35S					1L
2739	171 01:11:47	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2740	171 03:45:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9445 (D/L ONLY)					1DP
2741	171 03:45:00	31				CFG CODES					1DP
2742	171 03:45:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9445 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2743	171 03:45:00	31				CFG CODES					1DP
2744	171 04:46:24	31	60	SET		15.6 DEGREE SET DSC-60					1V
2745	171 08:11:13	31				B- UVSLEW			37863:19:001F	03-170/20:00:35	1TB
2746	171 08:11:13	31				SLEW TO HELIO-7A			37863:19:001F	03-170/20:00:35	1T
2747	171 08:11:13	31				B- PLATPOA			37863:19:001F	03-170/20:00:35	1TB
2748	171 08:11:13	31			AC7SPK	(1 12 2 094 117) EL SLEW R=LOW	AACS		37863:19:003F	03-170/20:00:36	1ECa
2749	171 08:13:34	31				B- SLEND			37863:21:734F	03-170/20:02:55	1TB
2750	171 08:13:34	31			SLEWEND	AZ=299.956 EL=139.025 CO=142.712			37863:21:734F	03-170/20:02:55	1T
2751	171 08:41:18	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
2752	171 11:55:00	31	25	LOS	OPCH ACE	LOS DSS-25 PASS-9445					1DP
2753	171 11:55:00	31	25	LOS	OPCH ACE	LOS DSS-25 PASS-9445					1DP
2754	171 12:00:00	31				VGR-31 OWLT IS 12H 10M 39S					1L
2755	171 12:40:40	31	10	SET		10.2 DEGREE SET DSC-10					1V
2756	171 17:34:56	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
2757	171 17:42:06	31	40	SET		10.2 DEGREE SET DSC-40					1V
2758	171 18:14:28	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		37875:53:002F	03-171/06:03:48	1ECd
2759	171 18:14:28	31					DTR		37875:53:002F	03-171/06:03:48	1ESd
						DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:2942					
2760	171 18:28:44	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		37876:10:675F	03-171/06:18:04	1ECd
2761	171 18:28:44	31					DTR		37876:10:675F	03-171/06:18:04	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3251					



FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2762	171 18:50:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9445 (D/L ONLY)					1DP
2763	171 18:50:00	31				CFG CODES					1DP
2764	171 18:50:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9445 (D/L ONLY)					1DP
2765	171 18:50:00	31				CFG CODES					1DP
2766	171 21:11:53	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2767	171 21:11:53	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
2768	171 21:12:41	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2769	171 21:12:41	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
2770	171 21:14:29	31			CC16C	(7028) DTR STATE SELECT: READY	DTR		37879:38:002F	03-171/09:03:48	1ECd
2771	171 21:14:29	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:3251	DTR		37879:38:002F	03-171/09:03:48	1ESd
2772	171 21:15:17	31				AHEL11 PWSREC 22			37879:39:001F	03-171/09:04:35	1T
2773	171 21:15:17	31				B- PWSREC.31			37879:39:001F	03-171/09:04:35	1TB
2774	171 21:15:17	31				BEGIN PWSREC.31			37879:39:001F	03-171/09:04:35	1T
2775	171 21:15:17	31			SC32AJ	(10) PLS CONFIG CMD	FDS		37879:39:009F	03-171/09:04:36	1ECf
2776	171 21:16:05	31				B- DRGS4B			37879:40:001F	03-171/09:05:23	1TB

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2777	171 21:16:05	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		37879:40:009F	03-171/09:05:24	1ECf
2778	171 21:16:49	31				BEGIN RECORDING PWS DATA			37879:40:734F	03-171/09:06:07	1T
2779	171 21:16:49	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		37879:40:735F	03-171/09:06:08	1ECd
2780	171 21:16:49	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:3251	DTR		37879:40:735F	03-171/09:06:08	1ESd
2781	171 21:16:53	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	37879:41:001F	03-171/09:06:11	1ESf
2782	171 21:16:53	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		37879:41:002F	03-171/09:06:11	1ECs
2783	171 21:16:54	31				B- DRCRUS			37879:41:018F	03-171/09:06:12	1TB
2784	171 21:16:54	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		37879:41:026F	03-171/09:06:13	1ECf
2785	171 21:17:41	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	37879:42:001F	03-171/09:06:59	1ESf

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2786	171 21:17:41	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		37879:42:002F	03-171/09:06:59	1ECs
2787	171 21:17:41	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		37879:42:002F	03-171/09:07:00	1ECd
2788	171 21:17:41	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:2958	DTR		37879:42:002F	03-171/09:07:00	1ESd
2789	171 21:18:29	31				B- MISCMD			37879:43:001F	03-171/09:07:47	1TB
2790	171 21:18:29	31				MISCMD - DC RETURN MEAS			37879:43:001F	03-171/09:07:47	1T
2791	171 21:18:29	31			SC32AJ	(13) PLS CONFIG CMD	FDS		37879:43:009F	03-171/09:07:48	1ECF
2792	171 21:18:30	31				END PWSREC.31			37879:43:018F	03-171/09:07:48	1T
2793	171 21:45:00	31	54 AOS	OPCH ACE		AOS DSS-54 PASS-9445 (D/L ONLY)					1DP
2794	171 21:45:00	31				CFG CODES					1DP
2795	171 21:45:00	31	54 AOS	OPCH ACE		AOS DSS-54 PASS-9445 (D/L ONLY)					1DP
2796	171 21:45:00	31				CFG CODES					1DP
2797	171 22:05:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9445					1DP
2798	171 22:05:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9445					1DP
2799	171 23:24:06	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		37882:20:002F	03-171/11:13:24	1ECd
2800	171 23:24:06	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2952	DTR		37882:20:002F	03-171/11:13:24	1ESd
2801	171 23:24:31	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		37882:20:421F	03-171/11:13:49	1ECd

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2802	171 23:24:31	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2942	DTR		37882:20:421F	03-171/11:13:49	1ESd
2803	172 00:00:00	31				VGR-31 OWLT IS 12H 10M 42S					1L
2804	172 00:15:00	31	54 LOS	OPCH ACE		LOS DSS-54 PASS-9445					1DP
2805	172 00:15:00	31	54 LOS	OPCH ACE		LOS DSS-54 PASS-9445					1DP
2806	172 01:07:49	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2807	172 02:24:07	31			CC16C	(7024) DTR STATE SELECT: READY	DTR		37886:05:002F	03-171/14:13:24	1ECd
2808	172 02:24:07	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:2942	DTR		37886:05:002F	03-171/14:13:24	1ESd
2809	172 03:10:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9446 (D/L ONLY)					1DP
2810	172 03:10:00	31				CFG CODES					1DP
2811	172 03:40:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9446 (D/L ONLY)					1DP
2812	172 03:40:00	31				CFG CODES					1DP
2813	172 04:42:27	31	60 SET			15.6 DEGREE SET DSC-60					1V
2814	172 07:10:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9446					1DP
2815	172 08:11:20	31				B- UVSLEW			37893:19:001F	03-171/20:00:35	1TB
2816	172 08:11:20	31				SLEW TO HELIO-6A			37893:19:001F	03-171/20:00:35	1T
2817	172 08:11:20	31				B- PLATPOA			37893:19:001F	03-171/20:00:35	1TB
2818	172 08:11:20	31			AC7SPK	(1 12 2 100 170) EL SLEW R=LOW	AACS		37893:19:003F	03-171/20:00:36	1ECa
2819	172 08:13:15	31				B- SLEND			37893:21:318F	03-171/20:02:30	1TB

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2820	172 08:13:15	31			SLEWEND	AZ=299.956 EL=130.027 CO=133.807			37893:21:318F	03-171/20:02:30	1T
2821	172 08:17:44	31			AC7SSB	(3 +001) SS BIAS CONTROL - PITCH	AACS		37893:27:003F	03-171/20:07:00	1Ea
2822	172 08:37:19	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2823	172 11:45:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9446					1DP
2824	172 12:00:00	31				VGR-31 OWLT IS 12H 10M 45S					1L
2825	172 12:36:41	31	10 SET			10.2 DEGREE SET DSC-10					1V
2826	172 13:28:10	31			AC7SSB	(4 +142) SS BIAS CONTROL --- YAW	AACS		37899:55:003F	03-172/01:17:24	1Ea
2827	172 17:30:58	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2828	172 17:38:08	31	40 SET			10.2 DEGREE SET DSC-40					1V
2829	172 18:55:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9446 (D/L ONLY)					1DP
2830	172 18:55:00	31				CFG CODES					1DP
2831	172 18:55:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9446 (D/L ONLY)					1DP
2832	172 18:55:00	31				CFG CODES					1DP
2833	172 22:40:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9446					1DP
2834	172 22:40:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9446					1DP
2835	172 22:45:00	31	54 AOS	OPCH ACE		AOS DSS-54 PASS-9446 (D/L ONLY)					1DP
2836	172 22:45:00	31				CFG CODES					1DP
2837	172 22:45:00	31	54 AOS	OPCH ACE		AOS DSS-54 PASS-9446 (D/L ONLY)					1DP
2838	172 22:45:00	31				CFG CODES					1DP
2839	173 00:00:00	31				VGR-31 OWLT IS 12H 10M 49S					1L
2840	173 01:03:51	31	10RISE			10.2 DEGREE RISE DSC-10					1V

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2841	173 03:00:00	31	54 LOS	OPCH ACE		LOS DSS-54 PASS-9446					1DP
2842	173 03:00:00	31	54 LOS	OPCH ACE		LOS DSS-54 PASS-9446					1DP
2843	173 03:15:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9447 (D/L ONLY)					1DP
2844	173 03:15:00	31				CFG CODES					1DP
2845	173 03:15:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9447 (D/L ONLY)					1DP
2846	173 03:15:00	31				CFG CODES					1DP
2847	173 04:38:28	31	60 SET			15.6 DEGREE SET DSC-60					1V
2848	173 08:11:27	31				B- UVSLEW			37923:19:001F	03-172/20:00:35	1TB
2849	173 08:11:27	31				SLEW TO HELIO-5A			37923:19:001F	03-172/20:00:35	1T
2850	173 08:11:27	31				B- PLATPOA			37923:19:001F	03-172/20:00:35	1TB
2851	173 08:11:27	31			AC7SPK	(1 12 2 105 171) EL SLEW R=LOW	AACS		37923:19:003F	03-172/20:00:36	1ECa
2852	173 08:13:04	31				B- SLEND			37923:21:018F	03-172/20:02:12	1TB
2853	173 08:13:04	31			SLEWEND	AZ=299.956 EL=122.529 CO=126.374			37923:21:018F	03-172/20:02:12	1T
2854	173 08:33:21	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2855	173 11:45:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9447					1DP
2856	173 11:45:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9447					1DP
2857	173 12:00:00	31				VGR-31 OWLT IS 12H 10M 52S					1L
2858	173 12:32:43	31	10 SET			10.2 DEGREE SET DSC-10					1V
2859	173 17:20:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9447 (D/L ONLY)					1DP
2860	173 17:20:00	31				CFG CODES					1DP
2861	173 17:20:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9447 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2862	173 17:20:00	31				CFG CODES					1DP
2863	173 17:27:00	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2864	173 17:34:10	31	40 SET			10.2 DEGREE SET DSC-40					1V
2865	173 23:10:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9447					1DP
2866	173 23:10:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9447					1DP
2867	174 00:00:00	31				VGR-31 OWLT IS 12H 10M 56S					1L
2868	174 00:59:52	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2869	174 01:50:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9448 (D/L ONLY)					1DP
2870	174 01:50:00	31				CFG CODES					1DP
2871	174 01:50:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9448 (D/L ONLY)					1DP
2872	174 01:50:00	31				CFG CODES					1DP
2873	174 04:34:32	31	60 SET			15.6 DEGREE SET DSC-60					1V
2874	174 08:11:34	31				B- UVSLEW			37953:19:001F	03-173/20:00:35	1TB
2875	174 08:11:34	31				SLEW TO HELIO-4A			37953:19:001F	03-173/20:00:35	1T
2876	174 08:11:34	31				B- PLATPOA			37953:19:001F	03-173/20:00:35	1TB
2877	174 08:11:34	31			AC7SPK	(1 12 2 114 083) EL SLEW R=LOW	AACS		37953:19:003F	03-173/20:00:36	1ECa
2878	174 08:14:12	31				B- SLEND			37953:22:218F	03-173/20:03:12	1TB
2879	174 08:14:12	31			SLEWEND	AZ=299.956 EL=110.062 CO=113.971			37953:22:218F	03-173/20:03:12	1T
2880	174 08:29:23	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2881	174 09:00:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9448					1DP
2882	174 09:00:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9448					1DP
2883	174 12:00:00	31				VGR-31 OWLT IS 12H 11M 00S					1L

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2884	174 12:28:44	31	10 SET			10.2 DEGREE SET DSC-10					1V
2885	174 17:23:02	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2886	174 17:30:12	31	40 SET			10.2 DEGREE SET DSC-40					1V
2887	174 18:00:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9448 (D/L ONLY)					1DP
2888	174 18:00:00	31				CFG CODES					1DP
2889	174 18:00:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9448 (D/L ONLY)					1DP
2890	174 18:00:00	31				CFG CODES					1DP
2891	175 00:00:00	31				VGR-31 OWLT IS 12H 11M 03S					1L
2892	175 00:55:54	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2893	175 04:20:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9448					1DP
2894	175 04:20:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9448					1DP
2895	175 04:30:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9449 (D/L ONLY)					1DP
2896	175 04:30:00	31				CFG CODES					1DP
2897	175 04:30:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9449 (D/L ONLY)					1DP
2898	175 04:30:00	31				CFG CODES					1DP
2899	175 04:30:33	31	60 SET			15.6 DEGREE SET DSC-60					1V
2900	175 08:11:42	31				B- UVSLEW			37983:19:001F	03-174/20:00:35	1TB
2901	175 08:11:42	31				SLEW TO HELIO-3A			37983:19:001F	03-174/20:00:35	1T
2902	175 08:11:42	31				B- PLATPOA			37983:19:001F	03-174/20:00:35	1TB
2903	175 08:11:42	31			AC7SPK	(1 12 2 120 137) EL SLEW R=LOW	AACS		37983:19:003F	03-174/20:00:36	1ECa
2904	175 08:13:38	31				B- SLEND			37983:21:334F	03-174/20:02:31	1TB



FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2905	175 08:13:38	31			SLEWEND	AZ=299.956 EL=101.042 CO=104.996			37983:21:334F	03-174/20:02:31	1T
2906	175 08:25:24	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2907	175 11:40:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9449					1DP
2908	175 11:40:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9449					1DP
2909	175 12:00:00	31				VGR-31 OWLT IS 12H 11M 07S					1L
2910	175 12:24:46	31	10 SET			10.2 DEGREE SET DSC-10					1V
2911	175 14:48:20	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2912	175 14:48:20	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2913	175 14:49:08	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2914	175 14:49:08	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2915	175 14:51:44	31				BEGIN PWSREC.31			37991:39:001F	03-175/02:40:35	1T
2916	175 14:51:44	31			SC32AJ	(10) PLS CONFIG CMD	FDS		37991:39:010F	03-175/02:40:36	1ECf
2917	175 14:52:32	31				B- DRGS4B			37991:40:001F	03-175/02:41:23	1TB
2918	175 14:52:32	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		37991:40:009F	03-175/02:41:24	1ECf
2919	175 14:53:16	31				BEGIN RECORDING PWS DATA			37991:40:734F	03-175/02:42:07	1T
2920	175 14:53:16	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		37991:40:735F	03-175/02:42:08	1ECd

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2921	175 14:53:16	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:4 TIC:2942	DTR		37991:40:735F	03-175/02:42:08	1ESd
2922	175 14:53:20	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	37991:41:001F	03-175/02:42:11	1ESf
2923	175 14:53:20	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		37991:41:002F	03-175/02:42:11	1ECs
2924	175 14:53:21	31				B- DRCRUS			37991:41:018F	03-175/02:42:12	1TB
2925	175 14:53:21	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		37991:41:026F	03-175/02:42:13	1ECf
2926	175 14:54:08	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	37991:42:001F	03-175/02:42:59	1ESf
2927	175 14:54:08	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		37991:42:002F	03-175/02:42:59	1ECs
2928	175 14:54:08	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		37991:42:002F	03-175/02:43:00	1ECd
2929	175 14:54:08	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:2650	DTR		37991:42:002F	03-175/02:43:00	1ESd

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2930	175 14:54:56	31				B- MISCMD			37991:43:001F	03-175/02:43:47	1TB
2931	175 14:54:56	31				MISCMD - DC RETURN MEAS			37991:43:001F	03-175/02:43:47	1T
2932	175 14:54:56	31			SC32AJ	(13) PLS CONFIG CMD	FDS		37991:43:009F	03-175/02:43:48	1ECf
2933	175 14:54:57	31				END PWSREC.31			37991:43:018F	03-175/02:43:48	1T
2934	175 17:19:04	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2935	175 17:26:14	31	40 SET			10.2 DEGREE SET DSC-40					1V
2936	175 19:10:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9449 (U/L PASS)					1DP
2937	175 19:10:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9449 (U/L PASS)					1DP
2938	175 22:45:00	31	54 AOS	OPCH ACE		AOS DSS-54 PASS-9449 (D/L ONLY)					1DP
2939	175 22:45:00	31				CFG CODES					1DP
2940	175 22:45:00	31	54 AOS	OPCH ACE		AOS DSS-54 PASS-9449 (D/L ONLY)					1DP
2941	175 22:45:00	31				CFG CODES					1DP
2942	175 23:00:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9449					1DP
2943	176 00:00:00	31				VGR-31 OWLT IS 12H 11M 11S					1L
2944	176 00:10:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9449					1DP
2945	176 00:51:56	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2946	176 04:10:00	31	54 LOS	OPCH ACE		LOS DSS-54 PASS-9449					1DP
2947	176 04:10:00	31	54 LOS	OPCH ACE		LOS DSS-54 PASS-9449					1DP
2948	176 04:26:36	31	60 SET			15.6 DEGREE SET DSC-60					1V
2949	176 06:30:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9450 (D/L ONLY)					1DP
2950	176 06:30:00	31				CFG CODES					1DP
2951	176 06:30:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9450 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2952	176 06:30:00	31				CFG CODES					1DP
2953	176 06:56:25	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
2954	176 06:56:25	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2955	176 06:56:37	31				BEGIN PMPCALLR			38011:45:001F	03-175/18:45:23	1T
2956	176 07:00:37	31				B- DRCR5T			38011:50:001F	03-175/18:49:23	1TB
2957	176 07:00:37	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		38011:50:009F	03-175/18:49:24	1ECF
2958	176 07:01:25	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	38011:51:001F	03-175/18:50:11	1ESF
2959	176 07:01:25	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		38011:51:001F	03-175/18:50:11	1ECs
2960	176 07:07:49	31			SC06BY	(7) FDS PLS/MAG/PESCAL FLAG PLSCAL ENABLED MAGCAL ENABLED PESCAL ENABLED	FDS		38011:59:009F	03-175/18:56:36	1ECf
2961	176 07:08:37	31				BEGIN PLS/MAG/PESCAL			38012:00:001F	03-175/18:57:23	1T
2962	176 08:11:49	31				B- UVSLEW			38013:19:001F	03-175/20:00:35	1TB
2963	176 08:11:49	31				SLEW TO HELIO-2A			38013:19:001F	03-175/20:00:35	1T
2964	176 08:11:49	31				B- PLATPOA			38013:19:001F	03-175/20:00:35	1TB
2965	176 08:11:49	31			AC7SPK	(1 12 1 128 128) EL SLEW R=LOW	AACS		38013:19:003F	03-175/20:00:36	1ECa

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2966	176 08:14:09	31				B- SLEND			38013:21:734F	03-175/20:02:55	1TB
2967	176 08:14:09	31			SLEWEND	AZ=299.956 EL=90.056 CO=94.068			38013:21:734F	03-175/20:02:55	1T
2968	176 08:21:26	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2969	176 08:51:01	31				END PLSCAL			38014:08:001F	03-175/20:39:47	1T
2970	176 10:11:02	31				END MAGCAL			38015:48:001F	03-175/21:59:47	1T
2971	176 10:24:26	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2972	176 10:24:26	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2973	176 10:28:38	31				END PESCAL			38016:10:001F	03-175/22:17:23	1T
2974	176 10:28:38	31				B- DRCRUS			38016:10:001F	03-175/22:17:23	1TB
2975	176 10:28:38	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		38016:10:010F	03-175/22:17:24	1ECf
2976	176 10:29:26	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	38016:11:001F	03-175/22:18:11	1ESf
2977	176 10:29:26	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		38016:11:002F	03-175/22:18:11	1ECs
2978	176 10:29:27	31				END PMPCALLR			38016:11:018F	03-175/22:18:12	1T
2979	176 10:45:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9450					1DP
2980	176 10:45:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9450					1DP
2981	176 12:00:00	31				VGR-31 OWLT IS 12H 11M 14S					1L

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2982	176 12:20:47	31	10 SET			10.2 DEGREE SET DSC-10					1V
2983	176 17:10:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9450 (D/L ONLY)					1DP
2984	176 17:10:00	31				CFG CODES					1DP
2985	176 17:10:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9450 (D/L ONLY)					1DP
2986	176 17:10:00	31				CFG CODES					1DP
2987	176 17:15:06	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2988	176 17:22:15	31	40 SET			10.2 DEGREE SET DSC-40					1V
2989	176 22:02:17	31			AC7SSB	(3 +002) SS BIAS CONTROL - PITCH	AACS		38030:37:003F	03-176/09:51:00	1ECa
2990	176 23:00:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9450					1DP
2991	176 23:00:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9450					1DP
2992	177 00:00:00	31				VGR-31 OWLT IS 12H 11M 18S					1L
2993	177 00:47:58	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2994	177 03:20:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9451 (D/L ONLY)					1DP
2995	177 03:20:00	31				CFG CODES					1DP
2996	177 03:20:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9451 (D/L ONLY)					1DP
2997	177 03:20:00	31				CFG CODES					1DP
2998	177 04:22:37	31	60 SET			15.6 DEGREE SET DSC-60					1V
2999	177 08:11:57	31				B- UVSLEW			38043:19:001F	03-176/20:00:35	1TB
3000	177 08:11:57	31				SLEW TO HELIO-1A			38043:19:001F	03-176/20:00:35	1T
3001	177 08:11:57	31				B- PLATPOA			38043:19:001F	03-176/20:00:35	1TB
3002	177 08:11:57	31			AC7SPK	(1 12 1 135 217) EL SLEW R=LOW	AACS		38043:19:003F	03-176/20:00:36	1ECa

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3003	177 08:14:05	31				B- SLEND			38043:21:534F	03-176/20:02:43	1TB
3004	177 08:14:05	31			SLEWEND	AZ=299.956 EL=80.031 CO=84.082			38043:21:534F	03-176/20:02:43	1T
3005	177 08:17:27	31	40RISE			10.2 DEGREE RISE DSC-40					1V
3006	177 12:00:00	31				VGR-31 OWLT IS 12H 11M 22S					1L
3007	177 12:10:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9451					1DP
3008	177 12:10:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9451					1DP
3009	177 12:16:49	31	10 SET			10.2 DEGREE SET DSC-10					1V
3010	177 17:05:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9451 (D/L ONLY)					1DP
3011	177 17:05:00	31				CFG CODES					1DP
3012	177 17:05:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9451 (D/L ONLY)					1DP
3013	177 17:05:00	31				CFG CODES					1DP
3014	177 17:11:08	31	60RISE			10.2 DEGREE RISE DSC-60					1V
3015	177 17:18:17	31	40 SET			10.2 DEGREE SET DSC-40					1V
3016	177 19:44:48	31				B- MISCMD			38057:45:001F	03-177/07:33:23	1TB
3017	177 19:44:48	31				MISCMD - PLS OFF			38057:45:001F	03-177/07:33:23	1T
3018	177 19:44:48	31			CC32AR	PLS OFF	PWR		38057:45:002F	03-177/07:33:23	1ECp
3019	177 20:03:12	31				B- GYONBC.31			38058:08:001F	03-177/07:51:47	1TB
3020	177 20:03:12	31				BEGIN GYONBC31			38058:08:001F	03-177/07:51:47	1T
3021	177 20:03:12	31			AC7GYP	(111) DRIRU PATTERN CONTROL GYRO/AXIS=B/PITCH C/YAW & ROLL	AACS		38058:08:003F	03-177/07:51:48	1ECa
3022	177 20:03:12	31			CC7GARP	GYRO A OFF	PWR		38058:08:004F	03-177/07:51:48	1ECp

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3023	177 20:03:12	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS		38058:08:004F	03-177/07:51:48	1ESa
3024	177 20:03:12	31			CC7GARP	GYRO A OFF	PWR		38058:08:006F	03-177/07:51:48	1ECp
3025	177 20:03:12	31			CC7PC	(352) GYRO A OFF	AACS		38058:08:008F	03-177/07:51:48	1ECa
3026	177 20:03:12	31			CC7GCP	GYRO C ON	PWR		38058:08:009F	03-177/07:51:48	1ECp
3027	177 20:03:12	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: ON	AACS		38058:08:009F	03-177/07:51:48	1ESa
3028	177 20:03:13	31			CC7GCP	GYRO C ON	PWR		38058:08:011F	03-177/07:51:48	1ECp
3029	177 20:03:13	31			CC7PC	(373) GYRO C ON	AACS		38058:08:013F	03-177/07:51:48	1ECa
3030	177 20:03:13	31			CC7GBP	GYRO B ON	PWR		38058:08:013F	03-177/07:51:48	1ECp
3031	177 20:03:13	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		38058:08:013F	03-177/07:51:48	1ESa
3032	177 20:03:13	31			CC7GBP	GYRO B ON	PWR		38058:08:015F	03-177/07:51:48	1ECp
3033	177 20:03:13	31			CC7PC	(363) GYRO B ON	AACS		38058:08:018F	03-177/07:51:48	1ECa
3034	177 20:03:41	31				DRIRU INITIALIZATION			38058:08:484F	03-177/07:52:16	1T
3035	177 20:03:42	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		38058:08:502F	03-177/07:52:18	1ECa
3036	177 20:04:11	31				SET CALIB			38058:09:184F	03-177/07:52:46	1T
3037	177 20:04:12	31			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		38058:09:204F	03-177/07:52:48	1ECa
3038	177 20:13:11	31				START GYRO FAULT TEST			38058:20:384F	03-177/08:01:46	1T



FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3039	177 20:13:12	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		38058:20:402F	03-177/08:01:48	1ECa
3040	177 20:13:13	31				END GYONBC31			38058:20:418F	03-177/08:01:48	1T
3041	177 22:55:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9451					1DP
3042	177 22:55:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9451					1DP
3043	178 00:00:00	31				VGR-31 OWLT IS 12H 11M 25S					1L
3044	178 00:44:00	31	10RISE			10.2 DEGREE RISE DSC-10					1V
3045	178 01:05:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9452 (D/L ONLY)					1DP
3046	178 01:05:00	31				CFG CODES					1DP
3047	178 01:05:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9452 (D/L ONLY)					1DP
3048	178 01:05:00	31				CFG CODES					1DP
3049	178 04:18:38	31	60 SET			15.6 DEGREE SET DSC-60					1V
3050	178 08:13:29	31	40RISE			10.2 DEGREE RISE DSC-40					1V
3051	178 09:15:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9452					1DP
3052	178 09:15:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9452					1DP
3053	178 12:00:00	31				VGR-31 OWLT IS 12H 11M 29S					1L
3054	178 12:12:51	31	10 SET			10.2 DEGREE SET DSC-10					1V
3055	178 17:07:10	31	60RISE			10.2 DEGREE RISE DSC-60					1V
3056	178 17:14:19	31	40 SET			10.2 DEGREE SET DSC-40					1V
3057	178 17:51:19	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		38085:23:002F	03-178/05:39:48	1ECd
3058	178 17:51:19	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:2643	DTR		38085:23:002F	03-178/05:39:48	1ESd

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3059	178 18:05:35	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		38085:40:675F	03-178/05:54:04	1ECd
3060	178 18:05:35	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2952	DTR		38085:40:675F	03-178/05:54:04	1ESd
3061	178 18:50:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9452 (D/L ONLY)					1DP
3062	178 18:50:00	31				CFG CODES					1DP
3063	178 18:50:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9452 (D/L ONLY)					1DP
3064	178 18:50:00	31				CFG CODES					1DP
3065	178 20:48:44	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
3066	178 20:48:44	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
3067	178 20:49:32	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
3068	178 20:49:32	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
3069	178 20:51:20	31			CC16C	(7028) DTR STATE SELECT: READY	DTR		38089:08:002F	03-178/08:39:48	1ECd
3070	178 20:51:20	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:2952	DTR		38089:08:002F	03-178/08:39:48	1ESd
3071	178 20:52:08	31				AHEL11 PWSREC 23			38089:09:001F	03-178/08:40:35	1T
3072	178 20:52:08	31				B- PWSREC.31			38089:09:001F	03-178/08:40:35	1TB

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3073	178 20:52:08	31				BEGIN PWSREC.31			38089:09:001F	03-178/08:40:35	1T
3074	178 20:52:08	31			SC32AJ	(10) PLS CONFIG CMD	FDS		38089:09:009F	03-178/08:40:36	1ECf
3075	178 20:52:56	31				B- DRGS4B			38089:10:001F	03-178/08:41:23	1TB
3076	178 20:52:56	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		38089:10:009F	03-178/08:41:24	1ECf
3077	178 20:53:40	31				BEGIN RECORDING PWS DATA			38089:10:734F	03-178/08:42:07	1T
3078	178 20:53:40	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		38089:10:735F	03-178/08:42:08	1ECd
3079	178 20:53:40	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:2952	DTR		38089:10:735F	03-178/08:42:08	1ESd
3080	178 20:53:44	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	38089:11:001F	03-178/08:42:11	1ESf
3081	178 20:53:44	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		38089:11:002F	03-178/08:42:11	1ECs
3082	178 20:53:45	31				B- DRCRUS			38089:11:018F	03-178/08:42:12	1TB
3083	178 20:53:45	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		38089:11:026F	03-178/08:42:13	1ECf

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3084	178 20:54:32	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	38089:12:001F	03-178/08:42:59	1ESf
3085	178 20:54:32	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		38089:12:002F	03-178/08:42:59	1ECs
3086	178 20:54:32	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		38089:12:002F	03-178/08:43:00	1ECd
3087	178 20:54:32	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:2659	DTR		38089:12:002F	03-178/08:43:00	1ESd
3088	178 20:55:20	31				B- MISCMD			38089:13:001F	03-178/08:43:47	1TB
3089	178 20:55:20	31				MISCMD - DC RETURN MEAS			38089:13:001F	03-178/08:43:47	1T
3090	178 20:55:20	31			SC32AJ	(13) PLS CONFIG CMD	FDS		38089:13:009F	03-178/08:43:48	1ECf
3091	178 20:55:21	31				END PWSREC.31			38089:13:018F	03-178/08:43:48	1T
3092	178 22:50:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9452					1DP
3093	178 22:50:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9452					1DP
3094	178 23:00:57	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		38091:50:002F	03-178/10:49:24	1ECd
3095	178 23:00:57	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2653	DTR		38091:50:002F	03-178/10:49:24	1ESd
3096	178 23:01:22	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		38091:50:421F	03-178/10:49:49	1ECd
3097	178 23:01:22	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2643	DTR		38091:50:421F	03-178/10:49:49	1ESd

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3098	179 00:00:00	31				VGR-31 OWLT IS 12H 11M 33S					1L
3099	179 00:40:02	31	10RISE			10.2 DEGREE RISE DSC-10					1V
3100	179 02:00:58	31			CC16C	(7024) DTR STATE SELECT: READY	DTR		38095:35:002F	03-178/13:49:24	1ECd
3101	179 02:00:58	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:2643	DTR		38095:35:002F	03-178/13:49:24	1ESd
3102	179 04:14:41	31	60 SET			15.6 DEGREE SET DSC-60					1V
3103	179 04:20:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9453 (D/L ONLY)					1DP
3104	179 04:20:00	31				CFG CODES					1DP
3105	179 04:20:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9453 (D/L ONLY)					1DP
3106	179 04:20:00	31				CFG CODES					1DP
3107	179 08:09:30	31	40RISE			10.2 DEGREE RISE DSC-40					1V
3108	179 08:30:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9453					1DP
3109	179 08:30:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9453					1DP
3110	179 12:00:00	31				VGR-31 OWLT IS 12H 11M 37S					1L
3111	179 12:08:52	31	10 SET			10.2 DEGREE SET DSC-10					1V
3112	179 17:03:12	31	60RISE			10.2 DEGREE RISE DSC-60					1V
3113	179 17:10:21	31	40 SET			10.2 DEGREE SET DSC-40					1V
3114	179 18:45:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9453 (D/L ONLY)					1DP
3115	179 18:45:00	31				CFG CODES					1DP
3116	179 18:45:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9453 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3117	179 18:45:00	31				CFG CODES					1DP
3118	179 22:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9453					1DP
3119	179 22:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9453					1DP
3120	180 00:00:00	31				VGR-31 OWLT IS 12H 11M 41S					1L
3121	180 00:36:04	31	10RISE			10.2 DEGREE RISE DSC-10					1V
3122	180 02:30:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9454 (D/L ONLY)					1DP
3123	180 02:30:00	31				CFG CODES					1DP
3124	180 02:30:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9454 (D/L ONLY)					1DP
3125	180 02:30:00	31				CFG CODES					1DP
3126	180 04:10:44	31	60 SET			15.6 DEGREE SET DSC-60					1V
3127	180 06:55:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9454					1DP
3128	180 06:55:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9454					1DP
3129	180 08:05:32	31	40RISE			10.2 DEGREE RISE DSC-40					1V
3130	180 12:00:00	31				VGR-31 OWLT IS 12H 11M 45S					1L
3131	180 12:04:54	31	10 SET			10.2 DEGREE SET DSC-10					1V
3132	180 16:59:14	31	60RISE			10.2 DEGREE RISE DSC-60					1V
3133	180 17:06:24	31	40 SET			10.2 DEGREE SET DSC-40					1V
3134	181 00:00:00	31				VGR-31 OWLT IS 12H 11M 49S					1L
3135	181 00:32:06	31	10RISE			10.2 DEGREE RISE DSC-10					1V
3136	181 02:00:00	31	24 AOS	OPCH ACE		AOS DSS-24 PASS-9455 (D/L ONLY)					1DP
3137	181 02:00:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3138	181 04:06:45	31	60 SET			15.6 DEGREE SET DSC-60					1V
3139	181 04:25:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9455 (D/L ONLY)					1DP
3140	181 04:25:00	31				CFG CODES					1DP
3141	181 04:45:00	31	24 LOS	OPCH ACE		LOS DSS-24 PASS-9455					1DP
3142	181 06:44:27	31			AC7SSB	(4 +141) SS BIAS CONTROL --- YAW	AACS		38161:29:003F	03-180/18:32:36	1ECa
3143	181 08:01:33	31	40RISE			10.2 DEGREE RISE DSC-40					1V
3144	181 11:10:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9455					1DP
3145	181 11:46:53	31			AC7SSB	(3 +003) SS BIAS CONTROL - PITCH	AACS		38167:47:003F	03-180/23:35:00	1ECa
3146	181 12:00:00	31				VGR-31 OWLT IS 12H 11M 53S					1L
3147	181 12:00:55	31	10 SET			10.2 DEGREE SET DSC-10					1V
3148	181 16:45:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9455 (D/L ONLY)					1DP
3149	181 16:45:00	31				CFG CODES					1DP
3150	181 16:55:16	31	60RISE			10.2 DEGREE RISE DSC-60					1V
3151	181 17:02:26	31	40 SET			10.2 DEGREE SET DSC-40					1V
3152	181 21:03:44	31				B- MISCMD			38179:23:001F	03-181/08:51:47	1TB
3153	181 21:03:44	31				MISCMD - GYRO INIT			38179:23:001F	03-181/08:51:47	1T
3154	181 21:03:44	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		38179:23:002F	03-181/08:51:48	1ECa
3155	182 00:00:00	31				VGR-31 OWLT IS 12H 11M 57S					1L
3156	182 00:28:08	31	10RISE			10.2 DEGREE RISE DSC-10					1V
3157	182 04:02:49	31	60 SET			15.6 DEGREE SET DSC-60					1V
3158	182 04:10:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9456 (D/L ONLY)					1DP
3159	182 04:10:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3160	182 04:30:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9455					1DP
3161	182 07:57:35	31	40RISE			10.2 DEGREE RISE DSC-40					1V
3162	182 11:15:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9456					1DP
3163	182 11:56:57	31	10 SET			10.2 DEGREE SET DSC-10					1V
3164	182 12:00:00	31				VGR-31 OWLT IS 12H 12M 01S					1L
3165	182 14:25:13	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
3166	182 14:25:13	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
3167	182 14:26:01	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
3168	182 14:26:01	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
3169	182 14:28:37	31				BEGIN PWSREC.31			38201:09:001F	03-182/02:16:35	1T
3170	182 14:28:37	31			SC32AJ	(10) PLS CONFIG CMD	FDS		38201:09:009F	03-182/02:16:36	1ECf
3171	182 14:29:25	31				B- DRGS4B			38201:10:001F	03-182/02:17:23	1TB
3172	182 14:29:25	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		38201:10:009F	03-182/02:17:24	1ECf
3173	182 14:30:09	31				BEGIN RECORDING PWS DATA			38201:10:734F	03-182/02:18:07	1T
3174	182 14:30:09	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		38201:10:735F	03-182/02:18:08	1ECd



FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3175	182 14:30:09	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:4 TIC:2643	DTR		38201:10:735F	03-182/02:18:08	1ESd
3176	182 14:30:13	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	38201:11:001F	03-182/02:18:11	1ESf
3177	182 14:30:13	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		38201:11:002F	03-182/02:18:11	1ECs
3178	182 14:30:14	31				B- DRCRUS			38201:11:018F	03-182/02:18:12	1TB
3179	182 14:30:14	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		38201:11:026F	03-182/02:18:13	1ECf
3180	182 14:31:01	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	38201:12:001F	03-182/02:18:59	1ESf
3181	182 14:31:01	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		38201:12:002F	03-182/02:18:59	1ECs
3182	182 14:31:01	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		38201:12:002F	03-182/02:19:00	1ECd
3183	182 14:31:01	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:2351	DTR		38201:12:002F	03-182/02:19:00	1ESd

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3184	182 14:31:49	31				B- MISCMD			38201:13:001F	03-182/02:19:47	1TB
3185	182 14:31:49	31				MISCMD - DC RETURN MEAS			38201:13:001F	03-182/02:19:47	1T
3186	182 14:31:49	31			SC32AJ	(13) PLS CONFIG CMD	FDS		38201:13:009F	03-182/02:19:48	1ECf
3187	182 14:31:50	31				END PWSREC.31			38201:13:018F	03-182/02:19:48	1T
3188	182 16:51:18	31	60RISE			10.2 DEGREE RISE DSC-60					1V
3189	182 16:58:28	31	40 SET			10.2 DEGREE SET DSC-40					1V
3190	183 00:00:00	31				VGR-31 OWLT IS 12H 12M 05S					1L
3191	183 00:24:10	31	10RISE			10.2 DEGREE RISE DSC-10					1V
3192	183 03:00:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9457 (D/L ONLY)					1DP
3193	183 03:00:00	31				CFG CODES					1DP
3194	183 03:58:49	31	60 SET			15.6 DEGREE SET DSC-60					1V
3195	183 07:53:36	31	40RISE			10.2 DEGREE RISE DSC-40					1V
3196	183 11:05:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9457					1DP
3197	183 11:52:58	31	10 SET			10.2 DEGREE SET DSC-10					1V
3198	183 12:00:00	31				VGR-31 OWLT IS 12H 12M 09S					1L
3199	183 16:35:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9457 (D/L ONLY)					1DP
3200	183 16:35:00	31				CFG CODES					1DP
3201	183 16:47:20	31	60RISE			10.2 DEGREE RISE DSC-60					1V
3202	183 16:54:30	31	40 SET			10.2 DEGREE SET DSC-40					1V
3203	183 22:15:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9457					1DP
3204	183 23:20:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9457 (D/L ONLY)					1DP
3205	183 23:20:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3206	184 00:00:00	31				VGR-31 OWLT IS 12H 12M 13S					1L
3207	184 00:20:12	31	10RISE			10.2 DEGREE RISE DSC-10					1V
3208	184 01:15:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9458 (U/L PASS)					1DP
3209	184 02:20:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9457					1DP
3210	184 03:54:53	31	60 SET			15.6 DEGREE SET DSC-60					1V
3211	184 07:49:38	31	40RISE			10.2 DEGREE RISE DSC-40					1V
3212	184 09:15:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9458 (D/L ONLY)					1DP
3213	184 09:15:00	31				CFG CODES					1DP
3214	184 09:35:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9458					1DP
3215	184 11:00:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9458					1DP
3216	184 11:49:00	31	10 SET			10.2 DEGREE SET DSC-10					1V
3217	184 12:00:00	31				VGR-31 OWLT IS 12H 12M 17S					1L
3218	184 16:30:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9458 (D/L ONLY)					1DP
3219	184 16:30:00	31				CFG CODES					1DP
3220	184 16:43:22	31	60RISE			10.2 DEGREE RISE DSC-60					1V
3221	184 16:50:32	31	40 SET			10.2 DEGREE SET DSC-40					1V
3222	184 19:12:56	31				GYROS OFF			38267:04:018F	03-184/07:00:36	1T
3223	184 19:49:08	31	63	TRK DSS		ASCAL PREP ===== ANTENNA DRIVE TO PRECISION ONE (70 METER STATION ONLY) PRIME DATA SOURCE=X BAND AGC ===== TURN CONSCAN -----> OFF (IF ON)					1TD

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3224	184 19:59:56	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
3225	184 19:59:56	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
3226	184 20:04:08	31				B- ASCAL			38268:08:001F	03-184/07:51:47	1TB
3227	184 20:04:08	31				B- DREL40			38268:08:001F	03-184/07:51:47	1TB
3228	184 20:04:08	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		38268:08:009F	03-184/07:51:48	1ECf
3229	184 20:04:08	31	63	OPCH 63		START ASCAL =====					1TD
						DSS-63: MONITOR X-BD AGC VARIATIONS DURING ASCAL IF X-BD RCVR DROPS LOCK INITIATE AUTO ACQUIRE					
3230	184 20:04:56	31		ACE OPCH		FDS STATUS EL-40/X40/S40 MEM:PA/FDS11	FDS	CE-40	38268:09:001F	03-184/07:52:35	1ESf
3231	184 20:04:56	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		38268:09:002F	03-184/07:52:35	1ECs
3232	184 20:20:08	31				.05 ALL AXES DEADBAND			38268:28:001F	03-184/08:07:47	1T
3233	184 20:20:08	31			AC7DDB	(000480) CHG TO .05 DEG DEADBAND	AACS		38268:28:003F	03-184/08:07:48	1ECa
3234	184 20:36:08	31			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		38268:48:002F	03-184/08:23:48	1ECa

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3235	184 20:36:08	31				AACS STATUS MODE : AAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		38268:48:002F	03-184/08:23:48	1ESa
3236	184 20:36:08	31			CC7GARP	GYRO A OFF	PWR		38268:48:003F	03-184/08:23:48	1ECp
3237	184 20:36:08	31			CC7GARP	GYRO A OFF	PWR		38268:48:005F	03-184/08:23:48	1ECp
3238	184 20:36:08	31			CC7PC	(352) GYRO A OFF	AACS		38268:48:007F	03-184/08:23:48	1ECa
3239	184 20:36:08	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		38268:48:007F	03-184/08:23:48	1ECp
3240	184 20:36:08	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		38268:48:010F	03-184/08:23:48	1ECp
3241	184 20:36:09	31			CC7PC	(312) DUMMY PWR CMD	AACS		38268:48:012F	03-184/08:23:48	1ECa
3242	184 20:36:55	31	63	OPCH 63		ASCAL =====					1TD
3243	184 20:36:56	31				START FIRST YAW DRIFT TURN			38268:49:001F	03-184/08:24:35	1T
3244	184 20:36:56	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		38268:49:003F	03-184/08:24:36	1ECa
3245	184 20:40:56	31			AC7PAR	(7015 764220) PARAMETER LOAD	AACS		38268:54:003F	03-184/08:28:36	1ECa
3246	184 20:48:56	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		38269:04:003F	03-184/08:36:36	1ECa
3247	184 20:52:56	31			AC7PAR	(7015 000000) PARAMETER LOAD	AACS		38269:09:003F	03-184/08:40:36	1ECa
3248	184 20:52:56	31	63	OPCH 63		ASCAL =====					1TD
3249	184 20:52:57	31				END THIRD YAW DRIFT TURN			38269:09:018F	03-184/08:40:36	1T

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3250	184 20:53:43	31	63	OPCH 63		ASCAL =====					1TD
						START PITCH DRIFT TURNS					
3251	184 20:53:44	31				START FIRST PITCH DRIFT TURN			38269:10:001F	03-184/08:41:23	1T
3252	184 20:53:44	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		38269:10:003F	03-184/08:41:24	1ECa
3253	184 20:57:44	31			AC7PAR	(7014 764220) PARAMETER LOAD	AACS		38269:15:003F	03-184/08:45:24	1ECa
3254	184 21:05:44	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		38269:25:003F	03-184/08:53:24	1ECa
3255	184 21:09:44	31			AC7PAR	(7014 000000) PARAMETER LOAD	AACS		38269:30:003F	03-184/08:57:24	1ECa
3256	184 21:09:44	31	63	OPCH 63		ASCAL =====					1TD
						END PITCH DRIFT TURNS					
3257	184 21:09:45	31				END THIRD PITCH DRIFT TURN			38269:30:018F	03-184/08:57:24	1T
3258	184 21:11:20	31			CC7SS	(1) SS SEARCH ENABLE	AACS		38269:32:001F	03-184/08:58:59	1ECa
3259	184 21:11:20	31				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS	38269:32:001F	03-184/08:58:59	1ESa	
3260	184 21:11:20	31			CC7PC	(327) IDET ACQUIRED	AACS		38269:32:002F	03-184/08:59:00	1ECa
3261	184 21:11:20	31			CC7GARP	GYRO A OFF	PWR		38269:32:003F	03-184/08:59:00	1ECp
3262	184 21:11:20	31			CC7GARP	GYRO A OFF	PWR		38269:32:005F	03-184/08:59:00	1ECp
3263	184 21:11:20	31			CC7PC	(352) GYRO A OFF	AACS		38269:32:007F	03-184/08:59:00	1ECa
3264	184 21:11:20	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		38269:32:008F	03-184/08:59:00	1ECp
3265	184 21:11:20	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		38269:32:010F	03-184/08:59:00	1ECp
3266	184 21:11:21	31			CC7PC	(312) DUMMY PWR CMD	AACS		38269:32:012F	03-184/08:59:00	1ECa

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3267	184 21:11:56	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
3268	184 21:11:56	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
3269	184 21:12:08	31				B- MISCMD			38269:33:001F	03-184/08:59:47	1TB
3270	184 21:12:08	31				MISCMD - RESET CALIB			38269:33:001F	03-184/08:59:47	1T
3271	184 21:12:08	31			AC7PAR	(7530 000000) PARAMETER LOAD	AACS		38269:33:004F	03-184/08:59:48	1ECa
3272	184 21:12:56	31			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		38269:34:001F	03-184/09:00:35	1ECa
3273	184 21:14:01	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		38269:35:285F	03-184/09:01:40	1ESa
3274	184 21:14:01	31			CC7PC	(307) STAR ACQUIRED	AACS		38269:35:285F	03-184/09:01:40	1ECa
3275	184 21:14:01	31			CC7GCRP	GYRO C OFF	PWR		38269:35:286F	03-184/09:01:41	1ECp
3276	184 21:14:01	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		38269:35:286F	03-184/09:01:41	1ESa
3277	184 21:14:01	31			CC7GCRP	GYRO C OFF	PWR		38269:35:288F	03-184/09:01:41	1ECp
3278	184 21:14:01	31			CC7PC	(372) GYRO C OFF	AACS		38269:35:290F	03-184/09:01:41	1ECa
3279	184 21:14:01	31			CC7GBRP	GYRO B OFF	PWR		38269:35:290F	03-184/09:01:41	1ECp
3280	184 21:14:01	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS		38269:35:290F	03-184/09:01:41	1ESa

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3281	184 21:14:01	31			CC7GBRP	GYRO B OFF	PWR		38269:35:293F	03-184/09:01:41	1ECp
3282	184 21:14:02	31			CC7PC	(362) GYRO B OFF	AACS		38269:35:295F	03-184/09:01:41	1ECa
3283	184 21:14:02	31			CC7GARP	GYRO A OFF	PWR		38269:35:295F	03-184/09:01:41	1ECp
3284	184 21:14:02	31			CC7GARP	GYRO A OFF	PWR		38269:35:297F	03-184/09:01:41	1ECp
3285	184 21:14:02	31			CC7PC	(352) GYRO A OFF	AACS		38269:35:299F	03-184/09:01:41	1ECa
3286	184 21:14:02	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		38269:35:300F	03-184/09:01:41	1ECp
3287	184 21:14:02	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		38269:35:302F	03-184/09:01:42	1ECp
3288	184 21:14:02	31			CC7PC	(312) DUMMY PWR CMD	AACS		38269:35:304F	03-184/09:01:42	1ECa
3289	184 21:16:08	31				B- DRCRUS			38269:38:001F	03-184/09:03:47	1TB
3290	184 21:16:08	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		38269:38:009F	03-184/09:03:48	1ECf
3291	184 21:16:56	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	38269:39:001F	03-184/09:04:35	1ESf
3292	184 21:16:56	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		38269:39:002F	03-184/09:04:35	1ECs
3293	184 21:22:32	31				B- YAWDB			38269:46:001F	03-184/09:10:11	1TB
3294	184 21:22:32	31				YAWDB - .10			38269:46:001F	03-184/09:10:11	1T
3295	184 21:22:32	31				B- ROLLDB			38269:46:001F	03-184/09:10:11	1TB
3296	184 21:22:32	31				ROLLDB - .25			38269:46:001F	03-184/09:10:11	1T
3297	184 21:22:32	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		38269:46:003F	03-184/09:10:12	1ECa
3298	184 21:22:32	31			AC7PAR	(6742 004540) +ROLL DB=.25 DEG	AACS		38269:46:005F	03-184/09:10:12	1ECa



FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3299	184 21:22:33	31	63	OPCH 63		END ASCAL					1TD
3300	184 21:33:44	31				B- MISCMD			38270:00:001F	03-184/09:21:23	1TB
3301	184 21:33:44	31				MISCMD - PLS SUPP HTR ON			38270:00:001F	03-184/09:21:23	1T
3302	184 21:33:44	31			CC32B	PLS SUPPLEMENTAL HEATER ON	PWR		38270:00:002F	03-184/09:21:23	1ECp
3303	184 22:15:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9458					1DP
3304	185 00:00:00	31				VGR-31 OWLT IS 12H 12M 21S					1L
3305	185 00:16:15	31	10RISE			10.2 DEGREE RISE DSC-10					1V
3306	185 01:00:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9459 (D/L ONLY)					1DP
3307	185 01:00:00	31				CFG CODES					1DP
3308	185 03:50:56	31	60 SET			15.6 DEGREE SET DSC-60					1V
3309	185 07:45:39	31	40RISE			10.2 DEGREE RISE DSC-40					1V
3310	185 10:55:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9459					1DP
3311	185 11:45:02	31	10 SET			10.2 DEGREE SET DSC-10					1V
3312	185 12:00:00	31				VGR-31 OWLT IS 12H 12M 25S					1L
3313	185 16:39:25	31	60RISE			10.2 DEGREE RISE DSC-60					1V
3314	185 16:46:35	31	40 SET			10.2 DEGREE SET DSC-40					1V
3315	185 17:28:15	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		38294:53:002F	03-185/05:15:48	1ECd
3316	185 17:28:15	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:2344	DTR		38294:53:002F	03-185/05:15:48	1ESd
3317	185 17:42:31	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		38295:10:675F	03-185/05:30:04	1ECd

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3318	185 17:42:31	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2653	DTR		38295:10:675F	03-185/05:30:04	1ESd
3319	185 18:05:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9459 (D/L ONLY)					1DP
3320	185 18:05:00	31				CFG CODES					1DP
3321	185 20:25:40	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
3322	185 20:25:40	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
3323	185 20:26:28	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
3324	185 20:26:28	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
3325	185 20:28:16	31			CC16C	(7028) DTR STATE SELECT: READY	DTR		38298:38:002F	03-185/08:15:48	1ECd
3326	185 20:28:16	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:2653	DTR		38298:38:002F	03-185/08:15:48	1ESd
3327	185 20:29:04	31				AHEL11 PWSREC 24			38298:39:001F	03-185/08:16:35	1T
3328	185 20:29:04	31				B- PWSREC.31			38298:39:001F	03-185/08:16:35	1TB
3329	185 20:29:04	31				BEGIN PWSREC.31			38298:39:001F	03-185/08:16:35	1T
3330	185 20:29:04	31			SC32AJ	(10) PLS CONFIG CMD	FDS		38298:39:009F	03-185/08:16:36	1ECf
3331	185 20:29:52	31				B- DRGS4B			38298:40:001F	03-185/08:17:23	1TB

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3332	185 20:29:52	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		38298:40:009F	03-185/08:17:24	1ECf
3333	185 20:30:36	31				BEGIN RECORDING PWS DATA			38298:40:734F	03-185/08:18:07	1T
3334	185 20:30:36	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		38298:40:735F	03-185/08:18:08	1ECd
3335	185 20:30:36	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:2653	DTR		38298:40:735F	03-185/08:18:08	1ESd
3336	185 20:30:40	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	38298:41:001F	03-185/08:18:11	1ESf
3337	185 20:30:40	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		38298:41:002F	03-185/08:18:11	1ECs
3338	185 20:30:41	31				B- DRCRUS			38298:41:018F	03-185/08:18:12	1TB
3339	185 20:30:41	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		38298:41:026F	03-185/08:18:13	1ECf
3340	185 20:31:28	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	38298:42:001F	03-185/08:18:59	1ESf
3341	185 20:31:28	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		38298:42:002F	03-185/08:19:00	1ECd

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3342	185 20:31:28	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:2360	DTR		38298:42:002F	03-185/08:19:00	1ESd
3343	185 20:31:28	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		38298:42:002F	03-185/08:19:00	1ECs
3344	185 20:32:16	31				B- MISCMD			38298:43:001F	03-185/08:19:47	1TB
3345	185 20:32:16	31				MISCMD - DC RETURN MEAS			38298:43:001F	03-185/08:19:47	1T
3346	185 20:32:16	31			SC32AJ	(13) PLS CONFIG CMD	FDS		38298:43:009F	03-185/08:19:48	1ECf
3347	185 20:32:17	31				END PWSREC.31			38298:43:018F	03-185/08:19:48	1T
3348	185 20:33:04	31				B- MISCMD			38298:44:001F	03-185/08:20:35	1TB
3349	185 20:33:04	31				MISCMD - PLS SUPP HTR OFF			38298:44:001F	03-185/08:20:35	1T
3350	185 20:33:04	31			CC32BR	PLS SUPPLEMENTAL HEATER OFF	PWR		38298:44:002F	03-185/08:20:35	1ECp
3351	185 20:37:52	31				B- MISCMD			38298:50:001F	03-185/08:25:23	1TB
3352	185 20:37:52	31				MISCMD - PLS ON			38298:50:001F	03-185/08:25:23	1T
3353	185 20:37:52	31			CC32A	PLS ON	PWR		38298:50:002F	03-185/08:25:23	1ECp
3354	185 20:38:40	31				B- MISCMD			38298:51:001F	03-185/08:26:11	1TB
3355	185 20:38:40	31				MISCMD - PWR ON STATE			38298:51:001F	03-185/08:26:11	1T
3356	185 20:38:40	31			SC32AJ	(00) PLS CONFIG CMD	FDS		38298:51:009F	03-185/08:26:12	1ECf
3357	185 20:41:52	31				B- MISCMD			38298:55:001F	03-185/08:29:23	1TB
3358	185 20:41:52	31				MISCMD - DC RETURN MEAS			38298:55:001F	03-185/08:29:23	1T
3359	185 20:41:52	31			SC32AJ	(13) PLS CONFIG CMD	FDS		38298:55:009F	03-185/08:29:24	1ECf
3360	185 22:35:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9459					1DP
3361	185 22:37:53	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		38301:20:002F	03-185/10:25:24	1ECd

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3362	185 22:37:53	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2354	DTR		38301:20:002F	03-185/10:25:24	1ESd
3363	185 22:38:18	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		38301:20:426F	03-185/10:25:49	1ECd
3364	185 22:38:18	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2344	DTR		38301:20:426F	03-185/10:25:49	1ESd
3365	186 00:00:00	31				VGR-31 OWLT IS 12H 12M 29S					1L
3366	186 00:12:17	31	10RISE			10.2 DEGREE RISE DSC-10					1V
3367	186 00:55:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9460 (D/L ONLY)					1DP
3368	186 00:55:00	31				CFG CODES					1DP
3369	186 01:31:30	31			AC7SSB	(3 +004) SS BIAS CONTROL - PITCH	AACS		38304:57:003F	03-185/13:19:00	1ECa
3370	186 01:37:54	31			CC16C	(7024) DTR STATE SELECT: READY	DTR		38305:05:002F	03-185/13:25:24	1ECd
3371	186 01:37:54	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:2344	DTR		38305:05:002F	03-185/13:25:24	1ESd
3372	186 03:46:57	31	60 SET			15.6 DEGREE SET DSC-60					1V
3373	186 07:41:41	31	40RISE			10.2 DEGREE RISE DSC-40					1V
3374	186 10:50:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9460					1DP
3375	186 11:41:03	31	10 SET			10.2 DEGREE SET DSC-10					1V
3376	186 12:00:00	31				VGR-31 OWLT IS 12H 12M 34S					1L
3377	186 16:35:27	31	60RISE			10.2 DEGREE RISE DSC-60					1V
3378	186 16:42:37	31	40 SET			10.2 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3379	186 19:05:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9460 (D/L ONLY)					1DP
3380	186 19:05:00	31				CFG CODES					1DP
3381	186 23:05:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9460					1DP
3382	186 23:15:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9460 (D/L ONLY)					1DP
3383	186 23:15:00	31				CFG CODES					1DP
3384	187 00:00:00	31				VGR-31 OWLT IS 12H 12M 38S					1L
3385	187 00:08:19	31	10RISE			10.2 DEGREE RISE DSC-10					1V
3386	187 00:50:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9461 (D/L ONLY)					1DP
3387	187 00:50:00	31				CFG CODES					1DP
3388	187 02:15:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9460					1DP
3389	187 03:43:00	31	60 SET			15.5 DEGREE SET DSC-60					1V
3390	187 07:37:42	31	40RISE			10.2 DEGREE RISE DSC-40					1V
3391	187 10:50:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9461					1DP
3392	187 11:37:05	31	10 SET			10.2 DEGREE SET DSC-10					1V
3393	187 12:00:00	31				VGR-31 OWLT IS 12H 12M 42S					1L
3394	187 16:25:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9461 (D/L ONLY)					1DP
3395	187 16:25:00	31				CFG CODES					1DP
3396	187 16:31:29	31	60RISE			10.2 DEGREE RISE DSC-60					1V
3397	187 16:38:39	31	40 SET			10.2 DEGREE SET DSC-40					1V
3398	187 23:15:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9461					1DP
3399	188 00:00:00	31				VGR-31 OWLT IS 12H 12M 47S					1L

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3400	188 00:04:21	31	10RISE			10.2 DEGREE RISE DSC-10					1V
3401	188 02:25:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9462 (D/L ONLY)					1DP
3402	188 02:25:00	31				CFG CODES					1DP
3403	188 03:39:04	31	60 SET			15.5 DEGREE SET DSC-60					1V
3404	188 07:33:44	31	40RISE			10.2 DEGREE RISE DSC-40					1V
3405	188 10:45:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9462					1DP
3406	188 11:33:06	31	10 SET			10.2 DEGREE SET DSC-10					1V
3407	188 11:57:51	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
3408	188 12:00:00	31				VGR-31 OWLT IS 12H 12M 51S					1L
3409	188 12:02:51	31					DTR		38378:05:602F	03-187/23:50:00	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:2344					
3410	188 12:02:51	31		ACE OPCH			FDS	CR-5T	38378:05:602F	03-187/23:50:00	1ESf
						FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11					
3411	188 12:12:52	31				A048 UPLINK WINDOW OPEN			38378:18:218F	03-188/00:00:00	1T
3412	188 16:27:32	31	60RISE			10.2 DEGREE RISE DSC-60					1V
3413	188 16:34:42	31	40 SET			10.2 DEGREE SET DSC-40					1V
3414	188 23:15:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9462 (D/L ONLY)					1DP
3415	188 23:15:00	31				CFG CODES					1DP
3416	189 00:00:00	31				VGR-31 OWLT IS 12H 12M 55S					1L
3417	189 00:00:24	31	10RISE			10.2 DEGREE RISE DSC-10					1V

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3418	189 01:40:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9463 (D/L ONLY)					1DP
3419	189 01:40:00	31				CFG CODES					1DP
3420	189 01:50:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9462					1DP
3421	189 03:35:04	31	60 SET			15.5 DEGREE SET DSC-60					1V
3422	189 05:30:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9463 (U/L PASS)					1DP
3423	189 07:29:45	31	40RISE			10.2 DEGREE RISE DSC-40					1V
3424	189 09:30:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9463					1DP
3425	189 10:40:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9463					1DP
3426	189 11:29:08	31	10 SET			10.2 DEGREE SET DSC-10					1V
3427	189 12:00:00	31				VGR-31 OWLT IS 12H 13M 00S					1L
3428	189 14:02:12	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
3429	189 14:02:12	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
3430	189 14:03:00	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
3431	189 14:03:00	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
3432	189 14:05:36	31				BEGIN PWSREC.31			38410:39:001F	03-189/01:52:35	1T
3433	189 14:05:36	31			SC32AJ	(10) PLS CONFIG CMD	FDS		38410:39:010F	03-189/01:52:36	1ECF
3434	189 14:06:24	31				B- DRGS4B			38410:40:001F	03-189/01:53:23	1TB



FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3435	189 14:06:24	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		38410:40:009F	03-189/01:53:24	1ECf
3436	189 14:07:08	31				BEGIN RECORDING PWS DATA			38410:40:734F	03-189/01:54:07	1T
3437	189 14:07:08	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		38410:40:735F	03-189/01:54:08	1ECd
3438	189 14:07:08	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:4 TIC:2344	DTR		38410:40:735F	03-189/01:54:08	1ESd
3439	189 14:07:12	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	38410:41:001F	03-189/01:54:11	1ESf
3440	189 14:07:12	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		38410:41:002F	03-189/01:54:11	1ECs
3441	189 14:07:13	31				B- DRCRUS			38410:41:018F	03-189/01:54:12	1TB
3442	189 14:07:13	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		38410:41:026F	03-189/01:54:13	1ECf
3443	189 14:08:00	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	38410:42:001F	03-189/01:54:59	1ESf

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3444	189 14:08:00	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		38410:42:002F	03-189/01:54:59	1ECs
3445	189 14:08:00	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		38410:42:002F	03-189/01:55:00	1ECd
3446	189 14:08:00	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:2052	DTR		38410:42:002F	03-189/01:55:00	1ESd
3447	189 14:08:48	31				B- MISCMD			38410:43:001F	03-189/01:55:47	1TB
3448	189 14:08:48	31				MISCMD - DC RETURN MEAS			38410:43:001F	03-189/01:55:47	1T
3449	189 14:08:48	31			SC32AJ	(13) PLS CONFIG CMD	FDS		38410:43:009F	03-189/01:55:48	1ECf
3450	189 14:08:49	31				END PWSREC.31			38410:43:018F	03-189/01:55:48	1T
3451	189 16:23:34	31	60RISE			10.2 DEGREE RISE DSC-60					1V
3452	189 16:30:44	31	40 SET			10.2 DEGREE SET DSC-40					1V
3453	189 19:10:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9463 (D/L ONLY)					1DP
3454	189 19:10:00	31				CFG CODES					1DP
3455	189 21:10:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9463					1DP
3456	189 23:56:26	31	10RISE			10.2 DEGREE RISE DSC-10					1V
3457	190 00:00:00	31				VGR-31 OWLT IS 12H 13M 04S					1L
3458	190 00:00:52	31			AC7SSB	(4 +140) SS BIAS CONTROL --- YAW	AACS		38423:03:003F	03-189/11:47:48	1ECa
3459	190 00:40:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9464 (D/L ONLY)					1DP
3460	190 00:40:00	31				CFG CODES					1DP
3461	190 03:31:08	31	60 SET			15.5 DEGREE SET DSC-60					1V
3462	190 07:25:47	31	40RISE			10.2 DEGREE RISE DSC-40					1V

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3463	190 10:35:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9464					1DP
3464	190 11:25:09	31	10 SET			10.2 DEGREE SET DSC-10					1V
3465	190 12:00:00	31				VGR-31 OWLT IS 12H 13M 08S					1L
3466	190 15:16:10	31			AC7SSB	(3 +005) SS BIAS CONTROL - PITCH	AACS		38442:07:003F	03-190/03:03:00	1ECa
3467	190 16:10:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9464 (D/L ONLY)					1DP
3468	190 16:10:00	31				CFG CODES					1DP
3469	190 16:19:37	31	60RISE			10.2 DEGREE RISE DSC-60					1V
3470	190 16:26:47	31	40 SET			10.2 DEGREE SET DSC-40					1V
3471	190 21:40:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9464					1DP
3472	190 23:10:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9464 (D/L ONLY)					1DP
3473	190 23:10:00	31				CFG CODES					1DP
3474	190 23:52:29	31	10RISE			10.2 DEGREE RISE DSC-10					1V
3475	191 00:00:00	31				VGR-31 OWLT IS 12H 13M 13S					1L
3476	191 03:15:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9464					1DP
3477	191 03:27:11	31	60 SET			15.5 DEGREE SET DSC-60					1V
3478	191 03:40:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9465 (D/L ONLY)					1DP
3479	191 03:40:00	31				CFG CODES					1DP
3480	191 07:21:48	31	40RISE			10.2 DEGREE RISE DSC-40					1V
3481	191 10:30:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9465					1DP
3482	191 11:21:11	31	10 SET			10.2 DEGREE SET DSC-10					1V
3483	191 12:00:00	31				VGR-31 OWLT IS 12H 13M 17S					1L
3484	191 16:15:39	31	60RISE			10.2 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3485	191 16:22:49	31	40 SET			10.2 DEGREE SET DSC-40					1V
3486	191 23:48:31	31	10RISE			10.2 DEGREE RISE DSC-10					1V
3487	192 00:00:00	31				VGR-31 OWLT IS 12H 13M 22S					1L
3488	192 02:15:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9466 (D/L ONLY)					1DP
3489	192 02:15:00	31				CFG CODES					1DP
3490	192 03:23:14	31	60 SET			15.5 DEGREE SET DSC-60					1V
3491	192 07:17:50	31	40RISE			10.2 DEGREE RISE DSC-40					1V
3492	192 10:30:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9466					1DP
3493	192 11:17:13	31	10 SET			10.2 DEGREE SET DSC-10					1V
3494	192 12:00:00	31				VGR-31 OWLT IS 12H 13M 26S					1L
3495	192 16:11:42	31	60RISE			10.2 DEGREE RISE DSC-60					1V
3496	192 16:18:52	31	40 SET			10.2 DEGREE SET DSC-40					1V
3497	192 17:05:16	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		38504:23:002F	03-192/04:51:48	1ECd
3498	192 17:05:16	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:2045	DTR		38504:23:002F	03-192/04:51:48	1ESd
3499	192 17:19:32	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		38504:40:675F	03-192/05:06:04	1ECd
3500	192 17:19:32	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2354	DTR		38504:40:675F	03-192/05:06:04	1ESd
3501	192 20:02:41	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3502	192 20:02:41	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
3503	192 20:03:29	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
3504	192 20:03:29	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
3505	192 20:05:17	31			CC16C	(7028) DTR STATE SELECT: READY	DTR		38508:08:002F	03-192/07:51:48	1ECd
3506	192 20:05:17	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:2354	DTR		38508:08:002F	03-192/07:51:48	1ESd
3507	192 20:06:05	31				AHEL11 PWSREC 25			38508:09:001F	03-192/07:52:35	1T
3508	192 20:06:05	31				B- PWSREC.31			38508:09:001F	03-192/07:52:35	1TB
3509	192 20:06:05	31				BEGIN PWSREC.31			38508:09:001F	03-192/07:52:35	1T
3510	192 20:06:05	31			SC32AJ	(10) PLS CONFIG CMD	FDS		38508:09:009F	03-192/07:52:36	1ECF
3511	192 20:06:53	31				B- DRGS4B			38508:10:001F	03-192/07:53:23	1TB
3512	192 20:06:53	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		38508:10:009F	03-192/07:53:24	1ECF
3513	192 20:07:37	31				BEGIN RECORDING PWS DATA			38508:10:734F	03-192/07:54:07	1T
3514	192 20:07:37	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		38508:10:735F	03-192/07:54:08	1ECd
3515	192 20:07:37	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:2354	DTR		38508:10:735F	03-192/07:54:08	1ESd

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3516	192 20:07:41	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	38508:11:001F	03-192/07:54:11	1ESf
3517	192 20:07:41	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		38508:11:002F	03-192/07:54:11	1ECs
3518	192 20:07:42	31				B- DRCRUS			38508:11:018F	03-192/07:54:12	1TB
3519	192 20:07:42	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		38508:11:026F	03-192/07:54:13	1ECf
3520	192 20:08:29	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	38508:12:001F	03-192/07:54:59	1ESf
3521	192 20:08:29	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		38508:12:002F	03-192/07:54:59	1ECs
3522	192 20:08:29	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		38508:12:002F	03-192/07:55:00	1ECd
3523	192 20:08:29	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:2061	DTR		38508:12:002F	03-192/07:55:00	1ESd
3524	192 20:09:17	31				B- MISCMD			38508:13:001F	03-192/07:55:47	1TB
3525	192 20:09:17	31				MISCMD - DC RETURN MEAS			38508:13:001F	03-192/07:55:47	1T
3526	192 20:09:17	31			SC32AJ	(13) PLS CONFIG CMD	FDS		38508:13:009F	03-192/07:55:48	1ECf

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3527	192 20:09:18	31				END PWSREC.31			38508:13:018F	03-192/07:55:48	1T
3528	192 22:14:54	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		38510:50:002F	03-192/10:01:24	1ECd
3529	192 22:14:54	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2055	DTR		38510:50:002F	03-192/10:01:24	1ESd
3530	192 22:15:19	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		38510:50:421F	03-192/10:01:49	1ECd
3531	192 22:15:19	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2045	DTR		38510:50:421F	03-192/10:01:49	1ESd
3532	192 23:44:33	31	10RISE			10.2 DEGREE RISE DSC-10					1V
3533	193 00:00:00	31				VGR-31 OWLT IS 12H 13M 31S					1L
3534	193 00:30:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9467 (D/L ONLY)					1DP
3535	193 00:30:00	31				CFG CODES					1DP
3536	193 01:14:55	31			CC16C	(7024) DTR STATE SELECT: READY	DTR		38514:35:002F	03-192/13:01:24	1ECd
3537	193 01:14:55	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:2045	DTR		38514:35:002F	03-192/13:01:24	1ESd
3538	193 03:19:15	31	60 SET			15.5 DEGREE SET DSC-60					1V
3539	193 07:13:51	31	40RISE			10.2 DEGREE RISE DSC-40					1V
3540	193 10:30:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9467					1DP
3541	193 11:13:14	31	10 SET			10.2 DEGREE SET DSC-10					1V
3542	193 12:00:00	31				VGR-31 OWLT IS 12H 13M 35S					1L
3543	193 16:07:44	31	60RISE			10.2 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3544	193 16:14:54	31	40 SET			10.2 DEGREE SET DSC-40					1V
3545	193 18:05:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9467 (D/L ONLY)					1DP
3546	193 18:05:00	31				CFG CODES					1DP
3547	193 20:55:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9467					1DP
3548	193 23:20:00	31	54 AOS	OPCH ACE		AOS DSS-54 PASS-9467 (D/L ONLY)					1DP
3549	193 23:20:00	31				CFG CODES					1DP
3550	193 23:40:36	31	10RISE			10.2 DEGREE RISE DSC-10					1V
3551	194 00:00:00	31				VGR-31 OWLT IS 12H 13M 40S					1L
3552	194 00:30:00	31	24 AOS	OPCH ACE		AOS DSS-24 PASS-9468 (D/L ONLY)					1DP
3553	194 00:30:00	31				CFG CODES					1DP
3554	194 01:35:00	31	54 LOS	OPCH ACE		LOS DSS-54 PASS-9467					1DP
3555	194 03:15:19	31	60 SET			15.5 DEGREE SET DSC-60					1V
3556	194 06:15:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9468 (D/L ONLY)					1DP
3557	194 06:15:00	31				CFG CODES					1DP
3558	194 06:35:00	31	24 LOS	OPCH ACE		LOS DSS-24 PASS-9468					1DP
3559	194 07:09:53	31	40RISE			10.2 DEGREE RISE DSC-40					1V
3560	194 10:20:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9468					1DP
3561	194 11:09:16	31	10 SET			10.2 DEGREE SET DSC-10					1V
3562	194 12:00:00	31				VGR-31 OWLT IS 12H 13M 45S					1L
3563	194 16:03:47	31	60RISE			10.2 DEGREE RISE DSC-60					1V
3564	194 16:10:57	31	40 SET			10.2 DEGREE SET DSC-40					1V



FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3565	194 18:15:00	31	54 AOS	OPCH ACE		AOS DSS-54 PASS-9468 (D/L ONLY)					1DP
3566	194 18:15:00	31				CFG CODES					1DP
3567	194 23:36:39	31	10RISE			10.2 DEGREE RISE DSC-10					1V
3568	195 00:00:00	31				VGR-31 OWLT IS 12H 13M 49S					1L
3569	195 00:25:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9469 (D/L ONLY)					1DP
3570	195 00:25:00	31				CFG CODES					1DP
3571	195 00:45:00	31	54 LOS	OPCH ACE		LOS DSS-54 PASS-9468					1DP
3572	195 03:11:22	31	60 SET			15.5 DEGREE SET DSC-60					1V
3573	195 05:00:51	31			AC7SSB	(3 +006) SS BIAS CONTROL - PITCH	AACS		38579:17:003F	03-194/16:47:00	1ECa
3574	195 07:05:54	31	40RISE			10.2 DEGREE RISE DSC-40					1V
3575	195 09:00:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9469					1DP
3576	195 11:05:18	31	10 SET			10.2 DEGREE SET DSC-10					1V
3577	195 12:00:00	31				VGR-31 OWLT IS 12H 13M 54S					1L
3578	195 15:59:50	31	60RISE			10.2 DEGREE RISE DSC-60					1V
3579	195 16:07:00	31	40 SET			10.2 DEGREE SET DSC-40					1V
3580	195 17:00:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9469 (D/L ONLY)					1DP
3581	195 17:00:00	31				CFG CODES					1DP
3582	195 21:23:21	31				FINAL SPACECRAFT STATUS			38599:44:785F	03-195/09:09:23	1TI
3583	195 21:23:21	31				RADIO STATUS			38599:44:785F	03-195/09:09:23	1TI
3584	195 21:23:21	31			DC2AR	S-BAND RANGING OFF			38599:44:785F	03-195/09:09:23	1TI
3585	195 21:23:21	31			DC2DR	S-BAND LO PWR			38599:44:785F	03-195/09:09:23	1TI
3586	195 21:23:21	31			DC2HR	X-BAND LO PWR			38599:44:785F	03-195/09:09:23	1TI

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3587	195 21:23:21	31			DC2N	X-BAND RANGING ON			38599:44:785F	03-195/09:09:23	1TI
3588	195 21:23:21	31			DC2P	2 WAY NON-COHERENT ON			38599:44:785F	03-195/09:09:23	1TI
3589	195 21:23:21	31			DC2QR	USO OFF			38599:44:785F	03-195/09:09:23	1TI
3590	195 21:23:21	31			CC2BRP	S-BAND EXC-2 SEL			38599:44:785F	03-195/09:09:23	1TI
3591	195 21:23:21	31			CC2CRP	S-BAND TRANS-2 SEL			38599:44:785F	03-195/09:09:23	1TI
3592	195 21:23:21	31			CC2FP	RCVR-1 SEL			38599:44:785F	03-195/09:09:23	1TI
3593	195 21:23:21	31			CC2JP	X-BAND EXC-1 SEL			38599:44:785F	03-195/09:09:23	1TI
3594	195 21:23:21	31			CC2GP	X-BAND ON			38599:44:785F	03-195/09:09:23	1TI
3595	195 21:23:21	31			CC2KRP	S-BAND OFF			38599:44:785F	03-195/09:09:23	1TI
3596	195 21:23:21	31			CC2LP	X-BAND TWTA-1 SEL			38599:44:785F	03-195/09:09:23	1TI
3597	195 21:23:21	31			CC2MP	S-BAND EXC ON			38599:44:785F	03-195/09:09:23	1TI
3598	195 21:23:21	31			DC2E	HGA SELECT			38599:44:785F	03-195/09:09:23	1TI
3599	195 21:23:21	31			CC1T	BAY 1 HTR ON			38599:44:785F	03-195/09:09:23	1TI
3600	195 21:23:21	31				MDS STATUS			38599:44:785F	03-195/09:09:23	1TI
3601	195 21:23:21	31			CC3BP	TMU ON			38599:44:785F	03-195/09:09:23	1TI
3602	195 21:23:21	31			CC3GP	TMU-A SEL			38599:44:785F	03-195/09:09:23	1TI
3603	195 21:23:21	31			CC3HP	CDU-A SEL			38599:44:785F	03-195/09:09:23	1TI
3604	195 21:23:21	31			CC3A	32310 X-BAND			38599:44:785F	03-195/09:09:23	1TI
3605	195 21:23:21	31			CC3A	28301 S-BAND			38599:44:785F	03-195/09:09:23	1TI
3606	195 21:23:21	31				POWER STATUS			38599:44:785F	03-195/09:09:23	1TI
3607	195 21:23:21	31			CC4A	UNDERVOLTAGE TRIP RESET			38599:44:785F	03-195/09:09:23	1TI
3608	195 21:23:21	31			CC4K	RTG-1 DIODE BYPASS ON			38599:44:785F	03-195/09:09:23	1TI
3609	195 21:23:21	31			CC4L	RTG-2 DIODE BYPASS ON			38599:44:785F	03-195/09:09:23	1TI

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3610	195 21:23:21	31			CC4M	RTG-3 DIODE BYPASS ON			38599:44:785F	03-195/09:09:23	1TI
3611	195 21:23:21	31				CCS STATUS			38599:44:785F	03-195/09:09:23	1TI
3612	195 21:23:21	31			DC5AR	CCS TOL DET ENABLE			38599:44:785F	03-195/09:09:23	1TI
3613	195 21:23:21	31				FDS STATUS			38599:44:785F	03-195/09:09:23	1TI
3614	195 21:23:21	31			CC6CP	FDS ON/ISS PWR ENABLE			38599:44:785F	03-195/09:09:23	1TI
3615	195 21:23:21	31			CC6AA	1 SVC-W1			38599:44:785F	03-195/09:09:23	1TI
3616	195 21:23:21	31			CC6AD	3200 SVC-W4			38599:44:785F	03-195/09:09:23	1TI
3617	195 21:23:21	31			CC6AE	30011 SVC-W5			38599:44:785F	03-195/09:09:23	1TI
3618	195 21:23:21	31			CC6AP	FDS PWR CONV A SEL			38599:44:785F	03-195/09:09:23	1TI
3619	195 21:23:21	31			CC6AB	01000 SVC-W2			38599:44:785F	03-195/09:09:23	1TI
3620	195 21:23:21	31			SC06BB	530070 FDS DATA MODE			38599:44:785F	03-195/09:09:23	1TI
3621	195 21:23:21	31				AACS STATUS			38599:44:785F	03-195/09:09:23	1TI
3622	195 21:23:21	31			AC7PCG	14 HYBIC 2 PWR ON			38599:44:785F	03-195/09:09:23	1TI
3623	195 21:23:21	31			CC7ML	05 CST ON			38599:44:785F	03-195/09:09:23	1TI
3624	195 21:23:21	31			AC7CTG	10 394 CST HI GATE			38599:44:785F	03-195/09:09:23	1TI
3625	195 21:23:21	31			AC7CTG	11 442 CST LO GATE			38599:44:785F	03-195/09:09:23	1TI
3626	195 21:23:21	31			AC7GYP	111 GYRO PATTERN			38599:44:785F	03-195/09:09:23	1TI
3627	195 21:23:21	31			AC7PCG	52 GYRO A OFF			38599:44:785F	03-195/09:09:23	1TI
3628	195 21:23:21	31			AC7PCG	62 GYRO B OFF			38599:44:785F	03-195/09:09:23	1TI
3629	195 21:23:21	31			AC7PCG	72 GYRO C OFF			38599:44:785F	03-195/09:09:23	1TI
3630	195 21:23:21	31			AC7PAR	7530 000000 GYRO OFF NORM			38599:44:785F	03-195/09:09:23	1TI
3631	195 21:23:21	31			AC7PAR	6740 000740 PITCH DEADBAND			38599:44:785F	03-195/09:09:23	1TI
3632	195 21:23:21	31			AC7PAR	6741 001700 YAW DEADBAND			38599:44:785F	03-195/09:09:23	1TI

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3633	195 21:23:21	31			AC7PAR	6742 004540 ROLL DEADBAND			38599:44:785F	03-195/09:09:23	1TI
3634	195 21:23:21	31			DEADBAND	DEAD BAND STATE: 05 10 25			38599:44:785F	03-195/09:09:23	1TI
3635	195 21:23:21	31			CC7SS	1 AACS TO RAI			38599:44:785F	03-195/09:09:23	1TI
3636	195 21:23:21	31			CC7CT	01 CST CONE ANGLE 1			38599:44:785F	03-195/09:09:23	1TI
3637	195 21:23:21	31			AC7DDB	000480 DEAD BAND CONTROL			38599:44:785F	03-195/09:09:23	1TI
3638	195 21:23:21	31			CC7AHRP	SS HTR A OFF			38599:44:785F	03-195/09:09:23	1TI
3639	195 21:23:21	31			CC7BHP	SS HTR B ON			38599:44:785F	03-195/09:09:23	1TI
3640	195 21:23:21	31			CC7ML	01 FDS CHAN A			38599:44:785F	03-195/09:09:23	1TI
3641	195 21:23:21	31			CC7ML	09 TCAPU FAULT ENA			38599:44:785F	03-195/09:09:23	1TI
3642	195 21:23:21	31			AC7PCG	61 AACS BAY 6 HTR A OFF			38599:44:785F	03-195/09:09:23	1TI
3643	195 21:23:21	31			AC7PCG	71 AACS BAY 6 HTR B OFF			38599:44:785F	03-195/09:09:23	1TI
3644	195 21:23:21	31			CC7MMRP	PROC/MEM 2 SELECT			38599:44:785F	03-195/09:09:23	1TI
3645	195 21:23:21	31			CC7SHP	AZ SCAN ACTUATOR HTR ON			38599:44:785F	03-195/09:09:23	1TI
3646	195 21:23:21	31			AC7PCG	22 CST SUN SHUTTER OFF			38599:44:785F	03-195/09:09:23	1TI
3647	195 21:23:21	31			AC7PCG	10 ISO VALVE BRANCH 1 OFF			38599:44:785F	03-195/09:09:23	1TI
3648	195 21:23:21	31			AC7PCG	20 ISO VALVE BRANCH 2 OFF			38599:44:785F	03-195/09:09:23	1TI
3649	195 21:23:21	31			CC1PHP	SCAN PLAT SUPL HTR ON			38599:44:785F	03-195/09:09:23	1TI
3650	195 21:23:21	31			CC77MRP	MAM OFF			38599:44:785F	03-195/09:09:23	1TI
3651	195 21:23:21	31			DC77PR	NON-PRIME FCP/MEM OFF			38599:44:785F	03-195/09:09:23	1TI
3652	195 21:23:21	31			DC77XR	MAM COMMAND DISABLE			38599:44:785F	03-195/09:09:23	1TI
3653	195 21:23:21	31				PYRO STATUS			38599:44:785F	03-195/09:09:23	1TI
3654	195 21:23:21	31			CC8D	PSU INSTRUMENTATION ON			38599:44:785F	03-195/09:09:23	1TI
3655	195 21:23:21	31			DC8XR	PYRO DISABLE			38599:44:785F	03-195/09:09:23	1TI

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3656	195 21:23:21	31				PROPULSION STATUS			38599:44:785F	03-195/09:09:23	1TI
3657	195 21:23:21	31			CC10CRP	TCM HTR OFF			38599:44:785F	03-195/09:09:23	1TI
3658	195 21:23:21	31			CC10DR	AP BR1 HTR OFF			38599:44:785F	03-195/09:09:23	1TI
3659	195 21:23:21	31			CC10ER	AP BR2 HTR OFF			38599:44:785F	03-195/09:09:23	1TI
3660	195 21:23:21	31			CC10TRP	TCM LINE HTRS OFF			38599:44:785F	03-195/09:09:23	1TI
3661	195 21:23:21	31				DSS STATUS			38599:44:785F	03-195/09:09:23	1TI
3662	195 21:23:21	31			CC16BR	DSS 10 W REPL HTR OFF			38599:44:785F	03-195/09:09:23	1TI
3663	195 21:23:21	31			CC16AP	DSS ON			38599:44:785F	03-195/09:09:23	1TI
3664	195 21:23:21	31			CC1DR	BAY 2 19 W HTR OFF			38599:44:785F	03-195/09:09:23	1TI
3665	195 21:23:21	31			CC16C	7224 DSS CONTROL			38599:44:785F	03-195/09:09:23	1TI
3666	195 21:23:21	31				SCIENCE PWR STATUS			38599:44:785F	03-195/09:09:23	1TI
3667	195 21:23:21	31			CC1CR	MAG COIL OFF			38599:44:785F	03-195/09:09:23	1TI
3668	195 21:23:21	31			CC21A	CRS ON			38599:44:785F	03-195/09:09:23	1TI
3669	195 21:23:21	31			CC21B	CRS REPL HTR ON			38599:44:785F	03-195/09:09:23	1TI
3670	195 21:23:21	31			CC21CR	CRS SUPP HTR OFF			38599:44:785F	03-195/09:09:23	1TI
3671	195 21:23:21	31			CC22A	PRA ON			38599:44:785F	03-195/09:09:23	1TI
3672	195 21:23:21	31			CC23A	PWS ON			38599:44:785F	03-195/09:09:23	1TI
3673	195 21:23:21	31			CC25A	LECP ON			38599:44:785F	03-195/09:09:23	1TI
3674	195 21:23:21	31			CC25B	LECP STEPPER MOTOR ON			38599:44:785F	03-195/09:09:23	1TI
3675	195 21:23:21	31			CC25CR	LECP REPL HTR OFF			38599:44:785F	03-195/09:09:23	1TI
3676	195 21:23:21	31			CC25D	LECP MAIN SUPP HTR ON			38599:44:785F	03-195/09:09:23	1TI
3677	195 21:23:21	31			CC25E	LECP LEPT SUPP HTR ON			38599:44:785F	03-195/09:09:23	1TI
3678	195 21:23:21	31			CC27BR	PPS SUPP HTR OFF			38599:44:785F	03-195/09:09:23	1TI

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3679	195 21:23:21	31			CC32A	PLS ON			38599:44:785F	03-195/09:09:23	1TI
3680	195 21:23:21	31			CC32BR	PLS SUPP HTR OFF			38599:44:785F	03-195/09:09:23	1TI
3681	195 21:23:21	31			CC32C	PLS REPL HTR ON			38599:44:785F	03-195/09:09:23	1TI
3682	195 21:23:21	31			CC34A	UVS ON			38599:44:785F	03-195/09:09:23	1TI
3683	195 21:23:21	31			CC34B	UVS REPL HTR ON			38599:44:785F	03-195/09:09:23	1TI
3684	195 21:23:21	31			CC35AR	MAG OFF			38599:44:785F	03-195/09:09:23	1TI
3685	195 21:23:21	31			CC35B	MAG STANDBY ON			38599:44:785F	03-195/09:09:23	1TI
3686	195 21:23:21	31			CC35GR	MAG SENSOR HTR OFF			38599:44:785F	03-195/09:09:23	1TI
3687	195 21:23:21	31			CC36GR	ISS WA VID REPL HTR OFF			38599:44:785F	03-195/09:09:23	1TI
3688	195 21:23:21	31			CC36HR	ISS WA ELEC REPL HTR OFF			38599:44:785F	03-195/09:09:23	1TI
3689	195 21:23:21	31			CC36CRP	ISS NA OPTICS HTR OFF			38599:44:785F	03-195/09:09:23	1TI
3690	195 21:23:21	31			CC36FRP	ISS NA VID REPL HTR OFF			38599:44:785F	03-195/09:09:23	1TI
3691	195 21:23:21	31			CC36JP	ISS NA ELEC REPL HTR ON			38599:44:785F	03-195/09:09:23	1TI
3692	195 21:23:21	31			CC39D	IRIS REPL HTR ON			38599:44:785F	03-195/09:09:23	1TI
3693	195 21:23:21	31			CC39FR	IRIS STANDBY A SUPPLY OFF			38599:44:785F	03-195/09:09:23	1TI
3694	195 21:23:21	31			CC39BR	IRIS STANDBY B SUPPLY OFF			38599:44:785F	03-195/09:09:23	1TI
3695	195 21:23:21	31				SCIENCE INSTRUMENT STATUS			38599:44:785F	03-195/09:09:23	1TI
3696	195 21:23:21	31			SC21AF	01000 CRS CMD WORD			38599:44:785F	03-195/09:09:23	1TI
3697	195 21:23:21	31			SC21AF	02000 CRS CMD WORD			38599:44:785F	03-195/09:09:23	1TI
3698	195 21:23:21	31			SC21AF	03000 CRS CMD WORD			38599:44:785F	03-195/09:09:23	1TI
3699	195 21:23:21	31			SC21AF	04000 CRS CMD WORD			38599:44:785F	03-195/09:09:23	1TI
3700	195 21:23:21	31			SC21AF	05300 CRS CMD WORD			38599:44:785F	03-195/09:09:23	1TI
3701	195 21:23:21	31			SC21AF	06000 CRS CMD WORD			38599:44:785F	03-195/09:09:23	1TI

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3702	195 21:23:21	31			SC21AF	07200 CRS CMD WORD			38599:44:785F	03-195/09:09:23	1TI
3703	195 21:23:21	31			SC21AF	08200 CRS CMD WORD			38599:44:785F	03-195/09:09:23	1TI
3704	195 21:23:21	31			SC21AF	10000 CRS CMD WORD			38599:44:785F	03-195/09:09:23	1TI
3705	195 21:23:21	31			SC21AF	11000 CRS CMD WORD			38599:44:785F	03-195/09:09:23	1TI
3706	195 21:23:21	31			SC21AF	12000 CRS CMD WORD			38599:44:785F	03-195/09:09:23	1TI
3707	195 21:23:21	31			SC21AF	13012 CRS CMD WORD			38599:44:785F	03-195/09:09:23	1TI
3708	195 21:23:21	31			SC21AG	CRS HV FLAG			38599:44:785F	03-195/09:09:23	1TI
3709	195 21:23:21	31			SC21AH	CRS CAL-ST FLAG			38599:44:785F	03-195/09:09:23	1TI
3710	195 21:23:21	31			SC22AF	1347 PRA CONFIGURATION CMD			38599:44:785F	03-195/09:09:23	1TI
3711	195 21:23:21	31			SC22NU	0000 PRA MODE SELECT			38599:44:785F	03-195/09:09:23	1TI
3712	195 21:23:21	31			SC23AD	5 PWS CMD WORD			38599:44:785F	03-195/09:09:23	1TI
3713	195 21:23:21	31			SC25AH	1777 LECP CMD WORD			38599:44:785F	03-195/09:09:23	1TI
3714	195 21:23:21	31			SC25AH	2417 LECP CMD WORD			38599:44:785F	03-195/09:09:23	1TI
3715	195 21:23:21	31			SC25AH	5600 LECP CMD WORD			38599:44:785F	03-195/09:09:23	1TI
3716	195 21:23:21	31			SC25AH	6032 LECP CMD WORD			38599:44:785F	03-195/09:09:23	1TI
3717	195 21:23:21	31			SC25AJ	1 LECP MOTOR STEP CMD			38599:44:785F	03-195/09:09:23	1TI
3718	195 21:23:21	31			SC25AN	0 LECP NEAR/FAR ENC			38599:44:785F	03-195/09:09:23	1TI
3719	195 21:23:21	31			SC25AQ	5200 LECP SAFE CMD			38599:44:785F	03-195/09:09:23	1TI
3720	195 21:23:21	31			SC32AF	2 PLS E1 INT/AMP GAIN			38599:44:785F	03-195/09:09:23	1TI
3721	195 21:23:21	31			SC32AG	2 PLS E2 INT/AMP GAIN			38599:44:785F	03-195/09:09:23	1TI
3722	195 21:23:21	31			SC32AH	3 PLS M INT/AMP GAIN			38599:44:785F	03-195/09:09:23	1TI
3723	195 21:23:21	31			SC32AJ	13 PLS CONFIG CMD			38599:44:785F	03-195/09:09:23	1TI
3724	195 21:23:21	31			SC32AK	2 PLS L INT/AMP GAIN			38599:44:785F	03-195/09:09:23	1TI

FINAL SEQUENCE FOR JST A047 (TOL/A047F - EVTSDR/A047AD)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3725	195 21:23:21	31			SC32AL	216 PLS M START WORD 1			38599:44:785F	03-195/09:09:23	1TI
3726	195 21:23:21	31			SC32AM	216 PLS M START WORD 2			38599:44:785F	03-195/09:09:23	1TI
3727	195 21:23:21	31			SC32AN	2 PLS M MODE			38599:44:785F	03-195/09:09:23	1TI
3728	195 21:23:21	31			SC32AP	3 PLS E1 SHRT			38599:44:785F	03-195/09:09:23	1TI
3729	195 21:23:21	31			SC32AQ	3 PLS E2 SHRT			38599:44:785F	03-195/09:09:23	1TI
3730	195 21:23:21	31			SC32AR	3 PLS L SHORT			38599:44:785F	03-195/09:09:23	1TI
3731	195 21:23:21	31			SC32AS	2 PLS E1 LONG			38599:44:785F	03-195/09:09:23	1TI
3732	195 21:23:21	31			SC32AT	2 PLS E2 LONG			38599:44:785F	03-195/09:09:23	1TI
3733	195 21:23:21	31			SC32AU	2 PLS L LONG			38599:44:785F	03-195/09:09:23	1TI
3734	195 21:23:21	31			SC34AE	13 UVS MODE/HV LEVEL			38599:44:785F	03-195/09:09:23	1TI
3735	195 21:23:21	31			SC34AF	0 UVS READ OUT FLAG			38599:44:785F	03-195/09:09:23	1TI
3736	195 21:23:21	31			SC35AI	030001 MAG HFM/EL FLIP/IFC/LFM			38599:44:785F	03-195/09:09:23	1TI
3737	195 21:23:21	31			SC35AO	030001 MAG HFM/PRIME/IFC/LFM RAN			38599:44:785F	03-195/09:09:23	1TI