



FINAL FLIGHT SOE

S/C 31

SEQUENCE ID A051AA DATE OF RELEASE April 26, 2004

EXECUTION PERIOD 04/19/2004 to 07/19/2004 (04-110 to 04-201)

Distribution:
7/13/02
soe list (3)

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FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT 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	110 21:46:37	31				INITIAL SPACECRAFT STATUS			46999:44:785F	04-110/09:09:23	1TI
2	110 21:46:37	31				RADIO STATUS			46999:44:785F	04-110/09:09:23	1TI
3	110 21:46:37	31			DC2AR	S-BAND RANGING OFF			46999:44:785F	04-110/09:09:23	1TI
4	110 21:46:37	31			DC2DR	S-BAND LO PWR			46999:44:785F	04-110/09:09:23	1TI
5	110 21:46:37	31			DC2HR	X-BAND LO PWR			46999:44:785F	04-110/09:09:23	1TI
6	110 21:46:37	31			DC2N	X-BAND RANGING ON			46999:44:785F	04-110/09:09:23	1TI
7	110 21:46:37	31			DC2P	2 WAY NON-COHERENT ON			46999:44:785F	04-110/09:09:23	1TI
8	110 21:46:37	31			DC2QR	USO OFF			46999:44:785F	04-110/09:09:23	1TI
9	110 21:46:37	31			CC2BRP	S-BAND EXC-2 SEL			46999:44:785F	04-110/09:09:23	1TI
10	110 21:46:37	31			CC2CRP	S-BAND TRANS-2 SEL			46999:44:785F	04-110/09:09:23	1TI
11	110 21:46:37	31			CC2FP	RCVR-1 SEL			46999:44:785F	04-110/09:09:23	1TI
12	110 21:46:37	31			CC2JP	X-BAND EXC-1 SEL			46999:44:785F	04-110/09:09:23	1TI
13	110 21:46:37	31			CC2GP	X-BAND ON			46999:44:785F	04-110/09:09:23	1TI
14	110 21:46:37	31			CC2KRP	S-BAND OFF			46999:44:785F	04-110/09:09:23	1TI
15	110 21:46:37	31			CC2LP	X-BAND TWTA-1 SEL			46999:44:785F	04-110/09:09:23	1TI
16	110 21:46:37	31			CC2MP	S-BAND EXC ON			46999:44:785F	04-110/09:09:23	1TI
17	110 21:46:37	31			DC2E	HGA SELECT			46999:44:785F	04-110/09:09:23	1TI
18	110 21:46:37	31			CC1T	BAY 1 HTR ON			46999:44:785F	04-110/09:09:23	1TI
19	110 21:46:37	31				MDS STATUS			46999:44:785F	04-110/09:09:23	1TI
20	110 21:46:37	31			CC3BP	TMU ON			46999:44:785F	04-110/09:09:23	1TI
21	110 21:46:37	31			CC3GP	TMU-A SEL			46999:44:785F	04-110/09:09:23	1TI
22	110 21:46:37	31			CC3HP	CDU-A SEL			46999:44:785F	04-110/09:09:23	1TI
23	110 21:46:37	31			CC3A	32310 X-BAND			46999:44:785F	04-110/09:09:23	1TI

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT 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	110 21:46:37	31			CC3A	28301 S-BAND			46999:44:785F	04-110/09:09:23	1TI
25	110 21:46:37	31				POWER STATUS			46999:44:785F	04-110/09:09:23	1TI
26	110 21:46:37	31			CC4A	UNDERVOLTAGE TRIP RESET			46999:44:785F	04-110/09:09:23	1TI
27	110 21:46:37	31			CC4K	RTG-1 DIODE BYPASS ON			46999:44:785F	04-110/09:09:23	1TI
28	110 21:46:37	31			CC4L	RTG-2 DIODE BYPASS ON			46999:44:785F	04-110/09:09:23	1TI
29	110 21:46:37	31			CC4M	RTG-3 DIODE BYPASS ON			46999:44:785F	04-110/09:09:23	1TI
30	110 21:46:37	31				CCS STATUS			46999:44:785F	04-110/09:09:23	1TI
31	110 21:46:37	31			DC5AR	CCS TOL DET ENABLE			46999:44:785F	04-110/09:09:23	1TI
32	110 21:46:37	31				FDS STATUS			46999:44:785F	04-110/09:09:23	1TI
33	110 21:46:37	31			CC6CP	FDS ON/ISS PWR ENABLE			46999:44:785F	04-110/09:09:23	1TI
34	110 21:46:37	31			CC6AA	1 SVC-W1			46999:44:785F	04-110/09:09:23	1TI
35	110 21:46:37	31			CC6AD	3200 SVC-W4			46999:44:785F	04-110/09:09:23	1TI
36	110 21:46:37	31			CC6AE	30011 SVC-W5			46999:44:785F	04-110/09:09:23	1TI
37	110 21:46:37	31			CC6AP	FDS PWR CONV A SEL			46999:44:785F	04-110/09:09:23	1TI
38	110 21:46:37	31			CC6AB	01000 SVC-W2			46999:44:785F	04-110/09:09:23	1TI
39	110 21:46:37	31			SC06BB	530070 FDS DATA MODE			46999:44:785F	04-110/09:09:23	1TI
40	110 21:46:37	31				AACS STATUS			46999:44:785F	04-110/09:09:23	1TI
41	110 21:46:37	31			AC7PCG	14 HYBIC 2 PWR ON			46999:44:785F	04-110/09:09:23	1TI
42	110 21:46:37	31			CC7ML	05 CST ON			46999:44:785F	04-110/09:09:23	1TI
43	110 21:46:37	31			AC7CTG	10 394 CST HI GATE			46999:44:785F	04-110/09:09:23	1TI
44	110 21:46:37	31			AC7CTG	11 442 CST LO GATE			46999:44:785F	04-110/09:09:23	1TI
45	110 21:46:37	31			AC7GYP	000 GYRO PATTERN			46999:44:785F	04-110/09:09:23	1TI
46	110 21:46:37	31			AC7PCG	52 GYRO A OFF			46999:44:785F	04-110/09:09:23	1TI

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT 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	110 21:46:37	31			AC7PCG	62 GYRO B OFF			46999:44:785F	04-110/09:09:23	1TI
48	110 21:46:37	31			AC7PCG	72 GYRO C OFF			46999:44:785F	04-110/09:09:23	1TI
49	110 21:46:37	31			AC7PAR	7530 000000 GYRO OFF NORM			46999:44:785F	04-110/09:09:23	1TI
50	110 21:46:37	31			AC7PAR	6740 000740 PITCH DEADBAND			46999:44:785F	04-110/09:09:23	1TI
51	110 21:46:37	31			AC7PAR	6741 001700 YAW DEADBAND			46999:44:785F	04-110/09:09:23	1TI
52	110 21:46:37	31			AC7PAR	6742 004540 ROLL DEADBAND			46999:44:785F	04-110/09:09:23	1TI
53	110 21:46:37	31			DEADBAND	DEAD BAND STATE: 05 10 25			46999:44:785F	04-110/09:09:23	1TI
54	110 21:46:37	31			CC7SS	1 AACS TO RAI			46999:44:785F	04-110/09:09:23	1TI
55	110 21:46:37	31			CC7CT	01 CST CONE ANGLE 1			46999:44:785F	04-110/09:09:23	1TI
56	110 21:46:37	31			AC7DDB	000480 DEAD BAND CONTROL			46999:44:785F	04-110/09:09:23	1TI
57	110 21:46:37	31			CC7AHRP	SS HTR A OFF			46999:44:785F	04-110/09:09:23	1TI
58	110 21:46:37	31			CC7BHP	SS HTR B ON			46999:44:785F	04-110/09:09:23	1TI
59	110 21:46:37	31			CC7ML	01 FDS CHAN A			46999:44:785F	04-110/09:09:23	1TI
60	110 21:46:37	31			CC7ML	09 TCAPU FAULT ENA			46999:44:785F	04-110/09:09:23	1TI
61	110 21:46:37	31			AC7PCG	61 AACS BAY 6 HTR A OFF			46999:44:785F	04-110/09:09:23	1TI
62	110 21:46:37	31			AC7PCG	71 AACS BAY 6 HTR B OFF			46999:44:785F	04-110/09:09:23	1TI
63	110 21:46:37	31			CC7MMRP	PROC/MEM 2 SELECT			46999:44:785F	04-110/09:09:23	1TI
64	110 21:46:37	31			CC7SHRP	AZ SCAN ACTUATOR HTR OFF			46999:44:785F	04-110/09:09:23	1TI
65	110 21:46:37	31			AC7PCG	22 CST SUN SHUTTER OFF			46999:44:785F	04-110/09:09:23	1TI
66	110 21:46:37	31			AC7PCG	10 ISO VALVE BRANCH 1 OFF			46999:44:785F	04-110/09:09:23	1TI
67	110 21:46:37	31			AC7PCG	20 ISO VALVE BRANCH 2 OFF			46999:44:785F	04-110/09:09:23	1TI
68	110 21:46:37	31			CC1PHP	SCAN PLAT SUPL HTR ON			46999:44:785F	04-110/09:09:23	1TI
69	110 21:46:37	31			CC77MRP	MAM OFF			46999:44:785F	04-110/09:09:23	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	110 21:46:37	31			DC77PR	NON-PRIME FCP/MEM OFF			46999:44:785F	04-110/09:09:23	1TI
71	110 21:46:37	31			DC77XR	MAM COMMAND DISABLE			46999:44:785F	04-110/09:09:23	1TI
72	110 21:46:37	31				PYRO STATUS			46999:44:785F	04-110/09:09:23	1TI
73	110 21:46:37	31			CC8D	PSU INSTRUMENTATION ON			46999:44:785F	04-110/09:09:23	1TI
74	110 21:46:37	31			DC8XR	PYRO DISABLE			46999:44:785F	04-110/09:09:23	1TI
75	110 21:46:37	31				PROPULSION STATUS			46999:44:785F	04-110/09:09:23	1TI
76	110 21:46:37	31			CC10CRP	TCM HTR OFF			46999:44:785F	04-110/09:09:23	1TI
77	110 21:46:37	31			CC10DR	AP BR1 HTR OFF			46999:44:785F	04-110/09:09:23	1TI
78	110 21:46:37	31			CC10ER	AP BR2 HTR OFF			46999:44:785F	04-110/09:09:23	1TI
79	110 21:46:37	31			CC10TRP	TCM LINE HTRS OFF			46999:44:785F	04-110/09:09:23	1TI
80	110 21:46:37	31				DSS STATUS			46999:44:785F	04-110/09:09:23	1TI
81	110 21:46:37	31			CC16BR	DSS 10 W REPL HTR OFF			46999:44:785F	04-110/09:09:23	1TI
82	110 21:46:37	31			CC16AP	DSS ON			46999:44:785F	04-110/09:09:23	1TI
83	110 21:46:37	31			CC1DR	BAY 2 19 W HTR OFF			46999:44:785F	04-110/09:09:23	1TI
84	110 21:46:37	31			CC16C	7213 DSS CONTROL			46999:44:785F	04-110/09:09:23	1TI
85	110 21:46:37	31				SCIENCE PWR STATUS			46999:44:785F	04-110/09:09:23	1TI
86	110 21:46:37	31			CC1CR	MAG COIL OFF			46999:44:785F	04-110/09:09:23	1TI
87	110 21:46:37	31			CC21A	CRS ON			46999:44:785F	04-110/09:09:23	1TI
88	110 21:46:37	31			CC21B	CRS REPL HTR ON			46999:44:785F	04-110/09:09:23	1TI
89	110 21:46:37	31			CC21CR	CRS SUPP HTR OFF			46999:44:785F	04-110/09:09:23	1TI
90	110 21:46:37	31			CC22A	PRA ON			46999:44:785F	04-110/09:09:23	1TI
91	110 21:46:37	31			CC23A	PWS ON			46999:44:785F	04-110/09:09:23	1TI
92	110 21:46:37	31			CC25A	LECP ON			46999:44:785F	04-110/09:09:23	1TI

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
93	110 21:46:37	31			CC25B	LECP STEPPER MOTOR ON			46999:44:785F	04-110/09:09:23	1TI
94	110 21:46:37	31			CC25CR	LECP REPL HTR OFF			46999:44:785F	04-110/09:09:23	1TI
95	110 21:46:37	31			CC25D	LECP MAIN SUPP HTR ON			46999:44:785F	04-110/09:09:23	1TI
96	110 21:46:37	31			CC25E	LECP LEPT SUPP HTR ON			46999:44:785F	04-110/09:09:23	1TI
97	110 21:46:37	31			CC27BR	PPS SUPP HTR OFF			46999:44:785F	04-110/09:09:23	1TI
98	110 21:46:37	31			CC32A	PLS ON			46999:44:785F	04-110/09:09:23	1TI
99	110 21:46:37	31			CC32BR	PLS SUPP HTR OFF			46999:44:785F	04-110/09:09:23	1TI
100	110 21:46:37	31			CC32C	PLS REPL HTR ON			46999:44:785F	04-110/09:09:23	1TI
101	110 21:46:37	31			CC34A	UVS ON			46999:44:785F	04-110/09:09:23	1TI
102	110 21:46:37	31			CC34B	UVS REPL HTR ON			46999:44:785F	04-110/09:09:23	1TI
103	110 21:46:37	31			CC35AR	MAG OFF			46999:44:785F	04-110/09:09:23	1TI
104	110 21:46:37	31			CC35B	MAG STANDBY ON			46999:44:785F	04-110/09:09:23	1TI
105	110 21:46:37	31			CC35GR	MAG SENSOR HTR OFF			46999:44:785F	04-110/09:09:23	1TI
106	110 21:46:37	31			CC36GR	ISS WA VID REPL HTR OFF			46999:44:785F	04-110/09:09:23	1TI
107	110 21:46:37	31			CC36HR	ISS WA ELEC REPL HTR OFF			46999:44:785F	04-110/09:09:23	1TI
108	110 21:46:37	31			CC36CRP	ISS NA OPTICS HTR OFF			46999:44:785F	04-110/09:09:23	1TI
109	110 21:46:37	31			CC36FRP	ISS NA VID REPL HTR OFF			46999:44:785F	04-110/09:09:23	1TI
110	110 21:46:37	31			CC36JP	ISS NA ELEC REPL HTR ON			46999:44:785F	04-110/09:09:23	1TI
111	110 21:46:37	31			CC39D	IRIS REPL HTR ON			46999:44:785F	04-110/09:09:23	1TI
112	110 21:46:37	31			CC39FR	IRIS STANDBY A SUPPLY OFF			46999:44:785F	04-110/09:09:23	1TI
113	110 21:46:37	31			CC39BR	IRIS STANDBY B SUPPLY OFF			46999:44:785F	04-110/09:09:23	1TI
114	110 21:46:37	31				SCIENCE INSTRUMENT STATUS			46999:44:785F	04-110/09:09:23	1TI
115	110 21:46:37	31			SC21AF	01000 CRS CMD WORD			46999:44:785F	04-110/09:09:23	1TI

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT 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	110 21:46:37	31			SC21AF	02000 CRS CMD WORD			46999:44:785F	04-110/09:09:23	1TI
117	110 21:46:37	31			SC21AF	03000 CRS CMD WORD			46999:44:785F	04-110/09:09:23	1TI
118	110 21:46:37	31			SC21AF	04000 CRS CMD WORD			46999:44:785F	04-110/09:09:23	1TI
119	110 21:46:37	31			SC21AF	05300 CRS CMD WORD			46999:44:785F	04-110/09:09:23	1TI
120	110 21:46:37	31			SC21AF	06000 CRS CMD WORD			46999:44:785F	04-110/09:09:23	1TI
121	110 21:46:37	31			SC21AF	07200 CRS CMD WORD			46999:44:785F	04-110/09:09:23	1TI
122	110 21:46:37	31			SC21AF	08200 CRS CMD WORD			46999:44:785F	04-110/09:09:23	1TI
123	110 21:46:37	31			SC21AF	10000 CRS CMD WORD			46999:44:785F	04-110/09:09:23	1TI
124	110 21:46:37	31			SC21AF	11000 CRS CMD WORD			46999:44:785F	04-110/09:09:23	1TI
125	110 21:46:37	31			SC21AF	12000 CRS CMD WORD			46999:44:785F	04-110/09:09:23	1TI
126	110 21:46:37	31			SC21AF	13012 CRS CMD WORD			46999:44:785F	04-110/09:09:23	1TI
127	110 21:46:37	31			SC21AG	CRS HV FLAG			46999:44:785F	04-110/09:09:23	1TI
128	110 21:46:37	31			SC21AH	CRS CAL-ST FLAG			46999:44:785F	04-110/09:09:23	1TI
129	110 21:46:37	31			SC22AF	1347 PRA CONFIGURATION CMD			46999:44:785F	04-110/09:09:23	1TI
130	110 21:46:37	31			SC22NU	0000 PRA MODE SELECT			46999:44:785F	04-110/09:09:23	1TI
131	110 21:46:37	31			SC23AD	5 PWS CMD WORD			46999:44:785F	04-110/09:09:23	1TI
132	110 21:46:37	31			SC25AH	1777 LECP CMD WORD			46999:44:785F	04-110/09:09:23	1TI
133	110 21:46:37	31			SC25AH	2417 LECP CMD WORD			46999:44:785F	04-110/09:09:23	1TI
134	110 21:46:37	31			SC25AH	5600 LECP CMD WORD			46999:44:785F	04-110/09:09:23	1TI
135	110 21:46:37	31			SC25AH	6032 LECP CMD WORD			46999:44:785F	04-110/09:09:23	1TI
136	110 21:46:37	31			SC25AJ	1 LECP MOTOR STEP CMD			46999:44:785F	04-110/09:09:23	1TI
137	110 21:46:37	31			SC25AN	0 LECP NEAR/FAR ENC			46999:44:785F	04-110/09:09:23	1TI
138	110 21:46:37	31			SC25AQ	5200 LECP SAFE CMD			46999:44:785F	04-110/09:09:23	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
139	110 21:46:37	31			SC32AF	2 PLS E1 INT/AMP GAIN			46999:44:785F	04-110/09:09:23	1TI
140	110 21:46:37	31			SC32AG	2 PLS E2 INT/AMP GAIN			46999:44:785F	04-110/09:09:23	1TI
141	110 21:46:37	31			SC32AH	3 PLS M INT/AMP GAIN			46999:44:785F	04-110/09:09:23	1TI
142	110 21:46:37	31			SC32AJ	13 PLS CONFIG CMD			46999:44:785F	04-110/09:09:23	1TI
143	110 21:46:37	31			SC32AK	2 PLS L INT/AMP GAIN			46999:44:785F	04-110/09:09:23	1TI
144	110 21:46:37	31			SC32AL	216 PLS M START WORD 1			46999:44:785F	04-110/09:09:23	1TI
145	110 21:46:37	31			SC32AM	216 PLS M START WORD 2			46999:44:785F	04-110/09:09:23	1TI
146	110 21:46:37	31			SC32AN	2 PLS M MODE			46999:44:785F	04-110/09:09:23	1TI
147	110 21:46:37	31			SC32AP	3 PLS E1 SHRT			46999:44:785F	04-110/09:09:23	1TI
148	110 21:46:37	31			SC32AQ	3 PLS E2 SHRT			46999:44:785F	04-110/09:09:23	1TI
149	110 21:46:37	31			SC32AR	3 PLS L SHORT			46999:44:785F	04-110/09:09:23	1TI
150	110 21:46:37	31			SC32AS	2 PLS E1 LONG			46999:44:785F	04-110/09:09:23	1TI
151	110 21:46:37	31			SC32AT	2 PLS E2 LONG			46999:44:785F	04-110/09:09:23	1TI
152	110 21:46:37	31			SC32AU	2 PLS L LONG			46999:44:785F	04-110/09:09:23	1TI
153	110 21:46:37	31			SC34AE	13 UVS MODE/HV LEVEL			46999:44:785F	04-110/09:09:23	1TI
154	110 21:46:37	31			SC34AF	0 UVS READ OUT FLAG			46999:44:785F	04-110/09:09:23	1TI
155	110 21:46:37	31			SC35AI	030001 MAG HFM/EL FLIP/IFC/LFM			46999:44:785F	04-110/09:09:23	1TI
156	110 21:46:37	31			SC35AO	030001 MAG HFM/PRIME/IFC/LFM RAN			46999:44:785F	04-110/09:09:23	1TI
157	110 21:46:38	31				BEGIN SEQUENCE A051 -- LOCK STAR			46999:45:001F	04-110/09:09:23	1T
158	110 21:46:54	31	40 SET			10.2 DEGREE SET DSC-40					1V
159	110 23:50:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9750 (D/L ONLY)					1DP
160	110 23:50:00	31				CFG CODES					1DP
161	111 00:00:00	31				VGR-31 OWLT IS 12H 37M 14S					1L

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT 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	111 18:30:38	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		47025:40:009F	04-111/05:53:24	1ECf
181	111 18:31:22	31				BEGIN RECORDING PWS DATA			47025:40:734F	04-111/05:54:07	1T
182	111 18:31:22	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		47025:40:735F	04-111/05:54:08	1ECd
183	111 18:31:22	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:3 TIC:1147	DTR		47025:40:735F	04-111/05:54:08	1ESd
184	111 18:31:26	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	47025:41:001F	04-111/05:54:11	1ESf
185	111 18:31:26	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		47025:41:002F	04-111/05:54:12	1ECs
186	111 18:31:27	31				B- DRCRUS			47025:41:018F	04-111/05:54:12	1TB
187	111 18:31:27	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		47025:41:026F	04-111/05:54:13	1ECf
188	111 18:32:14	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	47025:42:001F	04-111/05:54:59	1ESf
189	111 18:32:14	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		47025:42:002F	04-111/05:55:00	1ECd

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
190	111 18:32:14	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:1440	DTR		47025:42:002F	04-111/05:55:00	1ESd
191	111 18:32:14	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		47025:42:002F	04-111/05:55:00	1ECs
192	111 18:33:02	31			SC32AJ	(13) PLS CONFIG CMD	FDS		47025:43:010F	04-111/05:55:48	1ECF
193	111 18:33:03	31				END PWSREC.31			47025:43:018F	04-111/05:55:48	1T
194	111 21:35:45	31	60RISE			10.2 DEGREE RISE DSC-60					1V
195	111 21:42:55	31	40 SET			10.2 DEGREE SET DSC-40					1V
196	111 23:00:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9751 (D/L ONLY)					1DP
197	111 23:00:00	31				CFG CODES					1DP
198	112 00:00:00	31				VGR-31 OWLT IS 12H 37M 14S					1L
199	112 05:08:32	31	10RISE			10.2 DEGREE RISE DSC-10					1V
200	112 05:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9751					1DP
201	112 06:20:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9752 (D/L ONLY)					1DP
202	112 06:20:00	31				CFG CODES					1DP
203	112 08:43:32	31	60 SET			15.3 DEGREE SET DSC-60					1V
204	112 12:00:00	31				VGR-31 OWLT IS 12H 37M 14S					1L
205	112 12:37:05	31	40RISE			10.2 DEGREE RISE DSC-40					1V
206	112 15:20:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9752					1DP
207	112 16:36:33	31	10 SET			10.2 DEGREE SET DSC-10					1V
208	112 21:31:46	31	60RISE			10.2 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
209	112 21:38:57	31	40 SET			10.2 DEGREE SET DSC-40					1V
210	112 22:50:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9752 (D/L ONLY)					1DP
211	112 22:50:00	31				CFG CODES					1DP
212	113 00:00:00	31				VGR-31 OWLT IS 12H 37M 14S					1L
213	113 05:04:33	31	10RISE			10.2 DEGREE RISE DSC-10					1V
214	113 05:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9752					1DP
215	113 06:50:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9753 (D/L ONLY)					1DP
216	113 06:50:00	31				CFG CODES					1DP
217	113 08:39:33	31	60 SET			15.3 DEGREE SET DSC-60					1V
218	113 12:00:00	31				VGR-31 OWLT IS 12H 37M 14S					1L
219	113 12:33:08	31	40RISE			10.2 DEGREE RISE DSC-40					1V
220	113 13:00:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9753 (D/L ONLY)					1DP
221	113 13:00:00	31				CFG CODES					1DP
222	113 14:45:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9753					1DP
223	113 15:15:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9753					1DP
224	113 16:32:36	31	10 SET			10.2 DEGREE SET DSC-10					1V
225	113 21:27:48	31	60RISE			10.2 DEGREE RISE DSC-60					1V
226	113 21:34:58	31	40 SET			10.2 DEGREE SET DSC-40					1V
227	113 22:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9753 (D/L ONLY)					1DP
228	113 22:45:00	31				CFG CODES					1DP
229	114 00:00:00	31				VGR-31 OWLT IS 12H 37M 14S					1L

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
230	114 05:00:35	31	10RISE			10.2 DEGREE RISE DSC-10					1V
231	114 06:50:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9754 (D/L ONLY)					1DP
232	114 06:50:00	31				CFG CODES					1DP
233	114 07:10:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9753					1DP
234	114 08:35:34	31	60 SET			15.3 DEGREE SET DSC-60					1V
235	114 12:00:00	31				VGR-31 OWLT IS 12H 37M 15S					1L
236	114 12:29:12	31	40RISE			10.2 DEGREE RISE DSC-40					1V
237	114 15:10:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9754					1DP
238	114 16:28:39	31	10 SET			10.2 DEGREE SET DSC-10					1V
239	114 21:23:49	31	60RISE			10.2 DEGREE RISE DSC-60					1V
240	114 21:29:03	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		47119:23:002F	04-114/08:51:48	1ECd
241	114 21:29:03	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1446	DTR		47119:23:002F	04-114/08:51:48	1ESd
242	114 21:30:59	31	40 SET			10.2 DEGREE SET DSC-40					1V
243	114 22:52:35	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		47121:07:328F	04-114/10:15:19	1ECd
244	114 22:52:35	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3251	DTR		47121:07:328F	04-114/10:15:19	1ESd
245	114 23:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9754 (D/L ONLY)					1DP
246	114 23:30:00	31				CFG CODES					1DP
247	115 00:00:00	31				VGR-31 OWLT IS 12H 37M 15S					1L

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
261	115 00:31:23	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:3251	DTR		47123:10:735F	04-114/11:54:08	1ESd
262	115 00:31:24	31				BEGIN RECORDING PWS DATA			47123:10:751F	04-114/11:54:08	1T
263	115 00:31:27	31		ACE	OPCH	FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	47123:11:001F	04-114/11:54:11	1ESf
264	115 00:31:27	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		47123:11:002F	04-114/11:54:12	1ECs
265	115 00:31:28	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		47123:11:026F	04-114/11:54:13	1ECf
266	115 00:31:29	31				B- DRCRUS			47123:11:034F	04-114/11:54:13	1TB
267	115 00:32:15	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	47123:12:001F	04-114/11:54:59	1ESf
268	115 00:32:15	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		47123:12:002F	04-114/11:55:00	1ECs
269	115 00:32:15	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		47123:12:002F	04-114/11:55:00	1ECd

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
270	115 00:32:15	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:2958	DTR		47123:12:002F	04-114/11:55:00	1ESd
271	115 00:33:03	31			SC32AJ	(13) PLS CONFIG CMD	FDS		47123:13:009F	04-114/11:55:48	1ECf
272	115 00:33:05	31				END PWSREC.31			47123:13:034F	04-114/11:55:49	1T
273	115 02:38:39	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		47125:50:002F	04-114/14:01:24	1ECd
274	115 02:38:39	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2952	DTR		47125:50:002F	04-114/14:01:24	1ESd
275	115 03:48:20	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		47127:17:080F	04-114/15:11:04	1ECd
276	115 03:48:20	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1446	DTR		47127:17:080F	04-114/15:11:04	1ESd
277	115 04:56:37	31	10RISE			10.2 DEGREE RISE DSC-10					1V
278	115 05:38:39	31			CC16C	(7013) DTR STATE SELECT: READY	DTR		47129:35:002F	04-114/17:01:24	1ECd
279	115 05:38:39	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:1446	DTR		47129:35:002F	04-114/17:01:24	1ESd
280	115 07:35:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9755 (D/L ONLY)					1DP
281	115 07:35:00	31				CFG CODES					1DP
282	115 07:55:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9754					1DP
283	115 08:31:35	31	60 SET			15.4 DEGREE SET DSC-60					1V
284	115 12:00:00	31				VGR-31 OWLT IS 12H 37M 15S					1L

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
285	115 12:25:15	31	40RISE			10.2 DEGREE RISE DSC-40					1V
286	115 13:17:51	31			AC7SSB	(4 +154) SS BIAS CONTROL --- YAW	AACS		47139:09:003F	04-115/00:40:36	1ECa
287	115 16:24:42	31	10 SET			10.2 DEGREE SET DSC-10					1V
288	115 16:35:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9755					1DP
289	115 21:19:50	31	60RISE			10.2 DEGREE RISE DSC-60					1V
290	115 21:27:01	31	40 SET			10.2 DEGREE SET DSC-40					1V
291	115 22:15:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9755 (D/L ONLY)					1DP
292	115 22:15:00	31				CFG CODES					1DP
293	116 00:00:00	31				VGR-31 OWLT IS 12H 37M 15S					1L
294	116 04:52:38	31	10RISE			10.2 DEGREE RISE DSC-10					1V
295	116 07:35:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9756 (D/L ONLY)					1DP
296	116 07:35:00	31				CFG CODES					1DP
297	116 07:55:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9755					1DP
298	116 08:27:36	31	60 SET			15.4 DEGREE SET DSC-60					1V
299	116 09:30:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9756 (D/L ONLY)					1DP
300	116 09:30:00	31				CFG CODES					1DP
301	116 09:50:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9756					1DP
302	116 12:00:00	31				VGR-31 OWLT IS 12H 37M 15S					1L
303	116 12:02:39	31			AC7SSB	(3 -008) SS BIAS CONTROL - PITCH	AACS		47167:35:003F	04-115/23:25:24	1ECa
304	116 12:21:19	31	40RISE			10.2 DEGREE RISE DSC-40					1V
305	116 16:20:46	31	10 SET			10.2 DEGREE SET DSC-10					1V
306	116 16:30:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9756					1DP

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
344	118 18:06:41	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		47235:10:009F	04-118/05:29:24	1ECf
345	118 18:07:25	31				BEGIN RECORDING PWS DATA			47235:10:734F	04-118/05:30:07	1T
346	118 18:07:25	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		47235:10:735F	04-118/05:30:08	1ECd
347	118 18:07:25	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:3 TIC:1446	DTR		47235:10:735F	04-118/05:30:08	1ESd
348	118 18:07:29	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	47235:11:001F	04-118/05:30:11	1ESf
349	118 18:07:29	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		47235:11:002F	04-118/05:30:12	1ECs
350	118 18:07:30	31				B- DRCRUS			47235:11:018F	04-118/05:30:12	1TB
351	118 18:07:30	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		47235:11:026F	04-118/05:30:13	1ECf
352	118 18:08:17	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	47235:12:001F	04-118/05:30:59	1ESf

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
353	118 18:08:17	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		47235:12:002F	04-118/05:31:00	1ECs
354	118 18:08:17	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		47235:12:002F	04-118/05:31:00	1ECd
355	118 18:08:17	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:1739	DTR		47235:12:002F	04-118/05:31:00	1ESd
356	118 18:09:05	31			SC32AJ	(13) PLS CONFIG CMD	FDS		47235:13:010F	04-118/05:31:48	1ECf
357	118 18:09:06	31				END PWSREC.31			47235:13:018F	04-118/05:31:48	1T
358	118 21:07:55	31	60RISE			10.2 DEGREE RISE DSC-60					1V
359	118 21:15:05	31	40 SET			10.2 DEGREE SET DSC-40					1V
360	118 22:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9758 (D/L ONLY)					1DP
361	118 22:45:00	31				CFG CODES					1DP
362	119 00:00:00	31				VGR-31 OWLT IS 12H 37M 17S					1L
363	119 04:40:43	31	10RISE			10.2 DEGREE RISE DSC-10					1V
364	119 07:20:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9759 (D/L ONLY)					1DP
365	119 07:20:00	31				CFG CODES					1DP
366	119 07:40:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9758					1DP
367	119 08:15:39	31	60 SET			15.4 DEGREE SET DSC-60					1V
368	119 08:56:17	31				TAPPOS-0210			47253:42:001F	04-118/20:18:59	1T
369	119 08:56:17	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		47253:42:001F	04-118/20:18:59	1ECd

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
456	120 15:42:43	31				B- YAWDB			47292:10:001F	04-120/03:05:23	1TB
457	120 15:42:43	31				YAWDB - .10			47292:10:001F	04-120/03:05:23	1T
458	120 15:42:43	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		47292:10:004F	04-120/03:05:24	1ECa
459	120 16:00:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9760					1DP
460	120 16:04:58	31	10 SET			10.2 DEGREE SET DSC-10					1V
461	120 20:59:57	31	60RISE			10.2 DEGREE RISE DSC-60					1V
462	120 21:07:07	31	40 SET			10.2 DEGREE SET DSC-40					1V
463	120 21:55:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9760 (D/L ONLY)					1DP
464	120 21:55:00	31				CFG CODES					1DP
465	120 23:25:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9760 (D/L ONLY)					1DP
466	120 23:25:00	31				CFG CODES					1DP
467	120 23:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9760					1DP
468	121 00:00:00	31				VGR-31 OWLT IS 12H 37M 19S					1L
469	121 04:32:46	31	10RISE			10.2 DEGREE RISE DSC-10					1V
470	121 06:10:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9761 (D/L ONLY)					1DP
471	121 06:10:00	31				CFG CODES					1DP
472	121 06:30:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9760					1DP
473	121 07:16:19	31				TAPPOS-2045			47311:37:001F	04-120/18:38:59	1T
474	121 07:16:19	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		47311:37:001F	04-120/18:38:59	1ECd
475	121 07:16:19	31				DTR STATUS	DTR		47311:37:001F	04-120/18:38:59	1ESd
						MODE:SLEW RATE:007.2K					
						DIR:F TRK:1 TIC:1976					

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
476	121 07:19:31	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		47311:40:794F	04-120/18:42:11	1ECd
477	121 07:19:31	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2045	DTR		47311:40:794F	04-120/18:42:11	1ESd
478	121 07:37:55	31				B- GYONBC.31			47312:04:001F	04-120/19:00:35	1TB
479	121 07:37:55	31				BEGIN GYONBC31			47312:04:001F	04-120/19:00:35	1T
480	121 07:37:55	31			AC7GYP	(111) DRIRU PATTERN CONTROL GYRO/AXIS=B/PITCH C/YAW & ROLL	AACS		47312:04:003F	04-120/19:00:36	1ECa
481	121 07:37:55	31			CC7GARP	GYRO A OFF	PWR		47312:04:004F	04-120/19:00:36	1ECp
482	121 07:37:55	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS		47312:04:004F	04-120/19:00:36	1ESa
483	121 07:37:55	31			CC7GARP	GYRO A OFF	PWR		47312:04:006F	04-120/19:00:36	1ECp
484	121 07:37:55	31			CC7PC	(352) GYRO A OFF	AACS		47312:04:008F	04-120/19:00:36	1ECa
485	121 07:37:55	31			CC7GCP	GYRO C ON	PWR		47312:04:009F	04-120/19:00:36	1ECp
486	121 07:37:55	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: ON	AACS		47312:04:009F	04-120/19:00:36	1ESa
487	121 07:37:56	31			CC7GCP	GYRO C ON	PWR		47312:04:011F	04-120/19:00:36	1ECp
488	121 07:37:56	31			CC7PC	(373) GYRO C ON	AACS		47312:04:013F	04-120/19:00:36	1ECa
489	121 07:37:56	31			CC7GBP	GYRO B ON	PWR		47312:04:014F	04-120/19:00:36	1ECp

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
490	121 07:37:56	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		47312:04:014F	04-120/19:00:36	1ESa
491	121 07:37:56	31			CC7GBP	GYRO B ON	PWR		47312:04:016F	04-120/19:00:36	1ECp
492	121 07:37:56	31			CC7PC	(363) GYRO B ON	AACS		47312:04:018F	04-120/19:00:36	1ECa
493	121 07:38:24	31				DRIRU INITIALIZATION			47312:04:484F	04-120/19:01:04	1T
494	121 07:38:25	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		47312:04:502F	04-120/19:01:06	1ECa
495	121 07:38:54	31				SET CALIB			47312:05:184F	04-120/19:01:34	1T
496	121 07:38:55	31			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		47312:05:204F	04-120/19:01:36	1ECa
497	121 07:47:54	31				START GYRO FAULT TEST			47312:16:384F	04-120/19:10:34	1T
498	121 07:47:55	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		47312:16:402F	04-120/19:10:36	1ECa
499	121 07:47:56	31				END GYONBC31			47312:16:418F	04-120/19:10:36	1T
500	121 08:07:38	31	60 SET			15.4 DEGREE SET DSC-60					1V
501	121 08:37:55	31				B- CCSTIMB			47313:19:001F	04-120/20:00:35	1TB
502	121 08:37:55	31				EXECUTE CCSTIMB FINE			47313:19:001F	04-120/20:00:35	1T
503	121 10:04:19	31				FWD/TRK 3			47315:07:001F	04-120/21:26:59	1T
504	121 10:04:19	31			CC16C	(7013) DTR STATE SELECT: READY	DTR		47315:07:001F	04-120/21:26:59	1ECd
505	121 10:04:19	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:2045	DTR		47315:07:001F	04-120/21:26:59	1ESd
506	121 12:00:00	31				VGR-31 OWLT IS 12H 37M 19S					1L
507	121 12:01:35	31	40RISE			10.2 DEGREE RISE DSC-40					1V
508	121 14:45:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9761					1DP

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
524	122 00:05:08	31					DTR		47332:38:002F	04-121/11:27:48	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:2952					
525	122 00:05:56	31			SC32AJ	(10) PLS CONFIG CMD	FDS		47332:39:009F	04-121/11:28:36	1ECf
526	122 00:05:57	31				AHEL11 PWSREC 03			47332:39:018F	04-121/11:28:36	1T
527	122 00:05:57	31				B- PWSREC.31			47332:39:018F	04-121/11:28:36	1TB
528	122 00:05:57	31				BEGIN PWSREC.31			47332:39:018F	04-121/11:28:36	1T
529	122 00:06:44	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		47332:40:009F	04-121/11:29:24	1ECf
530	122 00:06:45	31				B- DRGS4B			47332:40:018F	04-121/11:29:24	1TB
531	122 00:07:28	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		47332:40:735F	04-121/11:30:08	1ECd
532	122 00:07:28	31					DTR		47332:40:735F	04-121/11:30:08	1ESd
						DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:2952					
533	122 00:07:29	31				BEGIN RECORDING PWS DATA			47332:40:751F	04-121/11:30:08	1T
534	122 00:07:32	31		ACE OPCH			FDS	GS-4B	47332:41:001F	04-121/11:30:11	1ESf
						FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION					
535	122 00:07:32	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		47332:41:002F	04-121/11:30:12	1ECs

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
536	122 00:07:33	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		47332:41:026F	04-121/11:30:13	1ECf
537	122 00:07:34	31				B- DRCRUS			47332:41:034F	04-121/11:30:13	1TB
538	122 00:08:20	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	47332:42:001F	04-121/11:30:59	1ESf
539	122 00:08:20	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		47332:42:002F	04-121/11:31:00	1ECd
540	122 00:08:20	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:2659	DTR		47332:42:002F	04-121/11:31:00	1ESd
541	122 00:08:20	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		47332:42:002F	04-121/11:31:00	1ECs
542	122 00:09:08	31			SC32AJ	(13) PLS CONFIG CMD	FDS		47332:43:009F	04-121/11:31:48	1ECf
543	122 00:09:10	31				END PWSREC.31			47332:43:034F	04-121/11:31:49	1T
544	122 02:14:44	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		47335:20:002F	04-121/13:37:24	1ECd
545	122 02:14:44	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2653	DTR		47335:20:002F	04-121/13:37:24	1ESd
546	122 02:42:50	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		47335:55:110F	04-121/14:05:30	1ECd
547	122 02:42:50	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2045	DTR		47335:55:110F	04-121/14:05:30	1ESd

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
548	122 04:28:47	31	10RISE			10.2 DEGREE RISE DSC-10					1V
549	122 05:14:44	31			CC16C	(7013) DTR STATE SELECT: READY	DTR		47339:05:002F	04-121/16:37:24	1ECd
550	122 05:14:44	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:2045	DTR	47339:05:002F	04-121/16:37:24	1ESd	
551	122 06:10:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9761					1DP
552	122 06:10:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9762 (D/L ONLY)					1DP
553	122 06:10:00	31				CFG CODES					1DP
554	122 08:03:39	31	60 SET			15.4 DEGREE SET DSC-60					1V
555	122 11:57:38	31	40RISE			10.2 DEGREE RISE DSC-40					1V
556	122 12:00:00	31				VGR-31 OWLT IS 12H 37M 21S					1L
557	122 14:40:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9762					1DP
558	122 15:57:04	31	10 SET			10.2 DEGREE SET DSC-10					1V
559	122 20:52:00	31	60RISE			10.2 DEGREE RISE DSC-60					1V
560	122 20:59:10	31	40 SET			10.2 DEGREE SET DSC-40					1V
561	122 22:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9762 (D/L ONLY)					1DP
562	122 22:45:00	31				CFG CODES					1DP
563	123 00:00:00	31				VGR-31 OWLT IS 12H 37M 21S					1L
564	123 04:24:49	31	10RISE			10.2 DEGREE RISE DSC-10					1V
565	123 07:05:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9763 (D/L ONLY)					1DP
566	123 07:05:00	31				CFG CODES					1DP
567	123 07:25:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9762					1DP

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
568	123 07:59:40	31	60 SET			15.4 DEGREE SET DSC-60					1V
569	123 11:53:41	31	40RISE			10.2 DEGREE RISE DSC-40					1V
570	123 12:00:00	31				VGR-31 OWLT IS 12H 37M 22S					1L
571	123 14:35:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9763					1DP
572	123 15:53:07	31	10 SET			10.2 DEGREE SET DSC-10					1V
573	123 20:48:01	31	60RISE			10.2 DEGREE RISE DSC-60					1V
574	123 20:55:11	31	40 SET			10.2 DEGREE SET DSC-40					1V
575	123 23:05:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9763 (D/L ONLY)					1DP
576	123 23:05:00	31				CFG CODES					1DP
577	124 00:00:00	31				VGR-31 OWLT IS 12H 37M 22S					1L
578	124 04:20:50	31	10RISE			10.2 DEGREE RISE DSC-10					1V
579	124 07:00:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9764 (D/L ONLY)					1DP
580	124 07:00:00	31				CFG CODES					1DP
581	124 07:20:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9763					1DP
582	124 07:55:41	31	60 SET			15.4 DEGREE SET DSC-60					1V
583	124 11:49:44	31	40RISE			10.2 DEGREE RISE DSC-40					1V
584	124 12:00:00	31				VGR-31 OWLT IS 12H 37M 23S					1L
585	124 14:30:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9764					1DP
586	124 15:49:09	31	10 SET			10.2 DEGREE SET DSC-10					1V
587	124 20:44:02	31	60RISE			10.2 DEGREE RISE DSC-60					1V
588	124 20:51:13	31	40 SET			10.2 DEGREE SET DSC-40					1V
589	124 22:50:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9764 (U/L PASS)					1DP

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
603	125 08:38:00	31	14	OPCH 14		START ASCAL =====					1TD
						DSS-14: MONITOR X-BD AGC VARIATIONS DURING ASCAL IF X-BD RCVR DROPS LOCK INITIATE AUTO ACQUIRE					
604	125 08:38:48	31		ACE OPCH			FDS	CE-40	47433:20:001F	04-124/20:01:23	1ESF
						FDS STATUS EL-40/X40/S40 MEM:PA/FDS11					
605	125 08:38:48	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		47433:20:002F	04-124/20:01:24	1ECs
606	125 08:54:00	31				.05 ALL AXES DEADBAND			47433:39:001F	04-124/20:16:35	1T
607	125 08:54:00	31			AC7DDB	(000480) CHG TO .05 DEG DEADBAND	AACS		47433:39:003F	04-124/20:16:36	1ECa
608	125 09:10:00	31			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		47433:59:002F	04-124/20:32:36	1ECa
609	125 09:10:00	31					AACS		47433:59:002F	04-124/20:32:36	1ESa
						AACS STATUS MODE : AAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON					
610	125 09:10:00	31			CC7GARP	GYRO A OFF	PWR		47433:59:003F	04-124/20:32:36	1ECp
611	125 09:10:00	31			CC7GARP	GYRO A OFF	PWR		47433:59:005F	04-124/20:32:36	1ECp
612	125 09:10:00	31			CC7PC	(352) GYRO A OFF	AACS		47433:59:007F	04-124/20:32:36	1ECa
613	125 09:10:00	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		47433:59:008F	04-124/20:32:36	1ECp
614	125 09:10:00	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		47433:59:010F	04-124/20:32:36	1ECp
615	125 09:10:01	31			CC7PC	(312) DUMMY PWR CMD	AACS		47433:59:012F	04-124/20:32:36	1ECa

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
616	125 09:10:47	31	14	OPCH 14		ASCAL =====					1TD
						START YAW DRIFT TURNS					
617	125 09:10:48	31				START FIRST YAW DRIFT TURN			47434:00:001F	04-124/20:33:23	1T
618	125 09:10:48	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		47434:00:003F	04-124/20:33:24	1ECa
619	125 09:14:48	31			AC7PAR	(7015 764220) PARAMETER LOAD	AACS		47434:05:003F	04-124/20:37:24	1ECa
620	125 09:22:48	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		47434:15:003F	04-124/20:45:24	1ECa
621	125 09:26:48	31			AC7PAR	(7015 000000) PARAMETER LOAD	AACS		47434:20:003F	04-124/20:49:24	1ECa
622	125 09:26:48	31	14	OPCH 14		ASCAL =====					1TD
						END YAW DRIFT TURNS					
623	125 09:26:49	31				END THIRD YAW DRIFT TURN			47434:20:018F	04-124/20:49:24	1T
624	125 09:27:35	31	14	OPCH 14		ASCAL =====					1TD
						START PITCH DRIFT TURNS					
625	125 09:27:36	31				START FIRST PITCH DRIFT TURN			47434:21:001F	04-124/20:50:11	1T
626	125 09:27:36	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		47434:21:003F	04-124/20:50:12	1ECa
627	125 09:31:36	31			AC7PAR	(7014 764220) PARAMETER LOAD	AACS		47434:26:003F	04-124/20:54:12	1ECa
628	125 09:39:36	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		47434:36:003F	04-124/21:02:12	1ECa
629	125 09:43:36	31			AC7PAR	(7014 000000) PARAMETER LOAD	AACS		47434:41:003F	04-124/21:06:12	1ECa
630	125 09:43:36	31	14	OPCH 14		ASCAL =====					1TD
						END PITCH DRIFT TURNS					

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
647	125 09:47:53	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		47434:46:288F	04-124/21:10:29	1ECp
648	125 09:47:53	31			CC7PC	(312) DUMMY PWR CMD	AACS		47434:46:290F	04-124/21:10:29	1ECa
649	125 09:50:00	31				B- DRCRUS			47434:49:001F	04-124/21:12:35	1TB
650	125 09:50:00	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		47434:49:009F	04-124/21:12:36	1ECf
651	125 09:50:48	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	47434:50:001F	04-124/21:13:23	1ESf
652	125 09:50:48	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		47434:50:002F	04-124/21:13:24	1ECs
653	125 09:56:24	31				B- YAWDB			47434:57:001F	04-124/21:18:59	1TB
654	125 09:56:24	31				YAWDB - .10			47434:57:001F	04-124/21:18:59	1T
655	125 09:56:24	31				B- ROLLDB			47434:57:001F	04-124/21:18:59	1TB
656	125 09:56:24	31				ROLLDB - .25			47434:57:001F	04-124/21:18:59	1T
657	125 09:56:24	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		47434:57:003F	04-124/21:19:00	1ECa
658	125 09:56:24	31			AC7PAR	(6742 004540) +ROLL DB=.25 DEG	AACS		47434:57:005F	04-124/21:19:00	1ECa
659	125 09:56:25	31	14	OPCH 14		END ASCAL					1TD
660	125 09:58:00	31				RESTART GYRO FAULT TEST			47434:59:001F	04-124/21:20:35	1T
661	125 09:58:00	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		47434:59:001F	04-124/21:20:35	1ECa
662	125 11:45:47	31	40RISE			10.2 DEGREE RISE DSC-40					1V
663	125 12:00:00	31				VGR-31 OWLT IS 12H 37M 25S					1L

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
677	125 17:43:37	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	47444:41:001F	04-125/05:06:11	1ESf
678	125 17:43:37	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		47444:41:002F	04-125/05:06:12	1ECs
679	125 17:43:38	31				B- DRCRUS			47444:41:018F	04-125/05:06:12	1TB
680	125 17:43:38	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		47444:41:026F	04-125/05:06:13	1ECf
681	125 17:44:25	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	47444:42:001F	04-125/05:06:59	1ESf
682	125 17:44:25	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		47444:42:002F	04-125/05:07:00	1ECs
683	125 17:44:25	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		47444:42:002F	04-125/05:07:00	1ECd
684	125 17:44:25	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:2338	DTR		47444:42:002F	04-125/05:07:00	1ESd
685	125 17:45:13	31			SC32AJ	(13) PLS CONFIG CMD	FDS		47444:43:009F	04-125/05:07:48	1ECf
686	125 17:45:14	31				END PWSREC.31			47444:43:018F	04-125/05:07:48	1T
687	125 20:40:04	31	60RISE			10.2 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
688	125 20:47:14	31	40 SET			10.2 DEGREE SET DSC-40					1V
689	125 22:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9765 (D/L ONLY)					1DP
690	125 22:45:00	31				CFG CODES					1DP
691	126 00:00:00	31				VGR-31 OWLT IS 12H 37M 25S					1L
692	126 04:12:53	31	10RISE			10.2 DEGREE RISE DSC-10					1V
693	126 06:20:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9766 (D/L ONLY)					1DP
694	126 06:20:00	31				CFG CODES					1DP
695	126 06:40:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9765					1DP
696	126 07:47:43	31	60 SET			15.4 DEGREE SET DSC-60					1V
697	126 11:41:50	31	40RISE			10.2 DEGREE RISE DSC-40					1V
698	126 12:00:00	31				VGR-31 OWLT IS 12H 37M 26S					1L
699	126 14:15:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9766					1DP
700	126 15:41:15	31	10 SET			10.2 DEGREE SET DSC-10					1V
701	126 20:36:05	31	60RISE			10.2 DEGREE RISE DSC-60					1V
702	126 20:43:15	31	40 SET			10.2 DEGREE SET DSC-40					1V
703	126 22:35:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9766 (D/L ONLY)					1DP
704	126 22:35:00	31				CFG CODES					1DP
705	127 00:00:00	31				VGR-31 OWLT IS 12H 37M 27S					1L
706	127 04:08:54	31	10RISE			10.2 DEGREE RISE DSC-10					1V
707	127 05:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9766					1DP
708	127 06:05:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9767 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
743	128 08:48:06	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		47523:31:427F	04-127/20:10:37	1ECp
744	128 08:48:07	31			CC7PC	(312) DUMMY PWR CMD	AACS		47523:31:429F	04-127/20:10:37	1ECa
745	128 08:51:06	31			AC7TCD	(322 033478) TURN COMMAND AXIS=ROLL POL=NEG RNG SCALE=X10	AACS		47523:35:220F	04-127/20:13:37	1ECa
746	128 11:33:55	31	40RISE			10.2 DEGREE RISE DSC-40					1V
747	128 12:00:00	31				VGR-31 OWLT IS 12H 37M 29S					1L
748	128 13:19:19	31			SC32AJ	(10) PLS CONFIG CMD	FDS		47529:10:426F	04-128/00:41:49	1ECf
749	128 13:52:50	31			SC32AJ	(11) PLS CONFIG CMD	FDS		47529:52:342F	04-128/01:15:20	1ECf
750	128 14:27:54	31				ROLL TURN COMPLETE (NOMINAL)			47530:36:201F	04-128/01:50:23	1T
751	128 14:27:54	31			CC7PC	(345) CMDED TURN COMPLETE	AACS		47530:36:200F	04-128/01:50:23	1ECa
752	128 14:30:07	31			SC32AJ	(13) PLS CONFIG CMD	FDS		47530:39:026F	04-128/01:52:37	1ECf
753	128 14:39:07	31				RESET CALIB			47530:50:218F	04-128/02:01:36	1T
754	128 14:39:07	31			AC7PAR	(7530 000000) PARAMETER LOAD	AACS		47530:50:220F	04-128/02:01:37	1ECa
755	128 14:39:37	31			CC7SS	(1) SS SEARCH ENABLE	AACS		47530:50:719F	04-128/02:02:07	1ECa
756	128 14:39:37	31				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS	47530:50:719F	04-128/02:02:07	1ESa	
757	128 14:39:37	31			CC7PC	(327) IDET ACQUIRED	AACS		47530:50:719F	04-128/02:02:07	1ECa
758	128 14:39:37	31			CC7GARP	GYRO A OFF	PWR		47530:50:720F	04-128/02:02:07	1ECp
759	128 14:39:37	31			CC7GARP	GYRO A OFF	PWR		47530:50:722F	04-128/02:02:07	1ECp
760	128 14:39:37	31			CC7PC	(352) GYRO A OFF	AACS		47530:50:724F	04-128/02:02:07	1ECa
761	128 14:39:37	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		47530:50:725F	04-128/02:02:07	1ECp
762	128 14:39:37	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		47530:50:727F	04-128/02:02:07	1ECp

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT 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	128 14:39:38	31			CC7PC	(312) DUMMY PWR CMD	AACS		47530:50:729F	04-128/02:02:07	1ECa
764	128 14:45:37	31			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		47530:58:319F	04-128/02:08:07	1ECa
765	128 14:46:42	31				GYROS OFF			47530:59:601F	04-128/02:09:11	1T
766	128 14:46:42	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		47530:59:602F	04-128/02:09:12	1ESa
767	128 14:46:42	31			CC7PC	(307) STAR ACQUIRED	AACS		47530:59:602F	04-128/02:09:12	1ECa
768	128 14:46:42	31			CC7GCRP	GYRO C OFF	PWR		47530:59:603F	04-128/02:09:12	1ECp
769	128 14:46:42	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		47530:59:603F	04-128/02:09:12	1ESa
770	128 14:46:42	31			CC7GCRP	GYRO C OFF	PWR		47530:59:605F	04-128/02:09:12	1ECp
771	128 14:46:42	31			CC7PC	(372) GYRO C OFF	AACS		47530:59:607F	04-128/02:09:12	1ECa
772	128 14:46:42	31			CC7GBRP	GYRO B OFF	PWR		47530:59:608F	04-128/02:09:12	1ECp
773	128 14:46:42	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS		47530:59:608F	04-128/02:09:12	1ESa
774	128 14:46:42	31			CC7GBRP	GYRO B OFF	PWR		47530:59:610F	04-128/02:09:12	1ECp
775	128 14:46:43	31			CC7PC	(362) GYRO B OFF	AACS		47530:59:612F	04-128/02:09:12	1ECa
776	128 14:46:43	31			CC7GARP	GYRO A OFF	PWR		47530:59:613F	04-128/02:09:12	1ECp
777	128 14:46:43	31			CC7GARP	GYRO A OFF	PWR		47530:59:615F	04-128/02:09:12	1ECp
778	128 14:46:43	31			CC7PC	(352) GYRO A OFF	AACS		47530:59:617F	04-128/02:09:12	1ECa

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
808	128 23:41:18	31					DTR		47542:08:002F	04-128/11:03:48	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:2653					
809	128 23:42:06	31			SC32AJ	(10) PLS CONFIG CMD	FDS		47542:09:009F	04-128/11:04:36	1ECf
810	128 23:42:07	31				AHEL11 PWSREC 04			47542:09:018F	04-128/11:04:36	1T
811	128 23:42:07	31				B- PWSREC.31			47542:09:018F	04-128/11:04:36	1TB
812	128 23:42:07	31				BEGIN PWSREC.31			47542:09:018F	04-128/11:04:36	1T
813	128 23:42:54	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		47542:10:009F	04-128/11:05:24	1ECf
814	128 23:42:55	31				B- DRGS4B			47542:10:018F	04-128/11:05:24	1TB
815	128 23:43:38	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		47542:10:735F	04-128/11:06:08	1ECd
816	128 23:43:38	31					DTR		47542:10:735F	04-128/11:06:08	1ESd
						DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:2653					
817	128 23:43:39	31				BEGIN RECORDING PWS DATA			47542:10:751F	04-128/11:06:08	1T
818	128 23:43:42	31		ACE OPCH			FDS	GS-4B	47542:11:001F	04-128/11:06:11	1ESf
						FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION					
819	128 23:43:42	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		47542:11:002F	04-128/11:06:12	1ECs

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
820	128 23:43:43	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		47542:11:026F	04-128/11:06:13	1ECf
821	128 23:43:44	31				B- DRCSR			47542:11:034F	04-128/11:06:13	1TB
822	128 23:44:30	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	47542:12:001F	04-128/11:06:59	1ESf
823	128 23:44:30	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		47542:12:002F	04-128/11:07:00	1ECd
824	128 23:44:30	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:2360	DTR		47542:12:002F	04-128/11:07:00	1ESd
825	128 23:44:30	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		47542:12:002F	04-128/11:07:00	1ECs
826	128 23:45:18	31			SC32AJ	(13) PLS CONFIG CMD	FDS		47542:13:009F	04-128/11:07:48	1ECf
827	128 23:45:20	31				END PWSREC.31			47542:13:034F	04-128/11:07:49	1T
828	129 00:00:00	31				VGR-31 OWLT IS 12H 37M 30S					1L
829	129 01:50:54	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		47544:50:002F	04-128/13:13:24	1ECd
830	129 01:50:54	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2354	DTR		47544:50:002F	04-128/13:13:24	1ESd
831	129 01:51:19	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		47544:50:426F	04-128/13:13:49	1ECd

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
832	129 01:51:19	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2344	DTR		47544:50:426F	04-128/13:13:49	1ESd
833	129 04:00:57	31	10RISE			10.2 DEGREE RISE DSC-10					1V
834	129 04:50:55	31			CC16C	(7013) DTR STATE SELECT: READY	DTR		47548:35:002F	04-128/16:13:24	1ECd
835	129 04:50:55	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:2344	DTR		47548:35:002F	04-128/16:13:24	1ESd
836	129 06:40:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9769 (D/L ONLY)					1DP
837	129 06:40:00	31				CFG CODES					1DP
838	129 07:00:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9768					1DP
839	129 07:35:46	31	60 SET			15.5 DEGREE SET DSC-60					1V
840	129 11:29:58	31	40RISE			10.2 DEGREE RISE DSC-40					1V
841	129 12:00:00	31				VGR-31 OWLT IS 12H 37M 31S					1L
842	129 12:47:43	31			AC7SSB	(3 -007) SS BIAS CONTROL - PITCH	AACS		47558:31:002F	04-129/00:10:12	1ECa
843	129 14:10:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9769					1DP
844	129 15:29:23	31	10 SET			10.2 DEGREE SET DSC-10					1V
845	129 20:24:09	31	60RISE			10.2 DEGREE RISE DSC-60					1V
846	129 20:31:19	31	40 SET			10.2 DEGREE SET DSC-40					1V
847	129 21:30:08	31			AC7SSB	(4 +151) SS BIAS CONTROL --- YAW	AACS		47569:24:003F	04-129/08:52:36	1ECa
848	129 22:35:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9769 (D/L ONLY)					1DP
849	129 22:35:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
850	130 00:00:00	31				VGR-31 OWLT IS 12H 37M 32S					1L
851	130 03:56:58	31	10RISE			10.2 DEGREE RISE DSC-10					1V
852	130 06:05:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9770 (D/L ONLY)					1DP
853	130 06:05:00	31				CFG CODES					1DP
854	130 06:25:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9769					1DP
855	130 07:31:47	31	60 SET			15.5 DEGREE SET DSC-60					1V
856	130 11:26:01	31	40RISE			10.2 DEGREE RISE DSC-40					1V
857	130 12:00:00	31				VGR-31 OWLT IS 12H 37M 33S					1L
858	130 14:05:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9770					1DP
859	130 15:25:26	31	10 SET			10.2 DEGREE SET DSC-10					1V
860	130 20:10:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9770 (D/L ONLY)					1DP
861	130 20:10:00	31				CFG CODES					1DP
862	130 20:20:10	31	60RISE			10.2 DEGREE RISE DSC-60					1V
863	130 20:27:20	31	40 SET			10.2 DEGREE SET DSC-40					1V
864	131 00:00:00	31				VGR-31 OWLT IS 12H 37M 34S					1L
865	131 01:10:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9770 (D/L ONLY)					1DP
866	131 01:10:00	31				CFG CODES					1DP
867	131 01:30:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9770					1DP
868	131 03:53:00	31	10RISE			10.2 DEGREE RISE DSC-10					1V
869	131 06:35:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9771 (D/L ONLY)					1DP
870	131 06:35:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
871	131 06:55:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9770					1DP
872	131 07:27:47	31	60 SET			15.5 DEGREE SET DSC-60					1V
873	131 11:22:04	31	40RISE			10.2 DEGREE RISE DSC-40					1V
874	131 12:00:00	31				VGR-31 OWLT IS 12H 37M 35S					1L
875	131 13:01:23	31				B- RPLY14.31			47618:48:001F	04-131/00:23:47	1TB
876	131 13:01:23	31				BEGIN REPLAY31			47618:48:001F	04-131/00:23:47	1T
877	131 13:01:23	31				BEGIN TAPPOS			47618:48:001F	04-131/00:23:47	1T
878	131 13:01:23	31				TAPPOS TO 3243			47618:48:001F	04-131/00:23:47	1T
879	131 13:01:23	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		47618:48:002F	04-131/00:23:48	1ECd
880	131 13:01:23	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:2344	DTR		47618:48:002F	04-131/00:23:48	1ESd
881	131 13:42:58	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		47619:39:784F	04-131/01:05:22	1ECd
882	131 13:42:58	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3243	DTR		47619:39:784F	04-131/01:05:22	1ESd
883	131 14:05:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9771					1DP
884	131 15:21:28	31	10 SET			10.2 DEGREE SET DSC-10					1V
885	131 20:16:11	31	60RISE			10.2 DEGREE RISE DSC-60					1V
886	131 20:23:21	31	40 SET			10.2 DEGREE SET DSC-40					1V
887	131 22:45:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9771 (U/L PASS)					1DP
888	132 00:00:00	31				VGR-31 OWLT IS 12H 37M 36S					1L
889	132 03:49:01	31	10RISE			10.2 DEGREE RISE DSC-10					1V

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
915	132 10:17:25	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		47645:23:002F	04-131/21:39:47	1ECs
916	132 10:17:25	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		47645:23:002F	04-131/21:39:48	1ECd
917	132 10:17:25	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:0540	DTR		47645:23:002F	04-131/21:39:48	1ESd
918	132 10:17:25	31			CC6AD	(3 2 0 0) SVC-W4 FDS MEM B WRT PROTECT	FDS		47645:23:002F	04-131/21:39:48	1ECf
919	132 10:17:25	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	47645:23:002F	04-131/21:39:48	1ESf
920	132 10:17:26	31				END PLAYBACK			47645:23:018F	04-131/21:39:48	1T
921	132 10:27:01	31				YAWDB - .10			47645:35:001F	04-131/21:49:23	1T
922	132 10:27:01	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		47645:35:004F	04-131/21:49:24	1ECa
923	132 11:18:06	31	40RISE			10.2 DEGREE RISE DSC-40					1V
924	132 12:00:00	31				VGR-31 OWLT IS 12H 37M 37S					1L
925	132 13:00:38	31				BEGIN TAPPOS			47648:47:001F	04-132/00:22:59	1T
926	132 13:00:38	31				TAPPOS TO 2338			47648:47:001F	04-132/00:22:59	1T
927	132 13:00:38	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		47648:47:002F	04-132/00:22:59	1ECd
928	132 13:00:38	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0540	DTR		47648:47:002F	04-132/00:22:59	1ESd
929	132 14:23:49	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		47650:30:786F	04-132/01:46:11	1ECd

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
943	132 17:19:02	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		47654:10:009F	04-132/04:41:24	1ECf
944	132 17:19:46	31				BEGIN RECORDING PWS DATA			47654:10:734F	04-132/04:42:07	1T
945	132 17:19:46	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		47654:10:735F	04-132/04:42:08	1ECd
946	132 17:19:46	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:3 TIC:2337	DTR		47654:10:735F	04-132/04:42:08	1ESd
947	132 17:19:50	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	47654:11:001F	04-132/04:42:11	1ESf
948	132 17:19:50	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		47654:11:002F	04-132/04:42:12	1ECs
949	132 17:19:51	31				B- DRCRUS			47654:11:018F	04-132/04:42:12	1TB
950	132 17:19:51	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		47654:11:026F	04-132/04:42:13	1ECf
951	132 17:20:38	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	47654:12:001F	04-132/04:42:59	1ESf

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
952	132 17:20:38	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		47654:12:002F	04-132/04:43:00	1ECs
953	132 17:20:38	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		47654:12:002F	04-132/04:43:00	1ECd
954	132 17:20:38	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:2629	DTR		47654:12:002F	04-132/04:43:00	1ESd
955	132 17:21:26	31			SC32AJ	(13) PLS CONFIG CMD	FDS		47654:13:009F	04-132/04:43:48	1ECF
956	132 17:21:27	31				END PWSREC.31			47654:13:018F	04-132/04:43:48	1T
957	132 20:12:12	31	60RISE			10.2 DEGREE RISE DSC-60					1V
958	132 20:19:23	31	40 SET			10.2 DEGREE SET DSC-40					1V
959	132 22:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9772 (D/L ONLY)					1DP
960	132 22:45:00	31				CFG CODES					1DP
961	133 00:00:00	31				VGR-31 OWLT IS 12H 37M 39S					1L
962	133 03:45:03	31	10RISE			10.2 DEGREE RISE DSC-10					1V
963	133 06:45:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9772					1DP
964	133 07:05:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9773 (D/L ONLY)					1DP
965	133 07:05:00	31				CFG CODES					1DP
966	133 07:19:49	31	60 SET			15.5 DEGREE SET DSC-60					1V
967	133 11:14:09	31	40RISE			10.2 DEGREE RISE DSC-40					1V
968	133 12:00:00	31				VGR-31 OWLT IS 12H 37M 40S					1L
969	133 13:55:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9773					1DP
970	133 15:13:33	31	10 SET			10.2 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
992	134 16:14:19	31			AC7SSB	(4 +150) SS BIAS CONTROL --- YAW	AACS		47712:49:003F	04-134/03:36:36	1ECa
993	134 17:10:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-9774					1DP
994	134 20:04:15	31	60RISE			10.2 DEGREE RISE DSC-60					1V
995	134 20:11:25	31	40 SET			10.2 DEGREE SET DSC-40					1V
996	134 22:25:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9774 (D/L ONLY)					1DP
997	134 22:25:00	31				CFG CODES					1DP
998	135 00:00:00	31				VGR-31 OWLT IS 12H 37M 43S					1L
999	135 03:37:05	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1000	135 06:20:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9775 (D/L ONLY)					1DP
1001	135 06:20:00	31				CFG CODES					1DP
1002	135 06:40:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9774					1DP
1003	135 07:11:51	31	60 SET			15.5 DEGREE SET DSC-60					1V
1004	135 11:06:14	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1005	135 12:00:00	31				VGR-31 OWLT IS 12H 37M 45S					1L
1006	135 13:45:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9775					1DP
1007	135 15:05:38	31	10 SET			10.2 DEGREE SET DSC-10					1V
1008	135 20:00:16	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1009	135 20:07:26	31	40 SET			10.2 DEGREE SET DSC-40					1V
1010	135 20:17:33	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		47747:53:002F	04-135/07:39:48	1ECd
1011	135 20:17:33	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2636	DTR		47747:53:002F	04-135/07:39:48	1ESd

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1026	135 23:19:10	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		47751:40:009F	04-135/10:41:24	1ECf
1027	135 23:19:11	31				B- DRGS4B			47751:40:018F	04-135/10:41:24	1TB
1028	135 23:19:54	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		47751:40:735F	04-135/10:42:08	1ECd
1029	135 23:19:54	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:2353	DTR		47751:40:735F	04-135/10:42:08	1ESd
1030	135 23:19:55	31				BEGIN RECORDING PWS DATA			47751:40:751F	04-135/10:42:08	1T
1031	135 23:19:58	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	47751:41:001F	04-135/10:42:11	1ESf
1032	135 23:19:58	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		47751:41:002F	04-135/10:42:11	1ECs
1033	135 23:19:59	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		47751:41:026F	04-135/10:42:13	1ECf
1034	135 23:20:00	31				B- DRCRUS			47751:41:034F	04-135/10:42:13	1TB
1035	135 23:20:46	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	47751:42:001F	04-135/10:42:59	1ESf

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1036	135 23:20:46	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		47751:42:002F	04-135/10:42:59	1ECs
1037	135 23:20:46	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		47751:42:002F	04-135/10:43:00	1ECd
1038	135 23:20:46	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:2061	DTR		47751:42:002F	04-135/10:43:00	1ESd
1039	135 23:21:34	31			SC32AJ	(13) PLS CONFIG CMD	FDS		47751:43:009F	04-135/10:43:48	1ECf
1040	135 23:21:36	31				END PWSREC.31			47751:43:034F	04-135/10:43:49	1T
1041	136 00:00:00	31				VGR-31 OWLT IS 12H 37M 46S					1L
1042	136 01:27:10	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		47754:20:002F	04-135/12:49:24	1ECd
1043	136 01:27:10	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:2054	DTR		47754:20:002F	04-135/12:49:24	1ESd
1044	136 01:54:05	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		47754:53:514F	04-135/13:16:18	1ECd
1045	136 01:54:05	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2636	DTR		47754:53:514F	04-135/13:16:18	1ESd
1046	136 03:33:07	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1047	136 04:27:10	31			CC16C	(7013) DTR STATE SELECT: READY	DTR		47758:05:002F	04-135/15:49:24	1ECd
1048	136 04:27:10	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:2636	DTR		47758:05:002F	04-135/15:49:24	1ESd
1049	136 06:15:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9776 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1050	136 06:15:00	31				CFG CODES					1DP
1051	136 06:35:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9775					1DP
1052	136 07:07:52	31	60 SET			15.5 DEGREE SET DSC-60					1V
1053	136 11:02:17	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1054	136 12:00:00	31				VGR-31 OWLT IS 12H 37M 47S					1L
1055	136 13:45:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9776					1DP
1056	136 15:01:41	31	10 SET			10.2 DEGREE SET DSC-10					1V
1057	136 19:56:17	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1058	136 20:03:27	31	40 SET			10.2 DEGREE SET DSC-40					1V
1059	136 22:10:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9776 (D/L ONLY)					1DP
1060	136 22:10:00	31				CFG CODES					1DP
1061	137 00:00:00	31				VGR-31 OWLT IS 12H 37M 49S					1L
1062	137 02:18:25	31			AC7SSB	(3 -006) SS BIAS CONTROL - PITCH	AACS		47785:24:003F	04-136/13:40:36	1ECa
1063	137 03:29:08	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1064	137 05:55:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9777 (D/L ONLY)					1DP
1065	137 05:55:00	31				CFG CODES					1DP
1066	137 06:15:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9776					1DP
1067	137 07:03:53	31	60 SET			15.5 DEGREE SET DSC-60					1V
1068	137 10:58:19	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1069	137 12:00:00	31				VGR-31 OWLT IS 12H 37M 50S					1L
1070	137 13:40:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9777					1DP
1071	137 14:57:43	31	10 SET			10.2 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1072	137 19:52:19	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1073	137 19:59:29	31	40 SET			10.2 DEGREE SET DSC-40					1V
1074	137 23:35:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9777 (U/L PASS)					1DP
1075	138 00:00:00	31				VGR-31 OWLT IS 12H 37M 51S					1L
1076	138 03:25:09	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1077	138 06:59:54	31	60 SET			15.5 DEGREE SET DSC-60					1V
1078	138 07:15:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9778 (D/L ONLY)					1DP
1079	138 07:15:00	31				CFG CODES					1DP
1080	138 07:35:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9777					1DP
1081	138 10:54:22	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1082	138 12:00:00	31				VGR-31 OWLT IS 12H 37M 53S					1L
1083	138 13:35:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9778					1DP
1084	138 14:53:45	31	10 SET			10.2 DEGREE SET DSC-10					1V
1085	138 19:48:20	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1086	138 19:55:30	31	40 SET			10.2 DEGREE SET DSC-40					1V
1087	138 22:20:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9778 (D/L ONLY)					1DP
1088	138 22:20:00	31				CFG CODES					1DP
1089	139 00:00:00	31				VGR-31 OWLT IS 12H 37M 54S					1L
1090	139 03:21:11	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1091	139 05:25:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9779 (D/L ONLY)					1DP
1092	139 05:25:00	31				CFG CODES					1DP
1093	139 05:45:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9778					1DP

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1110	139 16:56:04	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:3 TIC:2636	DTR		47863:40:735F	04-139/04:18:08	1ESd
1111	139 16:56:08	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	47863:41:001F	04-139/04:18:11	1ESf
1112	139 16:56:08	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		47863:41:002F	04-139/04:18:11	1ECs
1113	139 16:56:09	31				B- DRCRUS			47863:41:018F	04-139/04:18:12	1TB
1114	139 16:56:09	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		47863:41:026F	04-139/04:18:13	1ECf
1115	139 16:56:56	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	47863:42:001F	04-139/04:18:59	1ESf
1116	139 16:56:56	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		47863:42:002F	04-139/04:18:59	1ECs
1117	139 16:56:56	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		47863:42:002F	04-139/04:19:00	1ECd
1118	139 16:56:56	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:2928	DTR		47863:42:002F	04-139/04:19:00	1ESd

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1119	139 16:57:44	31			SC32AJ	(13) PLS CONFIG CMD	FDS		47863:43:009F	04-139/04:19:48	1ECf
1120	139 16:57:45	31				END PWSREC.31			47863:43:018F	04-139/04:19:48	1T
1121	139 19:44:21	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1122	139 19:51:31	31	40 SET			10.2 DEGREE SET DSC-40					1V
1123	139 22:05:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9779 (D/L ONLY)					1DP
1124	139 22:05:00	31				CFG CODES					1DP
1125	140 00:00:00	31				VGR-31 OWLT IS 12H 37M 57S					1L
1126	140 03:17:12	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1127	140 06:00:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9780 (D/L ONLY)					1DP
1128	140 06:00:00	31				CFG CODES					1DP
1129	140 06:15:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9779					1DP
1130	140 06:51:56	31	60 SET			15.5 DEGREE SET DSC-60					1V
1131	140 10:46:27	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1132	140 12:00:00	31				VGR-31 OWLT IS 12H 37M 59S					1L
1133	140 13:30:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9780					1DP
1134	140 14:45:50	31	10 SET			10.2 DEGREE SET DSC-10					1V
1135	140 19:40:22	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1136	140 19:47:32	31	40 SET			10.2 DEGREE SET DSC-40					1V
1137	140 22:20:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9780 (D/L ONLY)					1DP
1138	140 22:20:00	31				CFG CODES					1DP
1139	141 00:00:00	31				VGR-31 OWLT IS 12H 38M 00S					1L
1140	141 03:13:13	31	10RISE			10.2 DEGREE RISE DSC-10					1V

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1141	141 05:55:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9781 (D/L ONLY)					1DP
1142	141 05:55:00	31				CFG CODES					1DP
1143	141 06:15:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9780					1DP
1144	141 06:47:57	31	60 SET			15.5 DEGREE SET DSC-60					1V
1145	141 10:42:29	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1146	141 12:00:00	31				VGR-31 OWLT IS 12H 38M 02S					1L
1147	141 13:25:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9781					1DP
1148	141 14:41:52	31	10 SET			10.2 DEGREE SET DSC-10					1V
1149	141 19:36:24	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1150	141 19:43:34	31	40 SET			10.2 DEGREE SET DSC-40					1V
1151	141 22:20:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9781 (D/L ONLY)					1DP
1152	141 22:20:00	31				CFG CODES					1DP
1153	142 00:00:00	31				VGR-31 OWLT IS 12H 38M 04S					1L
1154	142 03:09:15	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1155	142 04:14:40	31			AC7SSB	(3 -005) SS BIAS CONTROL - PITCH	AACS		47937:49:003F	04-141/15:36:36	1Eca
1156	142 06:10:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9781					1DP
1157	142 06:43:58	31	60 SET			15.5 DEGREE SET DSC-60					1V
1158	142 07:30:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9782 (D/L ONLY)					1DP
1159	142 07:30:00	31				CFG CODES					1DP
1160	142 10:38:31	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1161	142 12:00:00	31				VGR-31 OWLT IS 12H 38M 05S					1L
1162	142 13:20:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9782					1DP

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1177	142 22:53:55	31					DTR		47961:08:002F	04-142/10:15:48	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:2054					
1178	142 22:54:43	31			SC32AJ	(10) PLS CONFIG CMD	FDS		47961:09:009F	04-142/10:16:36	1ECf
1179	142 22:54:44	31				AHEL11 PWSREC 06			47961:09:018F	04-142/10:16:36	1T
1180	142 22:54:44	31				B- PWSREC.31			47961:09:018F	04-142/10:16:36	1TB
1181	142 22:54:44	31				BEGIN PWSREC.31			47961:09:018F	04-142/10:16:36	1T
1182	142 22:55:31	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		47961:10:009F	04-142/10:17:24	1ECf
1183	142 22:55:32	31				B- DRGS4B			47961:10:018F	04-142/10:17:24	1TB
1184	142 22:56:15	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		47961:10:735F	04-142/10:18:08	1ECd
1185	142 22:56:15	31					DTR		47961:10:735F	04-142/10:18:08	1ESd
						DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:2054					
1186	142 22:56:16	31				BEGIN RECORDING PWS DATA			47961:10:751F	04-142/10:18:08	1T
1187	142 22:56:19	31		ACE OPCH			FDS	GS-4B	47961:11:001F	04-142/10:18:11	1ESf
						FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION					
1188	142 22:56:19	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		47961:11:002F	04-142/10:18:11	1ECs

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1189	142 22:56:20	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		47961:11:026F	04-142/10:18:13	1ECf
1190	142 22:56:21	31				B- DRCRUS			47961:11:034F	04-142/10:18:13	1TB
1191	142 22:57:07	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	47961:12:001F	04-142/10:18:59	1ESf
1192	142 22:57:07	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		47961:12:002F	04-142/10:18:59	1ECs
1193	142 22:57:07	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		47961:12:002F	04-142/10:19:00	1ECd
1194	142 22:57:07	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:1762	DTR		47961:12:002F	04-142/10:19:00	1ESd
1195	142 22:57:55	31			SC32AJ	(13) PLS CONFIG CMD	FDS		47961:13:009F	04-142/10:19:48	1ECf
1196	142 22:57:57	31				END PWSREC.31			47961:13:034F	04-142/10:19:49	1T
1197	143 00:00:00	31				VGR-31 OWLT IS 12H 38M 07S					1L
1198	143 01:03:31	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		47963:50:002F	04-142/12:25:24	1ECd
1199	143 01:03:31	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1755	DTR		47963:50:002F	04-142/12:25:24	1ESd
1200	143 01:58:07	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		47964:58:199F	04-142/13:19:59	1ECd

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT 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	143 01:58:07	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2935	DTR		47964:58:199F	04-142/13:19:59	1ESd
1202	143 03:05:16	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1203	143 04:03:32	31			CC16C	(7013) DTR STATE SELECT: READY	DTR		47967:35:002F	04-142/15:25:24	1ECd
1204	143 04:03:32	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:2935	DTR		47967:35:002F	04-142/15:25:24	1ESd
1205	143 04:25:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9782					1DP
1206	143 05:45:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9783 (D/L ONLY)					1DP
1207	143 05:45:00	31				CFG CODES					1DP
1208	143 06:39:59	31	60 SET			15.5 DEGREE SET DSC-60					1V
1209	143 10:34:34	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1210	143 12:00:00	31				VGR-31 OWLT IS 12H 38M 09S					1L
1211	143 13:15:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9783					1DP
1212	143 14:33:57	31	10 SET			10.2 DEGREE SET DSC-10					1V
1213	143 19:28:26	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1214	143 19:35:36	31	40 SET			10.2 DEGREE SET DSC-40					1V
1215	143 22:05:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9783 (D/L ONLY)					1DP
1216	143 22:05:00	31				CFG CODES					1DP
1217	144 00:00:00	31				VGR-31 OWLT IS 12H 38M 11S					1L
1218	144 03:01:17	31	10RISE			10.2 DEGREE RISE DSC-10					1V

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT 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	144 05:42:47	31			AC7SSB	(4 +148) SS BIAS CONTROL --- YAW	AACS		47999:39:003F	04-143/17:04:36	1ECa
1220	144 05:45:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9784 (D/L ONLY)					1DP
1221	144 05:45:00	31				CFG CODES					1DP
1222	144 06:05:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9783					1DP
1223	144 06:36:00	31	60 SET			15.5 DEGREE SET DSC-60					1V
1224	144 10:30:36	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1225	144 12:00:00	31				VGR-31 OWLT IS 12H 38M 12S					1L
1226	144 13:10:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9784					1DP
1227	144 14:29:59	31	10 SET			10.2 DEGREE SET DSC-10					1V
1228	144 19:24:28	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1229	144 19:31:38	31	40 SET			10.2 DEGREE SET DSC-40					1V
1230	144 20:20:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9784 (D/L ONLY)					1DP
1231	144 20:20:00	31				CFG CODES					1DP
1232	145 00:00:00	31				VGR-31 OWLT IS 12H 38M 14S					1L
1233	145 02:57:19	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1234	145 05:25:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9785 (D/L ONLY)					1DP
1235	145 05:25:00	31				CFG CODES					1DP
1236	145 05:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9784					1DP
1237	145 06:32:01	31	60 SET			15.5 DEGREE SET DSC-60					1V
1238	145 10:26:38	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1239	145 12:00:00	31				VGR-31 OWLT IS 12H 38M 16S					1L
1240	145 12:25:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9785					1DP

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1260	146 16:30:56	31			SC32AJ	(10) PLS CONFIG CMD	FDS		48073:09:009F	04-146/03:52:36	1ECf
1261	146 16:31:44	31				B- DRGS4B			48073:10:001F	04-146/03:53:23	1TB
1262	146 16:31:44	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		48073:10:009F	04-146/03:53:24	1ECf
1263	146 16:32:28	31				BEGIN RECORDING PWS DATA			48073:10:734F	04-146/03:54:07	1T
1264	146 16:32:28	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		48073:10:735F	04-146/03:54:08	1ECd
1265	146 16:32:28	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:3 TIC:2935	DTR		48073:10:735F	04-146/03:54:08	1ESd
1266	146 16:32:32	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	48073:11:001F	04-146/03:54:11	1ESf
1267	146 16:32:32	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		48073:11:002F	04-146/03:54:11	1ECs
1268	146 16:32:33	31				B- DRCRUS			48073:11:018F	04-146/03:54:12	1TB
1269	146 16:32:33	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		48073:11:026F	04-146/03:54:13	1ECf
1270	146 16:33:20	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	48073:12:001F	04-146/03:54:59	1ESf

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1301	147 11:43:48	31				END PESCAL			48097:10:001F	04-146/23:05:23	1T
1302	147 11:43:48	31				B- DRCRUS			48097:10:001F	04-146/23:05:23	1TB
1303	147 11:43:48	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		48097:10:010F	04-146/23:05:24	1ECf
1304	147 11:44:36	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	48097:11:001F	04-146/23:06:11	1ESf
1305	147 11:44:36	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		48097:11:002F	04-146/23:06:11	1ECs
1306	147 11:44:37	31				END PMPCALLR			48097:11:018F	04-146/23:06:12	1T
1307	147 12:00:00	31				VGR-31 OWLT IS 12H 38M 24S					1L
1308	147 13:00:00	31	25	LOS	OPCH ACE	LOS DSS-25 PASS-9787					1DP
1309	147 14:18:05	31	10	SET		10.2 DEGREE SET DSC-10					1V
1310	147 19:12:32	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
1311	147 19:19:41	31	40	SET		10.2 DEGREE SET DSC-40					1V
1312	147 22:05:00	31	63	AOS	OPCH ACE	AOS DSS-63 PASS-9787 (D/L ONLY)					1DP
1313	147 22:05:00	31				CFG CODES					1DP
1314	148 00:00:00	31				VGR-31 OWLT IS 12H 38M 26S					1L
1315	148 02:45:23	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
1316	148 05:35:00	31	26	AOS	OPCH ACE	AOS DSS-26 PASS-9788 (D/L ONLY)					1DP
1317	148 05:35:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1318	148 05:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9787					1DP
1319	148 06:20:03	31	60 SET			15.5 DEGREE SET DSC-60					1V
1320	148 10:14:45	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1321	148 12:00:00	31				VGR-31 OWLT IS 12H 38M 28S					1L
1322	148 12:55:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9788					1DP
1323	148 14:14:07	31	10 SET			10.2 DEGREE SET DSC-10					1V
1324	148 19:08:33	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1325	148 19:15:43	31	40 SET			10.2 DEGREE SET DSC-40					1V
1326	148 21:50:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9788 (D/L ONLY)					1DP
1327	148 21:50:00	31				CFG CODES					1DP
1328	149 00:00:00	31				VGR-31 OWLT IS 12H 38M 30S					1L
1329	149 00:27:06	31			AC7SSB	(4 +147) SS BIAS CONTROL --- YAW	AACS		48143:04:003F	04-148/11:48:36	1ECa
1330	149 02:41:24	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1331	149 03:55:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9789 (D/L ONLY)					1DP
1332	149 03:55:00	31				CFG CODES					1DP
1333	149 04:00:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9788					1DP
1334	149 06:16:07	31	60 SET			15.5 DEGREE SET DSC-60					1V
1335	149 09:10:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9789					1DP
1336	149 10:10:47	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1337	149 12:00:00	31				VGR-31 OWLT IS 12H 38M 32S					1L
1338	149 14:10:09	31	10 SET			10.2 DEGREE SET DSC-10					1V
1339	149 19:04:34	31	60RISE			10.2 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1353	149 22:31:11	31				B- PWSREC.31			48170:39:018F	04-149/09:52:36	1TB
1354	149 22:31:11	31				BEGIN PWSREC.31			48170:39:018F	04-149/09:52:36	1T
1355	149 22:31:58	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		48170:40:009F	04-149/09:53:24	1ECf
1356	149 22:31:59	31				B- DRGS4B			48170:40:018F	04-149/09:53:24	1TB
1357	149 22:32:42	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		48170:40:735F	04-149/09:54:08	1ECd
1358	149 22:32:42	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:1755	DTR		48170:40:735F	04-149/09:54:08	1ESd
1359	149 22:32:43	31				BEGIN RECORDING PWS DATA			48170:40:751F	04-149/09:54:08	1T
1360	149 22:32:46	31	ACE	OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	48170:41:001F	04-149/09:54:11	1ESf
1361	149 22:32:46	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		48170:41:002F	04-149/09:54:11	1ECs
1362	149 22:32:47	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		48170:41:026F	04-149/09:54:13	1ECf
1363	149 22:32:48	31				B- DRCRUS			48170:41:034F	04-149/09:54:13	1TB

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1364	149 22:33:34	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	48170:42:001F	04-149/09:54:59	1ESf
1365	149 22:33:34	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		48170:42:002F	04-149/09:54:59	1ECs
1366	149 22:33:34	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		48170:42:002F	04-149/09:55:00	1ECd
1367	149 22:33:34	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:1463	DTR		48170:42:002F	04-149/09:55:00	1ESd
1368	149 22:34:22	31			SC32AJ	(13) PLS CONFIG CMD	FDS		48170:43:009F	04-149/09:55:48	1ECf
1369	149 22:34:24	31				END PWSREC.31			48170:43:034F	04-149/09:55:49	1T
1370	149 23:20:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9789 (D/L ONLY)					1DP
1371	149 23:20:00	31				CFG CODES					1DP
1372	150 00:00:00	31				VGR-31 OWLT IS 12H 38M 34S					1L
1373	150 00:39:58	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		48173:20:002F	04-149/12:01:24	1ECd
1374	150 00:39:58	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1456	DTR		48173:20:002F	04-149/12:01:24	1ESd
1375	150 02:02:15	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		48175:02:684F	04-149/13:23:40	1ECd
1376	150 02:02:15	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3234	DTR		48175:02:684F	04-149/13:23:40	1ESd

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1377	150 02:37:26	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1378	150 03:39:59	31			CC16C	(7013) DTR STATE SELECT: READY	DTR		48177:05:002F	04-149/15:01:24	1ECd
1379	150 03:39:59	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:3234	DTR	48177:05:002F	04-149/15:01:24	1ESd	
1380	150 04:00:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9789					1DP
1381	150 05:35:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9790 (D/L ONLY)					1DP
1382	150 05:35:00	31				CFG CODES					1DP
1383	150 06:12:08	31	60 SET			15.5 DEGREE SET DSC-60					1V
1384	150 10:06:49	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1385	150 12:00:00	31				VGR-31 OWLT IS 12H 38M 36S					1L
1386	150 12:50:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9790					1DP
1387	150 14:06:11	31	10 SET			10.2 DEGREE SET DSC-10					1V
1388	150 19:00:36	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1389	150 19:07:45	31	40 SET			10.2 DEGREE SET DSC-40					1V
1390	150 19:55:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9790 (D/L ONLY)					1DP
1391	150 19:55:00	31				CFG CODES					1DP
1392	151 00:00:00	31				VGR-31 OWLT IS 12H 38M 38S					1L
1393	151 02:33:27	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1394	151 06:08:09	31	60 SET			15.5 DEGREE SET DSC-60					1V
1395	151 06:25:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9791 (D/L ONLY)					1DP
1396	151 06:25:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1397	151 06:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9790					1DP
1398	151 10:02:51	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1399	151 12:00:00	31				VGR-31 OWLT IS 12H 38M 40S					1L
1400	151 12:45:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9791					1DP
1401	151 14:02:13	31	10 SET			10.2 DEGREE SET DSC-10					1V
1402	151 18:50:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9791 (D/L ONLY)					1DP
1403	151 18:50:00	31				CFG CODES					1DP
1404	151 18:56:37	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1405	151 19:03:47	31	40 SET			10.2 DEGREE SET DSC-40					1V
1406	152 00:00:00	31				VGR-31 OWLT IS 12H 38M 43S					1L
1407	152 02:29:29	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1408	152 06:00:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9792 (D/L ONLY)					1DP
1409	152 06:00:00	31				CFG CODES					1DP
1410	152 06:04:10	31	60 SET			15.6 DEGREE SET DSC-60					1V
1411	152 06:20:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9791					1DP
1412	152 08:07:20	31			AC7SSB	(3 -003) SS BIAS CONTROL - PITCH	AACS		48242:39:003F	04-151/19:28:36	1ECa
1413	152 09:58:53	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1414	152 12:00:00	31				VGR-31 OWLT IS 12H 38M 45S					1L
1415	152 12:40:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9792					1DP
1416	152 13:58:15	31	10 SET			10.2 DEGREE SET DSC-10					1V
1417	152 18:52:38	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1418	152 18:59:48	31	40 SET			10.2 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1419	152 22:30:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9792 (U/L PASS)					1DP
1420	153 00:00:00	31				VGR-31 OWLT IS 12H 38M 47S					1L
1421	153 02:25:30	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1422	153 06:00:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9793 (D/L ONLY)					1DP
1423	153 06:00:00	31				CFG CODES					1DP
1424	153 06:00:10	31	60 SET			15.6 DEGREE SET DSC-60					1V
1425	153 06:05:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9792					1DP
1426	153 09:54:55	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1427	153 12:00:00	31				VGR-31 OWLT IS 12H 38M 49S					1L
1428	153 12:35:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9793					1DP
1429	153 13:54:17	31	10 SET			10.2 DEGREE SET DSC-10					1V
1430	153 16:04:02	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
1431	153 16:04:02	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1432	153 16:04:50	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
1433	153 16:04:50	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1434	153 16:07:26	31				BEGIN PWSREC.31			48282:39:001F	04-153/03:28:35	1T
1435	153 16:07:26	31			SC32AJ	(10) PLS CONFIG CMD	FDS		48282:39:010F	04-153/03:28:36	1ECF
1436	153 16:08:14	31				B- DRGS4B			48282:40:001F	04-153/03:29:23	1TB

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1437	153 16:08:14	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		48282:40:009F	04-153/03:29:24	1ECf
1438	153 16:08:58	31				BEGIN RECORDING PWS DATA			48282:40:734F	04-153/03:30:07	1T
1439	153 16:08:58	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		48282:40:735F	04-153/03:30:08	1ECd
1440	153 16:08:58	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:3 TIC:3234	DTR		48282:40:735F	04-153/03:30:08	1ESd
1441	153 16:09:02	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	48282:41:001F	04-153/03:30:11	1ESf
1442	153 16:09:02	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		48282:41:002F	04-153/03:30:11	1ECs
1443	153 16:09:03	31				B- DRCRUS			48282:41:018F	04-153/03:30:12	1TB
1444	153 16:09:03	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		48282:41:026F	04-153/03:30:13	1ECf
1445	153 16:09:50	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	48282:42:001F	04-153/03:30:59	1ESf

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1446	153 16:09:50	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		48282:42:002F	04-153/03:30:59	1ECs
1447	153 16:09:50	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		48282:42:002F	04-153/03:31:00	1ECd
1448	153 16:09:50	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:3526	DTR		48282:42:002F	04-153/03:31:00	1ESd
1449	153 16:10:38	31			SC32AJ	(13) PLS CONFIG CMD	FDS		48282:43:009F	04-153/03:31:48	1ECf
1450	153 16:10:39	31				END PWSREC.31			48282:43:018F	04-153/03:31:48	1T
1451	153 16:21:02	31				B- DTRMA-1.31			48282:56:001F	04-153/03:42:11	1TB
1452	153 16:21:02	31				BEGIN DTRMA131			48282:56:001F	04-153/03:42:11	1T
1453	153 16:21:02	31			CC16C	(2217) DTR STATE SELECT: SLEW	DTR		48282:56:002F	04-153/03:42:12	1ECd
1454	153 16:21:02	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:7 TIC:3533	DTR		48282:56:002F	04-153/03:42:12	1ESd
1455	153 16:23:27	31			EOT	END OF TAPE			48282:59:020F	04-153/03:44:37	1Ed
1456	153 18:48:40	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1457	153 18:55:50	31	40 SET			10.2 DEGREE SET DSC-40					1V
1458	153 19:05:03	31			CC16C	(2228) DTR STATE SELECT: SLEW	DTR		48286:21:001F	04-153/06:26:11	1ECd
1459	153 19:05:03	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:8 TIC:3585	DTR		48286:21:001F	04-153/06:26:11	1ESd
1460	153 19:05:03	31			EOT	END OF TAPE			48286:21:010F	04-153/06:26:12	1Ed
1461	153 19:11:27	31			AC7SSB	(4 +146) SS BIAS CONTROL --- YAW	AACS		48286:29:003F	04-153/06:32:36	1ECa

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1462	153 21:41:48	31			BOT	BEGIN OF TAPE			48289:36:749F	04-153/09:02:56	1Ed
1463	153 21:45:01	31				TAPE AT BOT			48289:40:768F	04-153/09:06:09	1T
1464	153 21:45:01	31				END DTRMA131			48289:40:768F	04-153/09:06:09	1T
1465	153 21:49:03	31				TAPPOS-3540			48289:46:001F	04-153/09:10:11	1T
1466	153 21:49:03	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		48289:46:002F	04-153/09:10:11	1ECd
1467	153 21:49:03	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0199	DTR		48289:46:002F	04-153/09:10:11	1ESd
1468	153 21:49:03	31			BOT	BEGIN OF TAPE			48289:46:010F	04-153/09:10:12	1Ed
1469	153 23:15:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9793 (D/L ONLY)					1DP
1470	153 23:15:00	31				CFG CODES					1DP
1471	154 00:00:00	31				VGR-31 OWLT IS 12H 38M 52S					1L
1472	154 00:23:42	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		48292:59:239F	04-153/11:44:50	1ECd
1473	154 00:23:42	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3540	DTR		48292:59:239F	04-153/11:44:50	1ESd
1474	154 00:37:04	31				REV/TRK 4			48293:16:001F	04-153/11:58:11	1T
1475	154 00:37:04	31			CC16C	(7024) DTR STATE SELECT: READY	DTR		48293:16:002F	04-153/11:58:11	1ECd
1476	154 00:37:04	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:3540	DTR		48293:16:002F	04-153/11:58:11	1ESd
1477	154 02:21:32	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1478	154 05:25:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9793					1DP

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1479	154 05:45:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9794 (D/L ONLY)					1DP
1480	154 05:45:00	31				CFG CODES					1DP
1481	154 05:56:11	31	60 SET			15.6 DEGREE SET DSC-60					1V
1482	154 09:50:57	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1483	154 12:00:00	31				VGR-31 OWLT IS 12H 38M 54S					1L
1484	154 12:30:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9794					1DP
1485	154 13:50:19	31	10 SET			10.2 DEGREE SET DSC-10					1V
1486	154 18:44:41	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1487	154 18:51:51	31	40 SET			10.2 DEGREE SET DSC-40					1V
1488	154 21:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9794 (D/L ONLY)					1DP
1489	154 21:45:00	31				CFG CODES					1DP
1490	155 00:00:00	31				VGR-31 OWLT IS 12H 38M 57S					1L
1491	155 02:17:33	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1492	155 04:45:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9794					1DP
1493	155 04:45:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9795 (D/L ONLY)					1DP
1494	155 04:45:00	31				CFG CODES					1DP
1495	155 05:52:12	31	60 SET			15.6 DEGREE SET DSC-60					1V
1496	155 09:46:59	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1497	155 12:00:00	31				VGR-31 OWLT IS 12H 38M 59S					1L
1498	155 12:25:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9795					1DP
1499	155 13:46:21	31	10 SET			10.2 DEGREE SET DSC-10					1V
1500	155 18:40:43	31	60RISE			10.2 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1501	155 18:47:52	31	40 SET			10.2 DEGREE SET DSC-40					1V
1502	155 21:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9795 (D/L ONLY)					1DP
1503	155 21:45:00	31				CFG CODES					1DP
1504	156 00:00:00	31				VGR-31 OWLT IS 12H 39M 02S					1L
1505	156 02:13:35	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1506	156 04:55:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9796 (D/L ONLY)					1DP
1507	156 04:55:00	31				CFG CODES					1DP
1508	156 05:15:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9795					1DP
1509	156 05:48:13	31	60 SET			15.6 DEGREE SET DSC-60					1V
1510	156 09:43:01	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1511	156 11:45:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9796					1DP
1512	156 12:00:00	31				VGR-31 OWLT IS 12H 39M 04S					1L
1513	156 13:42:23	31	10 SET			10.2 DEGREE SET DSC-10					1V
1514	156 18:36:44	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1515	156 18:43:54	31	40 SET			10.2 DEGREE SET DSC-40					1V
1516	156 19:06:54	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		48376:23:002F	04-156/06:27:48	1ECd
1517	156 19:06:54	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3540	DTR		48376:23:002F	04-156/06:27:48	1ESd
1518	156 20:43:18	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		48378:23:399F	04-156/08:04:11	1ECd

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1532	156 22:08:30	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		48380:10:009F	04-156/09:29:24	1ECf
1533	156 22:08:31	31				B- DRGS4B			48380:10:018F	04-156/09:29:24	1TB
1534	156 22:09:14	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		48380:10:735F	04-156/09:30:08	1ECd
1535	156 22:09:14	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:1457	DTR		48380:10:735F	04-156/09:30:08	1ESd
1536	156 22:09:15	31				BEGIN RECORDING PWS DATA			48380:10:751F	04-156/09:30:08	1T
1537	156 22:09:18	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	48380:11:001F	04-156/09:30:11	1ESf
1538	156 22:09:18	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		48380:11:002F	04-156/09:30:11	1ECs
1539	156 22:09:19	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		48380:11:026F	04-156/09:30:13	1ECf
1540	156 22:09:20	31				B- DRCRUS			48380:11:034F	04-156/09:30:13	1TB
1541	156 22:10:06	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	48380:12:001F	04-156/09:30:59	1ESf

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1542	156 22:10:06	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		48380:12:002F	04-156/09:30:59	1ECs
1543	156 22:10:06	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		48380:12:002F	04-156/09:31:00	1ECd
1544	156 22:10:06	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:1165	DTR		48380:12:002F	04-156/09:31:00	1ESd
1545	156 22:10:54	31			SC32AJ	(13) PLS CONFIG CMD	FDS		48380:13:009F	04-156/09:31:48	1ECF
1546	156 22:10:56	31				END PWSREC.31			48380:13:034F	04-156/09:31:49	1T
1547	157 00:00:00	31				VGR-31 OWLT IS 12H 39M 07S					1L
1548	157 00:16:31	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		48382:50:002F	04-156/11:37:24	1ECd
1549	157 00:16:31	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1158	DTR		48382:50:002F	04-156/11:37:24	1ESd
1550	157 02:06:46	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		48385:07:647F	04-156/13:27:38	1ECd
1551	157 02:06:46	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3540	DTR		48385:07:647F	04-156/13:27:38	1ESd
1552	157 02:09:36	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1553	157 03:16:31	31			CC16C	(7024) DTR STATE SELECT: READY	DTR		48386:35:002F	04-156/14:37:24	1ECd
1554	157 03:16:31	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:3540	DTR		48386:35:002F	04-156/14:37:24	1ESd
1555	157 05:15:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9796					1DP

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1556	157 05:44:17	31	60 SET			15.6 DEGREE SET DSC-60					1V
1557	157 07:35:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9797 (D/L ONLY)					1DP
1558	157 07:35:00	31				CFG CODES					1DP
1559	157 09:39:03	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1560	157 10:03:45	31			AC7SSB	(3 -002) SS BIAS CONTROL - PITCH	AACS		48395:04:003F	04-156/21:24:36	1ECa
1561	157 12:00:00	31				VGR-31 OWLT IS 12H 39M 09S					1L
1562	157 12:20:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9797					1DP
1563	157 13:38:25	31	10 SET			10.2 DEGREE SET DSC-10					1V
1564	157 18:32:46	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1565	157 18:39:55	31	40 SET			10.2 DEGREE SET DSC-40					1V
1566	157 21:50:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9797 (D/L ONLY)					1DP
1567	157 21:50:00	31				CFG CODES					1DP
1568	158 00:00:00	31				VGR-31 OWLT IS 12H 39M 12S					1L
1569	158 02:05:38	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1570	158 05:40:17	31	60 SET			15.6 DEGREE SET DSC-60					1V
1571	158 05:55:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9798 (D/L ONLY)					1DP
1572	158 05:55:00	31				CFG CODES					1DP
1573	158 06:15:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9797					1DP
1574	158 09:35:05	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1575	158 12:00:00	31				VGR-31 OWLT IS 12H 39M 14S					1L
1576	158 12:15:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9798					1DP
1577	158 13:34:27	31	10 SET			10.2 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1578	158 13:55:51	31			AC7SSB	(4 +145) SS BIAS CONTROL --- YAW	AACS		48429:54:003F	04-158/01:16:36	1ECa
1579	158 18:28:47	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1580	158 18:35:57	31	40 SET			10.2 DEGREE SET DSC-40					1V
1581	158 21:40:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9798 (D/L ONLY)					1DP
1582	158 21:40:00	31				CFG CODES					1DP
1583	159 00:00:00	31				VGR-31 OWLT IS 12H 39M 17S					1L
1584	159 02:01:39	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1585	159 04:45:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9799 (D/L ONLY)					1DP
1586	159 04:45:00	31				CFG CODES					1DP
1587	159 05:05:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9798					1DP
1588	159 05:36:18	31	60 SET			15.6 DEGREE SET DSC-60					1V
1589	159 09:31:07	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1590	159 12:00:00	31				VGR-31 OWLT IS 12H 39M 20S					1L
1591	159 12:10:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9799					1DP
1592	159 13:30:29	31	10 SET			10.2 DEGREE SET DSC-10					1V
1593	159 18:24:49	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1594	159 18:31:58	31	40 SET			10.2 DEGREE SET DSC-40					1V
1595	159 19:25:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9799 (D/L ONLY)					1DP
1596	159 19:25:00	31				CFG CODES					1DP
1597	160 00:00:00	31				VGR-31 OWLT IS 12H 39M 22S					1L
1598	160 01:57:41	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1599	160 04:35:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9799					1DP

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1617	160 15:45:34	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:4 TIC:3540	DTR		48492:10:735F	04-160/03:06:08	1ESd
1618	160 15:45:38	31		ACE	OPCH	FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	48492:11:001F	04-160/03:06:11	1ESf
1619	160 15:45:38	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		48492:11:002F	04-160/03:06:11	1ECs
1620	160 15:45:39	31				B- DRCRUS			48492:11:018F	04-160/03:06:12	1TB
1621	160 15:45:39	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		48492:11:026F	04-160/03:06:13	1ECf
1622	160 15:46:26	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	48492:12:001F	04-160/03:06:59	1ESf
1623	160 15:46:26	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		48492:12:002F	04-160/03:06:59	1ECs
1624	160 15:46:26	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		48492:12:002F	04-160/03:07:00	1ECd
1625	160 15:46:26	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:3247	DTR		48492:12:002F	04-160/03:07:00	1ESd

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1626	160 15:47:14	31			SC32AJ	(13) PLS CONFIG CMD	FDS		48492:13:009F	04-160/03:07:48	1ECf
1627	160 15:47:15	31				END PWSREC.31			48492:13:018F	04-160/03:07:48	1T
1628	160 18:20:50	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1629	160 18:28:00	31	40 SET			10.2 DEGREE SET DSC-40					1V
1630	160 21:40:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9800 (D/L ONLY)					1DP
1631	160 21:40:00	31				CFG CODES					1DP
1632	161 00:00:00	31				VGR-31 OWLT IS 12H 39M 28S					1L
1633	161 01:53:42	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1634	161 05:00:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9800					1DP
1635	161 05:28:20	31	60 SET			15.6 DEGREE SET DSC-60					1V
1636	161 05:35:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9801 (U/L PASS)					1DP
1637	161 09:23:11	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1638	161 09:45:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9801					1DP
1639	161 12:00:00	31				VGR-31 OWLT IS 12H 39M 31S					1L
1640	161 13:22:32	31	10 SET			10.2 DEGREE SET DSC-10					1V
1641	161 18:16:52	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1642	161 18:24:01	31	40 SET			10.2 DEGREE SET DSC-40					1V
1643	161 21:45:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9801 (D/L ONLY)					1DP
1644	161 21:45:00	31				CFG CODES					1DP
1645	162 00:00:00	31				VGR-31 OWLT IS 12H 39M 33S					1L
1646	162 01:49:44	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1647	162 04:30:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9802 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1648	162 04:30:00	31				CFG CODES					1DP
1649	162 04:50:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9801					1DP
1650	162 05:24:24	31	60 SET			15.6 DEGREE SET DSC-60					1V
1651	162 08:55:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9802 (D/L ONLY)					1DP
1652	162 08:55:00	31				CFG CODES					1DP
1653	162 09:15:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9802					1DP
1654	162 09:19:12	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1655	162 12:00:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9802					1DP
1656	162 12:00:00	31				VGR-31 OWLT IS 12H 39M 36S					1L
1657	162 12:00:12	31			AC7SSB	(3 -001) SS BIAS CONTROL - PITCH	AACS		48547:29:003F	04-161/23:20:36	1ECa
1658	162 13:18:34	31	10 SET			10.2 DEGREE SET DSC-10					1V
1659	162 18:12:53	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1660	162 18:20:03	31	40 SET			10.2 DEGREE SET DSC-40					1V
1661	162 21:50:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9802 (D/L ONLY)					1DP
1662	162 21:50:00	31				CFG CODES					1DP
1663	163 00:00:00	31				VGR-31 OWLT IS 12H 39M 39S					1L
1664	163 01:45:45	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1665	163 04:30:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9803 (D/L ONLY)					1DP
1666	163 04:30:00	31				CFG CODES					1DP
1667	163 04:45:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9802					1DP
1668	163 05:20:25	31	60 SET			15.6 DEGREE SET DSC-60					1V

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1684	163 21:43:32	31			CC16C	(7026) DTR STATE SELECT: READY	DTR		48589:38:002F	04-163/09:03:48	1ECd
1685	163 21:43:32	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:1158	DTR		48589:38:002F	04-163/09:03:48	1ESd
1686	163 21:44:20	31			SC32AJ	(10) PLS CONFIG CMD	FDS		48589:39:009F	04-163/09:04:36	1ECf
1687	163 21:44:21	31				AHEL11 PWSREC 09			48589:39:018F	04-163/09:04:36	1T
1688	163 21:44:21	31				B- PWSREC.31			48589:39:018F	04-163/09:04:36	1TB
1689	163 21:44:21	31				BEGIN PWSREC.31			48589:39:018F	04-163/09:04:36	1T
1690	163 21:45:08	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		48589:40:009F	04-163/09:05:24	1ECf
1691	163 21:45:09	31				B- DRGS4B			48589:40:018F	04-163/09:05:24	1TB
1692	163 21:45:52	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		48589:40:735F	04-163/09:06:08	1ECd
1693	163 21:45:52	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:1158	DTR		48589:40:735F	04-163/09:06:08	1ESd
1694	163 21:45:53	31				BEGIN RECORDING PWS DATA			48589:40:751F	04-163/09:06:08	1T
1695	163 21:45:56	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	48589:41:001F	04-163/09:06:11	1ESf
1696	163 21:45:56	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		48589:41:002F	04-163/09:06:11	1ECs

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1697	163 21:45:57	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		48589:41:026F	04-163/09:06:13	1ECf
1698	163 21:45:58	31				B- DRCRUS			48589:41:034F	04-163/09:06:13	1TB
1699	163 21:46:44	31		ACE	OPCH		FDS	CR-5T	48589:42:001F	04-163/09:06:59	1ESf
						FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11					
1700	163 21:46:44	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		48589:42:002F	04-163/09:06:59	1ECs
1701	163 21:46:44	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		48589:42:002F	04-163/09:07:00	1ECd
1702	163 21:46:44	31					DTR		48589:42:002F	04-163/09:07:00	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:0866					
1703	163 21:47:32	31			SC32AJ	(13) PLS CONFIG CMD	FDS		48589:43:009F	04-163/09:07:48	1ECf
1704	163 21:47:34	31				END PWSREC.31			48589:43:034F	04-163/09:07:49	1T
1705	163 21:50:00	31	63 AOS	OPCH	ACE	AOS DSS-63 PASS-9803 (D/L ONLY)					1DP
1706	163 21:50:00	31				CFG CODES					1DP
1707	163 23:53:09	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		48592:20:002F	04-163/11:13:24	1ECd
1708	163 23:53:09	31					DTR		48592:20:002F	04-163/11:13:24	1ESd
						DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0859					
1709	164 00:00:00	31				VGR-31 OWLT IS 12H 39M 45S					1L

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1710	164 01:41:47	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1711	164 01:43:24	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		48594:37:647F	04-163/13:03:38	1ECd
1712	164 01:43:24	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3241	DTR		48594:37:647F	04-163/13:03:38	1ESd
1713	164 02:53:10	31			CC16C	(7024) DTR STATE SELECT: READY	DTR		48596:05:002F	04-163/14:13:24	1ECd
1714	164 02:53:10	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:3241	DTR		48596:05:002F	04-163/14:13:24	1ESd
1715	164 05:16:25	31	60 SET			15.6 DEGREE SET DSC-60					1V
1716	164 05:35:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9804 (D/L ONLY)					1DP
1717	164 05:35:00	31				CFG CODES					1DP
1718	164 05:55:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9803					1DP
1719	164 09:11:16	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1720	164 11:55:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9804					1DP
1721	164 12:00:00	31				VGR-31 OWLT IS 12H 39M 48S					1L
1722	164 13:10:38	31	10 SET			10.2 DEGREE SET DSC-10					1V
1723	164 18:04:56	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1724	164 18:12:06	31	40 SET			10.2 DEGREE SET DSC-40					1V
1725	164 21:45:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9804 (D/L ONLY)					1DP
1726	164 21:45:00	31				CFG CODES					1DP
1727	165 00:00:00	31				VGR-31 OWLT IS 12H 39M 51S					1L

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1728	165 01:37:49	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1729	165 05:10:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9805 (D/L ONLY)					1DP
1730	165 05:10:00	31				CFG CODES					1DP
1731	165 05:12:29	31	60 SET			15.6 DEGREE SET DSC-60					1V
1732	165 05:30:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9804					1DP
1733	165 09:07:18	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1734	165 09:25:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9805 (D/L ONLY)					1DP
1735	165 09:25:00	31				CFG CODES					1DP
1736	165 09:45:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9805					1DP
1737	165 11:50:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9805					1DP
1738	165 12:00:00	31				VGR-31 OWLT IS 12H 39M 54S					1L
1739	165 13:06:40	31	10 SET			10.2 DEGREE SET DSC-10					1V
1740	165 18:00:58	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1741	165 18:08:08	31	40 SET			10.2 DEGREE SET DSC-40					1V
1742	165 21:25:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9805 (D/L ONLY)					1DP
1743	165 21:25:00	31				CFG CODES					1DP
1744	166 00:00:00	31				VGR-31 OWLT IS 12H 39M 57S					1L
1745	166 01:33:50	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1746	166 03:10:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9806 (D/L ONLY)					1DP
1747	166 03:10:00	31				CFG CODES					1DP
1748	166 03:15:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9805					1DP

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1749	166 05:08:30	31	60 SET			15.6 DEGREE SET DSC-60					1V
1750	166 09:03:20	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1751	166 09:40:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9806 (D/L ONLY)					1DP
1752	166 09:40:00	31				CFG CODES					1DP
1753	166 09:45:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9806					1DP
1754	166 12:00:00	31				VGR-31 OWLT IS 12H 40M 00S					1L
1755	166 12:35:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9806					1DP
1756	166 13:02:41	31	10 SET			10.2 DEGREE SET DSC-10					1V
1757	166 17:57:00	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1758	166 18:04:10	31	40 SET			10.2 DEGREE SET DSC-40					1V
1759	166 21:40:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9806 (D/L ONLY)					1DP
1760	166 21:40:00	31				CFG CODES					1DP
1761	167 00:00:00	31				VGR-31 OWLT IS 12H 40M 03S					1L
1762	167 01:29:52	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1763	167 05:04:31	31	60 SET			15.6 DEGREE SET DSC-60					1V
1764	167 05:20:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9807 (D/L ONLY)					1DP
1765	167 05:20:00	31				CFG CODES					1DP
1766	167 05:40:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9806					1DP
1767	167 08:59:21	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1768	167 12:00:00	31				VGR-31 OWLT IS 12H 40M 06S					1L
1769	167 12:30:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9807					1DP
1770	167 12:58:43	31	10 SET			10.2 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1783	167 15:22:19	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	48701:41:001F	04-167/02:42:11	1ESf
1784	167 15:22:19	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		48701:41:002F	04-167/02:42:11	1ECs
1785	167 15:22:20	31				B- DRCRUS			48701:41:018F	04-167/02:42:12	1TB
1786	167 15:22:20	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		48701:41:026F	04-167/02:42:13	1ECf
1787	167 15:23:07	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	48701:42:001F	04-167/02:42:59	1ESf
1788	167 15:23:07	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		48701:42:002F	04-167/02:42:59	1ECs
1789	167 15:23:07	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		48701:42:002F	04-167/02:43:00	1ECd
1790	167 15:23:07	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:2948	DTR		48701:42:002F	04-167/02:43:00	1ESd
1791	167 15:23:55	31			SC32AJ	(13) PLS CONFIG CMD	FDS		48701:43:009F	04-167/02:43:48	1ECf
1792	167 15:23:56	31				END PWSREC.31			48701:43:018F	04-167/02:43:48	1T
1793	167 17:53:02	31	60RISE			10.2 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1794	167 18:00:11	31	40 SET			10.2 DEGREE SET DSC-40					1V
1795	167 21:05:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9807 (D/L ONLY)					1DP
1796	167 21:05:00	31				CFG CODES					1DP
1797	168 00:00:00	31				VGR-31 OWLT IS 12H 40M 10S					1L
1798	168 01:25:54	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1799	168 02:30:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9808 (U/L PASS)					1DP
1800	168 02:35:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9807					1DP
1801	168 03:24:46	31			AC7SSB	(4 +143) SS BIAS CONTROL --- YAW	AACS		48716:44:002F	04-167/14:44:36	1ECa
1802	168 05:00:32	31	60 SET			15.6 DEGREE SET DSC-60					1V
1803	168 08:55:23	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1804	168 09:40:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9808 (D/L ONLY)					1DP
1805	168 09:40:00	31				CFG CODES					1DP
1806	168 09:45:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9808					1DP
1807	168 11:55:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9808					1DP
1808	168 12:00:00	31				VGR-31 OWLT IS 12H 40M 13S					1L
1809	168 12:54:45	31	10 SET			10.2 DEGREE SET DSC-10					1V
1810	168 17:49:03	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1811	168 17:56:13	31	40 SET			10.2 DEGREE SET DSC-40					1V
1812	168 19:00:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9808 (D/L ONLY)					1DP
1813	168 19:00:00	31				CFG CODES					1DP
1814	169 00:00:00	31				VGR-31 OWLT IS 12H 40M 16S					1L
1815	169 01:21:56	31	10RISE			10.2 DEGREE RISE DSC-10					1V

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1816	169 04:05:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9809 (D/L ONLY)					1DP
1817	169 04:05:00	31				CFG CODES					1DP
1818	169 04:25:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9808					1DP
1819	169 04:56:35	31	60 SET			15.6 DEGREE SET DSC-60					1V
1820	169 07:50:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9809 (D/L ONLY)					1DP
1821	169 07:50:00	31				CFG CODES					1DP
1822	169 08:10:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9809					1DP
1823	169 08:51:25	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1824	169 12:00:00	31				VGR-31 OWLT IS 12H 40M 19S					1L
1825	169 12:50:46	31	10 SET			10.2 DEGREE SET DSC-10					1V
1826	169 12:55:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9809					1DP
1827	169 17:45:05	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1828	169 17:52:15	31	40 SET			10.2 DEGREE SET DSC-40					1V
1829	169 22:15:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9809 (D/L ONLY)					1DP
1830	169 22:15:00	31				CFG CODES					1DP
1831	170 00:00:00	31				VGR-31 OWLT IS 12H 40M 23S					1L
1832	170 01:17:57	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1833	170 04:00:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9810 (D/L ONLY)					1DP
1834	170 04:00:00	31				CFG CODES					1DP
1835	170 04:20:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9809					1DP
1836	170 04:52:36	31	60 SET			15.6 DEGREE SET DSC-60					1V

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1867	170 21:22:40	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	48799:11:001F	04-170/08:42:11	1ESf
1868	170 21:22:40	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		48799:11:002F	04-170/08:42:11	1ECs
1869	170 21:22:41	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		48799:11:026F	04-170/08:42:13	1ECf
1870	170 21:22:42	31				B- DRCRUS			48799:11:034F	04-170/08:42:13	1TB
1871	170 21:23:28	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	48799:12:001F	04-170/08:42:59	1ESf
1872	170 21:23:28	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		48799:12:002F	04-170/08:42:59	1ECs
1873	170 21:23:28	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		48799:12:002F	04-170/08:43:00	1ECd
1874	170 21:23:28	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:0567	DTR		48799:12:002F	04-170/08:43:00	1ESd
1875	170 21:24:16	31			SC32AJ	(13) PLS CONFIG CMD	FDS		48799:13:009F	04-170/08:43:48	1ECf
1876	170 21:24:18	31				END PWSREC.31			48799:13:034F	04-170/08:43:49	1T
1877	170 23:29:53	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		48801:50:002F	04-170/10:49:24	1ECd

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT 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	170 23:29:53	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0560	DTR		48801:50:002F	04-170/10:49:24	1ESd
1879	171 00:00:00	31				VGR-31 OWLT IS 12H 40M 29S					1L
1880	171 01:13:59	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1881	171 01:20:09	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		48804:07:647F	04-170/12:39:38	1ECd
1882	171 01:20:09	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2942	DTR		48804:07:647F	04-170/12:39:38	1ESd
1883	171 02:29:54	31			CC16C	(7024) DTR STATE SELECT: READY	DTR		48805:35:002F	04-170/13:49:24	1ECd
1884	171 02:29:54	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:2942	DTR		48805:35:002F	04-170/13:49:24	1ESd
1885	171 03:50:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9811 (D/L ONLY)					1DP
1886	171 03:50:00	31				CFG CODES					1DP
1887	171 04:10:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9810					1DP
1888	171 04:48:39	31	60 SET			15.6 DEGREE SET DSC-60					1V
1889	171 06:40:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9811 (D/L ONLY)					1DP
1890	171 06:40:00	31				CFG CODES					1DP
1891	171 07:00:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9811					1DP
1892	171 08:43:28	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1893	171 09:45:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9811					1DP

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1894	171 12:00:00	31				VGR-31 OWLT IS 12H 40M 33S					1L
1895	171 12:42:50	31	10	SET		10.2 DEGREE SET DSC-10					1V
1896	171 17:37:09	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
1897	171 17:44:19	31	40	SET		10.2 DEGREE SET DSC-40					1V
1898	171 18:40:00	31	65	AOS	OPCH ACE	AOS DSS-65 PASS-9811 (D/L ONLY)					1DP
1899	171 18:40:00	31				CFG CODES					1DP
1900	172 00:00:00	31				VGR-31 OWLT IS 12H 40M 36S					1L
1901	172 01:10:01	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
1902	172 03:50:00	31	26	AOS	OPCH ACE	AOS DSS-26 PASS-9812 (D/L ONLY)					1DP
1903	172 03:50:00	31				CFG CODES					1DP
1904	172 04:10:00	31	65	LOS	OPCH ACE	LOS DSS-65 PASS-9811					1DP
1905	172 04:44:40	31	60	SET		15.6 DEGREE SET DSC-60					1V
1906	172 08:39:30	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
1907	172 11:20:00	31	26	LOS	OPCH ACE	LOS DSS-26 PASS-9812					1DP
1908	172 12:00:00	31				VGR-31 OWLT IS 12H 40M 39S					1L
1909	172 12:38:52	31	10	SET		10.2 DEGREE SET DSC-10					1V
1910	172 15:53:17	31			AC7SSB	(3 +001) SS BIAS CONTROL - PITCH	AACS		48852:19:003F	04-172/03:12:36	1ECa
1911	172 17:33:11	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
1912	172 17:40:20	31	40	SET		10.2 DEGREE SET DSC-40					1V
1913	172 21:35:00	31	63	AOS	OPCH ACE	AOS DSS-63 PASS-9812 (D/L ONLY)					1DP
1914	172 21:35:00	31				CFG CODES					1DP
1915	173 00:00:00	31				VGR-31 OWLT IS 12H 40M 43S					1L

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT 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	173 01:06:03	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1917	173 04:15:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9812					1DP
1918	173 04:15:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9813 (D/L ONLY)					1DP
1919	173 04:15:00	31				CFG CODES					1DP
1920	173 04:40:41	31	60 SET			15.6 DEGREE SET DSC-60					1V
1921	173 08:35:31	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1922	173 11:20:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9813					1DP
1923	173 12:00:00	31				VGR-31 OWLT IS 12H 40M 46S					1L
1924	173 12:34:53	31	10 SET			10.2 DEGREE SET DSC-10					1V
1925	173 17:29:12	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1926	173 17:36:22	31	40 SET			10.2 DEGREE SET DSC-40					1V
1927	173 19:05:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9813 (D/L ONLY)					1DP
1928	173 19:05:00	31				CFG CODES					1DP
1929	174 00:00:00	31				VGR-31 OWLT IS 12H 40M 50S					1L
1930	174 01:02:05	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1931	174 03:00:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9814 (U/L PASS)					1DP
1932	174 03:05:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9813					1DP
1933	174 04:36:44	31	60 SET			15.6 DEGREE SET DSC-60					1V
1934	174 06:51:04	31			AC7SSB	(4 +142) SS BIAS CONTROL --- YAW	AACS		48901:01:003F	04-173/18:10:12	1ECa
1935	174 08:31:33	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1936	174 12:00:00	31				VGR-31 OWLT IS 12H 40M 53S					1L
1937	174 12:10:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9814					1DP

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1950	174 14:59:06	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	48911:11:001F	04-174/02:18:11	1ESf
1951	174 14:59:06	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		48911:11:002F	04-174/02:18:11	1ECs
1952	174 14:59:07	31				B- DRCRUS			48911:11:018F	04-174/02:18:12	1TB
1953	174 14:59:07	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		48911:11:026F	04-174/02:18:13	1ECf
1954	174 14:59:54	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	48911:12:001F	04-174/02:18:59	1ESf
1955	174 14:59:54	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		48911:12:002F	04-174/02:18:59	1ECs
1956	174 14:59:54	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		48911:12:002F	04-174/02:19:00	1ECd
1957	174 14:59:54	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:2649	DTR		48911:12:002F	04-174/02:19:00	1ESd
1958	174 15:00:42	31			SC32AJ	(13) PLS CONFIG CMD	FDS		48911:13:009F	04-174/02:19:48	1ECf
1959	174 15:00:43	31				END PWSREC.31			48911:13:018F	04-174/02:19:48	1T
1960	174 17:25:14	31	60RISE			10.2 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1989	175 10:11:13	31				END PMPCALLR			48935:11:018F	04-174/21:30:12	1T
1990	175 12:00:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9815					1DP
1991	175 12:00:00	31				VGR-31 OWLT IS 12H 41M 01S					1L
1992	175 12:26:57	31	10 SET			10.2 DEGREE SET DSC-10					1V
1993	175 17:21:16	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1994	175 17:28:26	31	40 SET			10.2 DEGREE SET DSC-40					1V
1995	175 18:45:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9815 (D/L ONLY)					1DP
1996	175 18:45:00	31				CFG CODES					1DP
1997	176 00:00:00	31				VGR-31 OWLT IS 12H 41M 04S					1L
1998	176 00:54:09	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1999	176 04:10:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9816 (D/L ONLY)					1DP
2000	176 04:10:00	31				CFG CODES					1DP
2001	176 04:28:48	31	60 SET			15.6 DEGREE SET DSC-60					1V
2002	176 04:30:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9815					1DP
2003	176 08:23:36	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2004	176 11:05:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9816					1DP
2005	176 12:00:00	31				VGR-31 OWLT IS 12H 41M 08S					1L
2006	176 12:22:58	31	10 SET			10.2 DEGREE SET DSC-10					1V
2007	176 17:17:18	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2008	176 17:24:28	31	40 SET			10.2 DEGREE SET DSC-40					1V
2009	176 21:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9816 (D/L ONLY)					1DP
2010	176 21:30:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2011	177 00:00:00	31				VGR-31 OWLT IS 12H 41M 12S					1L
2012	177 00:50:11	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2013	177 03:30:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9817 (D/L ONLY)					1DP
2014	177 03:30:00	31				CFG CODES					1DP
2015	177 03:50:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9816					1DP
2016	177 04:24:49	31	60 SET			15.6 DEGREE SET DSC-60					1V
2017	177 08:19:38	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2018	177 11:00:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9817					1DP
2019	177 12:00:00	31				VGR-31 OWLT IS 12H 41M 15S					1L
2020	177 12:19:00	31	10 SET			10.2 DEGREE SET DSC-10					1V
2021	177 17:13:20	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2022	177 17:20:30	31	40 SET			10.2 DEGREE SET DSC-40					1V
2023	177 17:49:53	31			AC7SSB	(3 +002) SS BIAS CONTROL - PITCH	AACS		49004:44:003F	04-177/05:08:36	1ECa
2024	177 17:57:05	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		49004:53:002F	04-177/05:15:48	1ECd
2025	177 17:57:05	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2643	DTR		49004:53:002F	04-177/05:15:48	1ESd
2026	177 18:10:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9817 (D/L ONLY)					1DP
2027	177 18:10:00	31				CFG CODES					1DP
2028	177 19:33:29	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		49006:53:394F	04-177/06:52:11	1ECd

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2042	177 20:59:26	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		49008:40:735F	04-177/08:18:08	1ECd
2043	177 20:59:26	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:0560	DTR		49008:40:735F	04-177/08:18:08	1ESd
2044	177 20:59:27	31				BEGIN RECORDING PWS DATA			49008:40:751F	04-177/08:18:08	1T
2045	177 20:59:30	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	49008:41:001F	04-177/08:18:11	1ESf
2046	177 20:59:30	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		49008:41:002F	04-177/08:18:12	1ECs
2047	177 20:59:31	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		49008:41:026F	04-177/08:18:13	1ECf
2048	177 20:59:32	31				B- DRCRUS			49008:41:034F	04-177/08:18:13	1TB
2049	177 21:00:18	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	49008:42:001F	04-177/08:18:59	1ESf
2050	177 21:00:18	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		49008:42:002F	04-177/08:19:00	1ECs
2051	177 21:00:18	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		49008:42:002F	04-177/08:19:00	1ECd

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2052	177 21:00:18	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:0853	DTR		49008:42:002F	04-177/08:19:00	1ESd
2053	177 21:01:06	31			SC32AJ	(13) PLS CONFIG CMD	FDS		49008:43:009F	04-177/08:19:48	1ECf
2054	177 21:01:08	31				END PWSREC.31			49008:43:034F	04-177/08:19:49	1T
2055	177 23:06:43	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		49011:20:002F	04-177/10:25:24	1ECd
2056	177 23:06:43	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0859	DTR		49011:20:002F	04-177/10:25:24	1ESd
2057	178 00:00:00	31				VGR-31 OWLT IS 12H 41M 19S					1L
2058	178 00:29:16	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		49013:03:150F	04-177/11:47:56	1ECd
2059	178 00:29:16	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2643	DTR		49013:03:150F	04-177/11:47:56	1ESd
2060	178 00:46:13	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2061	178 02:06:44	31			CC16C	(7024) DTR STATE SELECT: READY	DTR		49015:05:002F	04-177/13:25:24	1ECd
2062	178 02:06:44	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:2643	DTR		49015:05:002F	04-177/13:25:24	1ESd
2063	178 03:30:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9818 (D/L ONLY)					1DP
2064	178 03:30:00	31				CFG CODES					1DP
2065	178 03:50:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9817					1DP
2066	178 04:20:53	31	60 SET			15.6 DEGREE SET DSC-60					1V

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2067	178 08:15:40	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2068	178 10:35:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9818					1DP
2069	178 12:00:00	31				VGR-31 OWLT IS 12H 41M 23S					1L
2070	178 12:15:02	31	10 SET			10.2 DEGREE SET DSC-10					1V
2071	178 17:09:22	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2072	178 17:16:32	31	40 SET			10.2 DEGREE SET DSC-40					1V
2073	178 20:40:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9818 (D/L ONLY)					1DP
2074	178 20:40:00	31				CFG CODES					1DP
2075	179 00:00:00	31				VGR-31 OWLT IS 12H 41M 27S					1L
2076	179 00:42:15	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2077	179 04:16:54	31	60 SET			15.6 DEGREE SET DSC-60					1V
2078	179 04:40:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9819 (D/L ONLY)					1DP
2079	179 04:40:00	31				CFG CODES					1DP
2080	179 05:00:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9818					1DP
2081	179 08:11:41	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2082	179 10:55:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9819					1DP
2083	179 12:00:00	31				VGR-31 OWLT IS 12H 41M 30S					1L
2084	179 12:11:03	31	10 SET			10.2 DEGREE SET DSC-10					1V
2085	179 17:05:25	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2086	179 17:12:34	31	40 SET			10.2 DEGREE SET DSC-40					1V
2087	179 21:20:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9819 (D/L ONLY)					1DP
2088	179 21:20:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2089	180 00:00:00	31				VGR-31 OWLT IS 12H 41M 34S					1L
2090	180 00:38:17	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2091	180 04:12:57	31	60 SET			15.6 DEGREE SET DSC-60					1V
2092	180 04:30:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9820 (D/L ONLY)					1DP
2093	180 04:30:00	31				CFG CODES					1DP
2094	180 04:50:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9819					1DP
2095	180 08:07:43	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2096	180 11:40:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9820					1DP
2097	180 12:00:00	31				VGR-31 OWLT IS 12H 41M 38S					1L
2098	180 12:07:05	31	10 SET			10.2 DEGREE SET DSC-10					1V
2099	180 17:01:27	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2100	180 17:08:37	31	40 SET			10.2 DEGREE SET DSC-40					1V
2101	180 21:20:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9820 (D/L ONLY)					1DP
2102	180 21:20:00	31				CFG CODES					1DP
2103	181 00:00:00	31				VGR-31 OWLT IS 12H 41M 42S					1L
2104	181 00:34:19	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2105	181 04:08:58	31	60 SET			15.6 DEGREE SET DSC-60					1V
2106	181 04:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9820					1DP
2107	181 06:00:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9821 (U/L PASS)					1DP
2108	181 08:03:44	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2109	181 12:00:00	31				VGR-31 OWLT IS 12H 41M 46S					1L
2110	181 12:03:07	31	10 SET			10.2 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2123	181 14:35:59	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	49120:41:001F	04-181/01:54:11	1ESf
2124	181 14:35:59	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		49120:41:002F	04-181/01:54:11	1ECs
2125	181 14:36:00	31				B- DRCRUS			49120:41:018F	04-181/01:54:12	1TB
2126	181 14:36:00	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		49120:41:026F	04-181/01:54:13	1ECf
2127	181 14:36:47	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	49120:42:001F	04-181/01:54:59	1ESf
2128	181 14:36:47	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		49120:42:002F	04-181/01:54:59	1ECs
2129	181 14:36:47	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		49120:42:002F	04-181/01:55:00	1ECd
2130	181 14:36:47	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:2350	DTR		49120:42:002F	04-181/01:55:00	1ESd
2131	181 14:37:35	31			SC32AJ	(13) PLS CONFIG CMD	FDS		49120:43:009F	04-181/01:55:48	1ECf
2132	181 14:37:36	31				END PWSREC.31			49120:43:018F	04-181/01:55:48	1T
2133	181 16:57:29	31	60RISE			10.2 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2134	181 17:04:39	31	40 SET			10.2 DEGREE SET DSC-40					1V
2135	181 21:10:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9821 (D/L ONLY)					1DP
2136	181 21:10:00	31				CFG CODES					1DP
2137	182 00:00:00	31				VGR-31 OWLT IS 12H 41M 50S					1L
2138	182 00:30:21	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2139	182 03:30:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9821					1DP
2140	182 04:05:01	31	60 SET			15.6 DEGREE SET DSC-60					1V
2141	182 04:45:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9822 (D/L ONLY)					1DP
2142	182 04:45:00	31				CFG CODES					1DP
2143	182 07:59:46	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2144	182 11:59:08	31	10 SET			10.2 DEGREE SET DSC-10					1V
2145	182 12:00:00	31				VGR-31 OWLT IS 12H 41M 54S					1L
2146	182 12:10:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9822					1DP
2147	182 16:53:31	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2148	182 17:00:41	31	40 SET			10.2 DEGREE SET DSC-40					1V
2149	182 19:46:32	31			AC7SSB	(3 +003) SS BIAS CONTROL - PITCH	AACS		49157:09:003F	04-182/07:04:36	1ECa
2150	182 21:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9822 (D/L ONLY)					1DP
2151	182 21:45:00	31				CFG CODES					1DP
2152	183 00:00:00	31				VGR-31 OWLT IS 12H 41M 58S					1L
2153	183 00:26:23	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2154	183 03:30:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9822					1DP
2155	183 03:45:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9823 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT 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	183 03:45:00	31				CFG CODES					1DP
2157	183 04:01:04	31	60	SET		15.6 DEGREE SET DSC-60					1V
2158	183 07:55:48	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
2159	183 10:35:00	31	25	LOS	OPCH ACE	LOS DSS-25 PASS-9823					1DP
2160	183 11:55:10	31	10	SET		10.2 DEGREE SET DSC-10					1V
2161	183 12:00:00	31				VGR-31 OWLT IS 12H 42M 02S					1L
2162	183 16:49:33	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
2163	183 16:56:43	31	40	SET		10.2 DEGREE SET DSC-40					1V
2164	183 21:15:00	31	65	AOS	OPCH ACE	AOS DSS-65 PASS-9823 (D/L ONLY)					1DP
2165	183 21:15:00	31				CFG CODES					1DP
2166	184 00:00:00	31				VGR-31 OWLT IS 12H 42M 06S					1L
2167	184 00:22:25	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
2168	184 03:05:00	31	15	AOS	OPCH ACE	AOS DSS-15 PASS-9824 (D/L ONLY)					1DP
2169	184 03:05:00	31				CFG CODES					1DP
2170	184 03:25:00	31	65	LOS	OPCH ACE	LOS DSS-65 PASS-9823					1DP
2171	184 03:57:05	31	60	SET		15.6 DEGREE SET DSC-60					1V
2172	184 07:51:49	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
2173	184 11:20:00	31	15	LOS	OPCH ACE	LOS DSS-15 PASS-9824					1DP
2174	184 11:51:12	31	10	SET		10.2 DEGREE SET DSC-10					1V
2175	184 12:00:00	31				VGR-31 OWLT IS 12H 42M 10S					1L
2176	184 16:45:36	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
2177	184 16:52:45	31	40	SET		10.2 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2191	184 20:34:50	31				BEGIN PWSREC.31			49218:09:018F	04-184/07:52:36	1T
2192	184 20:35:37	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		49218:10:009F	04-184/07:53:24	1ECf
2193	184 20:35:38	31				B- DRGS4B			49218:10:018F	04-184/07:53:24	1TB
2194	184 20:36:21	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		49218:10:735F	04-184/07:54:08	1ECd
2195	184 20:36:21	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:0859	DTR		49218:10:735F	04-184/07:54:08	1ESd
2196	184 20:36:22	31				BEGIN RECORDING PWS DATA			49218:10:751F	04-184/07:54:08	1T
2197	184 20:36:25	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	49218:11:001F	04-184/07:54:11	1ESf
2198	184 20:36:25	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		49218:11:002F	04-184/07:54:11	1ECs
2199	184 20:36:26	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		49218:11:026F	04-184/07:54:13	1ECf
2200	184 20:36:27	31				B- DRCRUS			49218:11:034F	04-184/07:54:13	1TB
2201	184 20:37:13	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	49218:12:001F	04-184/07:54:59	1ESf

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2202	184 20:37:13	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		49218:12:002F	04-184/07:55:00	1ECs
2203	184 20:37:13	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		49218:12:002F	04-184/07:55:00	1ECd
2204	184 20:37:13	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:1152	DTR		49218:12:002F	04-184/07:55:00	1ESd
2205	184 20:38:01	31			SC32AJ	(13) PLS CONFIG CMD	FDS		49218:13:009F	04-184/07:55:48	1ECf
2206	184 20:38:03	31				END PWSREC.31			49218:13:034F	04-184/07:55:49	1T
2207	184 21:45:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9824 (D/L ONLY)					1DP
2208	184 21:45:00	31				CFG CODES					1DP
2209	184 22:21:14	31			AC7SSB	(3 +004) SS BIAS CONTROL - PITCH	AACS		49220:22:003F	04-184/09:39:00	1ECa
2210	184 22:43:38	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		49220:50:002F	04-184/10:01:24	1ECd
2211	184 22:43:38	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1158	DTR		49220:50:002F	04-184/10:01:24	1ESd
2212	184 23:38:30	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		49221:58:465F	04-184/10:56:15	1ECd
2213	184 23:38:30	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2344	DTR		49221:58:465F	04-184/10:56:15	1ESd
2214	185 00:00:00	31				VGR-31 OWLT IS 12H 42M 14S					1L
2215	185 00:18:28	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2216	185 01:43:39	31			CC16C	(7024) DTR STATE SELECT: READY	DTR		49224:35:002F	04-184/13:01:24	1ECd

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2217	185 01:43:39	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:2344	DTR		49224:35:002F	04-184/13:01:24	1ESd
2218	185 03:53:09	31	60	SET		15.5 DEGREE SET DSC-60					1V
2219	185 04:10:00	31	15	AOS	OPCH ACE	AOS DSS-15 PASS-9825 (D/L ONLY)					1DP
2220	185 04:10:00	31				CFG CODES					1DP
2221	185 04:30:00	31	63	LOS	OPCH ACE	LOS DSS-63 PASS-9824					1DP
2222	185 07:47:51	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
2223	185 11:20:00	31	15	LOS	OPCH ACE	LOS DSS-15 PASS-9825					1DP
2224	185 11:47:13	31	10	SET		10.2 DEGREE SET DSC-10					1V
2225	185 12:00:00	31				VGR-31 OWLT IS 12H 42M 18S					1L
2226	185 16:41:38	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
2227	185 16:48:48	31	40	SET		10.2 DEGREE SET DSC-40					1V
2228	185 17:27:44	31			AC7SSB	(4 +141) SS BIAS CONTROL --- YAW	AACS		49244:15:003F	04-185/04:45:24	1ECa
2229	185 22:30:00	31	63	AOS	OPCH ACE	AOS DSS-63 PASS-9825 (D/L ONLY)					1DP
2230	185 22:30:00	31				CFG CODES					1DP
2231	186 00:00:00	31				VGR-31 OWLT IS 12H 42M 22S					1L
2232	186 00:14:30	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
2233	186 03:49:12	31	60	SET		15.5 DEGREE SET DSC-60					1V
2234	186 04:10:00	31	15	AOS	OPCH ACE	AOS DSS-15 PASS-9826 (D/L ONLY)					1DP
2235	186 04:10:00	31				CFG CODES					1DP
2236	186 04:30:00	31	63	LOS	OPCH ACE	LOS DSS-63 PASS-9825					1DP

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2237	186 07:43:52	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2238	186 11:15:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9826					1DP
2239	186 11:43:15	31	10 SET			10.2 DEGREE SET DSC-10					1V
2240	186 12:00:00	31				VGR-31 OWLT IS 12H 42M 27S					1L
2241	186 16:37:40	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2242	186 16:44:50	31	40 SET			10.2 DEGREE SET DSC-40					1V
2243	186 22:15:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9826 (D/L ONLY)					1DP
2244	186 22:15:00	31				CFG CODES					1DP
2245	187 00:00:00	31				VGR-31 OWLT IS 12H 42M 31S					1L
2246	187 00:10:32	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2247	187 03:45:13	31	60 SET			15.5 DEGREE SET DSC-60					1V
2248	187 04:00:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9827 (D/L ONLY)					1DP
2249	187 04:00:00	31				CFG CODES					1DP
2250	187 04:20:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9826					1DP
2251	187 07:39:54	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2252	187 11:10:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9827					1DP
2253	187 11:39:16	31	10 SET			10.2 DEGREE SET DSC-10					1V
2254	187 12:00:00	31				VGR-31 OWLT IS 12H 42M 35S					1L
2255	187 16:33:43	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2256	187 16:40:53	31	40 SET			10.2 DEGREE SET DSC-40					1V
2257	187 21:05:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9827 (D/L ONLY)					1DP
2258	187 21:05:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2276	188 14:12:52	31				BEGIN RECORDING PWS DATA			49330:10:734F	04-188/01:30:07	1T
2277	188 14:12:52	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		49330:10:735F	04-188/01:30:08	1ECd
2278	188 14:12:52	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:4 TIC:2344	DTR		49330:10:735F	04-188/01:30:08	1ESd
2279	188 14:12:56	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	49330:11:001F	04-188/01:30:11	1ESf
2280	188 14:12:56	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		49330:11:002F	04-188/01:30:11	1ECs
2281	188 14:12:57	31				B- DRCRUS			49330:11:018F	04-188/01:30:12	1TB
2282	188 14:12:57	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		49330:11:026F	04-188/01:30:13	1ECf
2283	188 14:13:44	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	49330:12:001F	04-188/01:30:59	1ESf
2284	188 14:13:44	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		49330:12:002F	04-188/01:30:59	1ECs
2285	188 14:13:44	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		49330:12:002F	04-188/01:31:00	1ECd

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2286	188 14:13:44	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:2051	DTR		49330:12:002F	04-188/01:31:00	1ESd
2287	188 14:14:32	31			SC32AJ	(13) PLS CONFIG CMD	FDS		49330:13:009F	04-188/01:31:48	1ECf
2288	188 14:14:33	31				END PWSREC.31			49330:13:018F	04-188/01:31:48	1T
2289	188 16:29:45	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2290	188 16:36:55	31	40 SET			10.2 DEGREE SET DSC-40					1V
2291	188 17:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9828 (D/L ONLY)					1DP
2292	188 17:30:00	31				CFG CODES					1DP
2293	189 00:00:00	31				VGR-31 OWLT IS 12H 42M 48S					1L
2294	189 00:02:37	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2295	189 02:45:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9829 (D/L ONLY)					1DP
2296	189 02:45:00	31				CFG CODES					1DP
2297	189 03:05:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9828					1DP
2298	189 03:37:19	31	60 SET			15.5 DEGREE SET DSC-60					1V
2299	189 07:31:57	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2300	189 10:15:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9829					1DP
2301	189 11:31:20	31	10 SET			10.2 DEGREE SET DSC-10					1V
2302	189 12:00:00	31				VGR-31 OWLT IS 12H 42M 52S					1L
2303	189 16:25:48	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2304	189 16:32:58	31	40 SET			10.2 DEGREE SET DSC-40					1V
2305	189 21:05:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9829 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2306	189 21:05:00	31				CFG CODES					1DP
2307	189 23:58:39	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2308	190 00:00:00	31				VGR-31 OWLT IS 12H 42M 57S					1L
2309	190 01:22:45	31			AC7SSB	(3 +005) SS BIAS CONTROL - PITCH	AACS		49374:08:003F	04-189/12:39:48	1ECa
2310	190 02:40:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9830 (D/L ONLY)					1DP
2311	190 02:40:00	31				CFG CODES					1DP
2312	190 03:00:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9829					1DP
2313	190 03:33:23	31	60 SET			15.5 DEGREE SET DSC-60					1V
2314	190 07:27:59	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2315	190 10:10:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9830					1DP
2316	190 11:27:22	31	10 SET			10.2 DEGREE SET DSC-10					1V
2317	190 12:00:00	31				VGR-31 OWLT IS 12H 43M 01S					1L
2318	190 16:21:50	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2319	190 16:29:00	31	40 SET			10.2 DEGREE SET DSC-40					1V
2320	190 21:00:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9830 (D/L ONLY)					1DP
2321	190 21:00:00	31				CFG CODES					1DP
2322	190 23:54:42	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2323	191 00:00:00	31				VGR-31 OWLT IS 12H 43M 05S					1L
2324	191 02:35:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9831 (D/L ONLY)					1DP
2325	191 02:35:00	31				CFG CODES					1DP
2326	191 02:55:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9830					1DP

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2342	191 20:11:01	31			CC16C	(7017) DTR STATE SELECT: READY	DTR		49427:38:002F	04-191/07:27:48	1ECd
2343	191 20:11:01	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:1158	DTR		49427:38:002F	04-191/07:27:48	1ESd
2344	191 20:11:49	31			SC32AJ	(10) PLS CONFIG CMD	FDS		49427:39:009F	04-191/07:28:36	1ECf
2345	191 20:11:50	31				AHEL11 PWSREC 13			49427:39:018F	04-191/07:28:36	1T
2346	191 20:11:50	31				B- PWSREC.31			49427:39:018F	04-191/07:28:36	1TB
2347	191 20:11:50	31				BEGIN PWSREC.31			49427:39:018F	04-191/07:28:36	1T
2348	191 20:12:37	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		49427:40:009F	04-191/07:29:24	1ECf
2349	191 20:12:38	31				B- DRGS4B			49427:40:018F	04-191/07:29:24	1TB
2350	191 20:13:21	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		49427:40:735F	04-191/07:30:08	1ECd
2351	191 20:13:21	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:1158	DTR		49427:40:735F	04-191/07:30:08	1ESd
2352	191 20:13:22	31				BEGIN RECORDING PWS DATA			49427:40:751F	04-191/07:30:08	1T
2353	191 20:13:25	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	49427:41:001F	04-191/07:30:11	1ESf
2354	191 20:13:25	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		49427:41:002F	04-191/07:30:11	1ECs

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2355	191 20:13:26	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		49427:41:026F	04-191/07:30:13	1ECf
2356	191 20:13:27	31				B- DRCSR			49427:41:034F	04-191/07:30:13	1TB
2357	191 20:14:13	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	49427:42:001F	04-191/07:30:59	1ESf
2358	191 20:14:13	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		49427:42:002F	04-191/07:30:59	1ECs
2359	191 20:14:13	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		49427:42:002F	04-191/07:31:00	1ECd
2360	191 20:14:13	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:1451	DTR		49427:42:002F	04-191/07:31:00	1ESd
2361	191 20:15:01	31			SC32AJ	(13) PLS CONFIG CMD	FDS		49427:43:009F	04-191/07:31:48	1ECf
2362	191 20:15:03	31				END PWSREC.31			49427:43:034F	04-191/07:31:49	1T
2363	191 21:00:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9831 (D/L ONLY)					1DP
2364	191 21:00:00	31				CFG CODES					1DP
2365	191 22:20:38	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		49430:20:002F	04-191/09:37:24	1ECd
2366	191 22:20:38	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1457	DTR		49430:20:002F	04-191/09:37:24	1ESd
2367	191 22:47:49	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		49430:53:780F	04-191/10:04:34	1ECd

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2368	191 22:47:49	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2045	DTR		49430:53:780F	04-191/10:04:34	1ESd
2369	191 23:50:44	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2370	192 00:00:00	31				VGR-31 OWLT IS 12H 43M 14S					1L
2371	192 01:20:39	31			CC16C	(7024) DTR STATE SELECT: READY	DTR		49434:05:002F	04-191/12:37:24	1ECd
2372	192 01:20:39	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:2045	DTR		49434:05:002F	04-191/12:37:24	1ESd
2373	192 03:25:27	31	60 SET			15.5 DEGREE SET DSC-60					1V
2374	192 03:40:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9832 (D/L ONLY)					1DP
2375	192 03:40:00	31				CFG CODES					1DP
2376	192 04:00:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9831					1DP
2377	192 07:20:02	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2378	192 10:00:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9832					1DP
2379	192 11:19:25	31	10 SET			10.2 DEGREE SET DSC-10					1V
2380	192 12:00:00	31				VGR-31 OWLT IS 12H 43M 19S					1L
2381	192 16:13:55	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2382	192 16:21:05	31	40 SET			10.2 DEGREE SET DSC-40					1V
2383	192 20:55:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9832 (D/L ONLY)					1DP
2384	192 20:55:00	31				CFG CODES					1DP
2385	192 23:15:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9832 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2386	192 23:15:00	31				CFG CODES					1DP
2387	192 23:35:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9832					1DP
2388	192 23:46:47	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2389	193 00:00:00	31				VGR-31 OWLT IS 12H 43M 23S					1L
2390	193 03:21:30	31	60 SET			15.5 DEGREE SET DSC-60					1V
2391	193 04:00:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9832					1DP
2392	193 05:15:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9833 (D/L ONLY)					1DP
2393	193 05:15:00	31				CFG CODES					1DP
2394	193 07:16:04	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2395	193 10:00:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9833					1DP
2396	193 11:15:27	31	10 SET			10.2 DEGREE SET DSC-10					1V
2397	193 12:00:00	31				VGR-31 OWLT IS 12H 43M 28S					1L
2398	193 16:09:58	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2399	193 16:17:08	31	40 SET			10.2 DEGREE SET DSC-40					1V
2400	193 20:45:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9833 (D/L ONLY)					1DP
2401	193 20:45:00	31				CFG CODES					1DP
2402	193 23:42:49	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2403	194 00:00:00	31				VGR-31 OWLT IS 12H 43M 32S					1L
2404	194 03:17:33	31	60 SET			15.5 DEGREE SET DSC-60					1V
2405	194 03:40:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9834 (D/L ONLY)					1DP
2406	194 03:40:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2442	195 13:49:55	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		49539:40:735F	04-195/01:06:08	1ECd
2443	195 13:49:55	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:4 TIC:2045	DTR		49539:40:735F	04-195/01:06:08	1ESd
2444	195 13:49:59	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	49539:41:001F	04-195/01:06:11	1ESf
2445	195 13:49:59	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		49539:41:002F	04-195/01:06:11	1ECs
2446	195 13:50:00	31				B- DRCRUS			49539:41:018F	04-195/01:06:12	1TB
2447	195 13:50:00	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		49539:41:026F	04-195/01:06:13	1ECf
2448	195 13:50:47	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	49539:42:001F	04-195/01:06:59	1ESf
2449	195 13:50:47	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		49539:42:002F	04-195/01:06:59	1ECs
2450	195 13:50:47	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		49539:42:002F	04-195/01:07:00	1ECd

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2451	195 13:50:47	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:1752	DTR		49539:42:002F	04-195/01:07:00	1ESd
2452	195 13:51:35	31			SC32AJ	(13) PLS CONFIG CMD	FDS		49539:43:009F	04-195/01:07:48	1ECf
2453	195 13:51:36	31				END PWSREC.31			49539:43:018F	04-195/01:07:48	1T
2454	195 16:02:03	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2455	195 16:09:13	31	40 SET			10.2 DEGREE SET DSC-40					1V
2456	195 20:30:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9835 (D/L ONLY)					1DP
2457	195 20:30:00	31				CFG CODES					1DP
2458	195 23:34:55	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2459	196 00:00:00	31				VGR-31 OWLT IS 12H 43M 51S					1L
2460	196 00:50:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9835					1DP
2461	196 00:50:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9836 (D/L ONLY)					1DP
2462	196 00:50:00	31				CFG CODES					1DP
2463	196 03:09:40	31	60 SET			15.5 DEGREE SET DSC-60					1V
2464	196 04:15:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9836 (D/L ONLY)					1DP
2465	196 04:15:00	31				CFG CODES					1DP
2466	196 04:35:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9836					1DP
2467	196 07:04:08	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2468	196 10:35:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9836					1DP
2469	196 11:03:32	31	10 SET			10.2 DEGREE SET DSC-10					1V
2470	196 12:00:00	31				VGR-31 OWLT IS 12H 43M 56S					1L

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2471	196 15:58:06	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2472	196 16:05:16	31	40 SET			10.2 DEGREE SET DSC-40					1V
2473	196 18:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9836 (D/L ONLY)					1DP
2474	196 18:30:00	31				CFG CODES					1DP
2475	196 23:30:57	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2476	197 00:00:00	31				VGR-31 OWLT IS 12H 44M 00S					1L
2477	197 02:10:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9837 (D/L ONLY)					1DP
2478	197 02:10:00	31				CFG CODES					1DP
2479	197 02:30:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9836					1DP
2480	197 03:05:43	31	60 SET			15.5 DEGREE SET DSC-60					1V
2481	197 04:04:38	31			AC7SSB	(4 +140) SS BIAS CONTROL --- YAW	AACS		49587:29:003F	04-196/15:20:36	1ECa
2482	197 07:00:10	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2483	197 10:30:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9837					1DP
2484	197 10:59:33	31	10 SET			10.2 DEGREE SET DSC-10					1V
2485	197 12:00:00	31				VGR-31 OWLT IS 12H 44M 05S					1L
2486	197 15:54:09	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2487	197 16:01:19	31	40 SET			10.2 DEGREE SET DSC-40					1V
2488	197 20:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9837 (D/L ONLY)					1DP
2489	197 20:45:00	31				CFG CODES					1DP
2490	197 23:27:00	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2491	198 00:00:00	31				VGR-31 OWLT IS 12H 44M 10S					1L
2492	198 02:10:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9838 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT 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	198 19:50:30	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	49637:11:001F	04-198/07:06:11	1ESf
2525	198 19:50:30	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		49637:11:002F	04-198/07:06:11	1ECs
2526	198 19:50:31	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		49637:11:026F	04-198/07:06:13	1ECf
2527	198 19:50:32	31				B- DRCRUS			49637:11:034F	04-198/07:06:13	1TB
2528	198 19:51:18	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	49637:12:001F	04-198/07:06:59	1ESf
2529	198 19:51:18	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		49637:12:002F	04-198/07:07:00	1ECs
2530	198 19:51:18	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		49637:12:002F	04-198/07:07:00	1ECd
2531	198 19:51:18	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:1750	DTR		49637:12:002F	04-198/07:07:00	1ESd
2532	198 19:52:06	31			SC32AJ	(13) PLS CONFIG CMD	FDS		49637:13:009F	04-198/07:07:48	1ECf
2533	198 19:52:08	31				END PWSREC.31			49637:13:034F	04-198/07:07:49	1T
2534	198 20:40:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9838 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2535	198 20:40:00	31				CFG CODES					1DP
2536	198 21:57:42	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		49639:50:002F	04-198/09:13:24	1ECd
2537	198 21:57:42	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:1756	DTR		49639:50:002F	04-198/09:13:24	1ESd
2538	198 21:58:09	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		49639:50:460F	04-198/09:13:51	1ECd
2539	198 21:58:09	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1746	DTR		49639:50:460F	04-198/09:13:51	1ESd
2540	198 23:23:03	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2541	199 00:00:00	31				VGR-31 OWLT IS 12H 44M 19S					1L
2542	199 00:57:44	31			CC16C	(7024) DTR STATE SELECT: READY	DTR		49643:35:002F	04-198/12:13:24	1ECd
2543	199 00:57:44	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:1746	DTR		49643:35:002F	04-198/12:13:24	1ESd
2544	199 02:05:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9839 (D/L ONLY)					1DP
2545	199 02:05:00	31				CFG CODES					1DP
2546	199 02:25:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9838					1DP
2547	199 02:57:50	31	60 SET			15.5 DEGREE SET DSC-60					1V
2548	199 06:52:13	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2549	199 09:35:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9839					1DP
2550	199 10:51:37	31	10 SET			10.2 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT 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	199 12:00:00	31				VGR-31 OWLT IS 12H 44M 24S					1L
2552	199 15:46:15	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2553	199 15:53:25	31	40 SET			10.2 DEGREE SET DSC-40					1V
2554	199 22:50:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9839 (D/L ONLY)					1DP
2555	199 22:50:00	31				CFG CODES					1DP
2556	199 23:19:06	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2557	200 00:00:00	31				VGR-31 OWLT IS 12H 44M 29S					1L
2558	200 02:53:51	31	60 SET			15.5 DEGREE SET DSC-60					1V
2559	200 03:10:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9840 (D/L ONLY)					1DP
2560	200 03:10:00	31				CFG CODES					1DP
2561	200 03:30:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9839					1DP
2562	200 06:48:15	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2563	200 07:25:56	31			AC7SSB	(3 +007) SS BIAS CONTROL - PITCH	AACS		49681:40:003F	04-199/18:41:24	1ECa
2564	200 09:30:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9840					1DP
2565	200 10:47:39	31	10 SET			10.2 DEGREE SET DSC-10					1V
2566	200 12:00:00	31				VGR-31 OWLT IS 12H 44M 34S					1L
2567	200 15:42:18	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2568	200 15:49:28	31	40 SET			10.2 DEGREE SET DSC-40					1V
2569	200 20:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9840 (D/L ONLY)					1DP
2570	200 20:30:00	31				CFG CODES					1DP
2571	200 23:00:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9840 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2572	200 23:00:00	31				CFG CODES					1DP
2573	200 23:15:09	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2574	200 23:20:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9840					1DP
2575	201 00:00:00	31				VGR-31 OWLT IS 12H 44M 39S					1L
2576	201 02:49:56	31	60 SET			15.5 DEGREE SET DSC-60					1V
2577	201 03:10:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9841 (D/L ONLY)					1DP
2578	201 03:10:00	31				CFG CODES					1DP
2579	201 03:30:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9840					1DP
2580	201 06:10:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9841 (D/L ONLY)					1DP
2581	201 06:10:00	31				CFG CODES					1DP
2582	201 06:30:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9841					1DP
2583	201 06:44:17	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2584	201 10:15:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9841					1DP
2585	201 10:43:41	31	10 SET			10.2 DEGREE SET DSC-10					1V
2586	201 12:00:00	31				VGR-31 OWLT IS 12H 44M 44S					1L
2587	201 15:38:21	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2588	201 15:45:31	31	40 SET			10.2 DEGREE SET DSC-40					1V
2589	201 17:15:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9841 (U/L PASS)					1DP
2590	201 21:23:48	31				A052 UPLINK			49729:07:018F	04-201/08:39:00	1T
2591	201 21:54:11	31				FINAL SPACECRAFT STATUS			49729:44:785F	04-201/09:09:23	1TI
2592	201 21:54:11	31				RADIO STATUS			49729:44:785F	04-201/09:09:23	1TI
2593	201 21:54:11	31			DC2AR	S-BAND RANGING OFF			49729:44:785F	04-201/09:09:23	1TI

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2594	201 21:54:11	31			DC2DR	S-BAND LO PWR			49729:44:785F	04-201/09:09:23	1TI
2595	201 21:54:11	31			DC2HR	X-BAND LO PWR			49729:44:785F	04-201/09:09:23	1TI
2596	201 21:54:11	31			DC2N	X-BAND RANGING ON			49729:44:785F	04-201/09:09:23	1TI
2597	201 21:54:11	31			DC2P	2 WAY NON-COHERENT ON			49729:44:785F	04-201/09:09:23	1TI
2598	201 21:54:11	31			DC2QR	USO OFF			49729:44:785F	04-201/09:09:23	1TI
2599	201 21:54:11	31			CC2BRP	S-BAND EXC-2 SEL			49729:44:785F	04-201/09:09:23	1TI
2600	201 21:54:11	31			CC2CRP	S-BAND TRANS-2 SEL			49729:44:785F	04-201/09:09:23	1TI
2601	201 21:54:11	31			CC2FP	RCVR-1 SEL			49729:44:785F	04-201/09:09:23	1TI
2602	201 21:54:11	31			CC2JP	X-BAND EXC-1 SEL			49729:44:785F	04-201/09:09:23	1TI
2603	201 21:54:11	31			CC2GP	X-BAND ON			49729:44:785F	04-201/09:09:23	1TI
2604	201 21:54:11	31			CC2KRP	S-BAND OFF			49729:44:785F	04-201/09:09:23	1TI
2605	201 21:54:11	31			CC2LP	X-BAND TWTA-1 SEL			49729:44:785F	04-201/09:09:23	1TI
2606	201 21:54:11	31			CC2MP	S-BAND EXC ON			49729:44:785F	04-201/09:09:23	1TI
2607	201 21:54:11	31			DC2E	HGA SELECT			49729:44:785F	04-201/09:09:23	1TI
2608	201 21:54:11	31			CC1T	BAY 1 HTR ON			49729:44:785F	04-201/09:09:23	1TI
2609	201 21:54:11	31				MDS STATUS			49729:44:785F	04-201/09:09:23	1TI
2610	201 21:54:11	31			CC3BP	TMU ON			49729:44:785F	04-201/09:09:23	1TI
2611	201 21:54:11	31			CC3GP	TMU-A SEL			49729:44:785F	04-201/09:09:23	1TI
2612	201 21:54:11	31			CC3HP	CDU-A SEL			49729:44:785F	04-201/09:09:23	1TI
2613	201 21:54:11	31			CC3A	32310 X-BAND			49729:44:785F	04-201/09:09:23	1TI
2614	201 21:54:11	31			CC3A	28301 S-BAND			49729:44:785F	04-201/09:09:23	1TI
2615	201 21:54:11	31				POWER STATUS			49729:44:785F	04-201/09:09:23	1TI
2616	201 21:54:11	31			CC4A	UNDERVOLTAGE TRIP RESET			49729:44:785F	04-201/09:09:23	1TI

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2617	201 21:54:11	31			CC4K	RTG-1 DIODE BYPASS ON			49729:44:785F	04-201/09:09:23	1TI
2618	201 21:54:11	31			CC4L	RTG-2 DIODE BYPASS ON			49729:44:785F	04-201/09:09:23	1TI
2619	201 21:54:11	31			CC4M	RTG-3 DIODE BYPASS ON			49729:44:785F	04-201/09:09:23	1TI
2620	201 21:54:11	31				CCS STATUS			49729:44:785F	04-201/09:09:23	1TI
2621	201 21:54:11	31			DC5AR	CCS TOL DET ENABLE			49729:44:785F	04-201/09:09:23	1TI
2622	201 21:54:11	31				FDS STATUS			49729:44:785F	04-201/09:09:23	1TI
2623	201 21:54:11	31			CC6CP	FDS ON/ISS PWR ENABLE			49729:44:785F	04-201/09:09:23	1TI
2624	201 21:54:11	31			CC6AA	1 SVC-W1			49729:44:785F	04-201/09:09:23	1TI
2625	201 21:54:11	31			CC6AD	3200 SVC-W4			49729:44:785F	04-201/09:09:23	1TI
2626	201 21:54:11	31			CC6AE	30011 SVC-W5			49729:44:785F	04-201/09:09:23	1TI
2627	201 21:54:11	31			CC6AP	FDS PWR CONV A SEL			49729:44:785F	04-201/09:09:23	1TI
2628	201 21:54:11	31			CC6AB	01000 SVC-W2			49729:44:785F	04-201/09:09:23	1TI
2629	201 21:54:11	31			SC06BB	530070 FDS DATA MODE			49729:44:785F	04-201/09:09:23	1TI
2630	201 21:54:11	31				AACS STATUS			49729:44:785F	04-201/09:09:23	1TI
2631	201 21:54:11	31			AC7PCG	14 HYBIC 2 PWR ON			49729:44:785F	04-201/09:09:23	1TI
2632	201 21:54:11	31			CC7ML	05 CST ON			49729:44:785F	04-201/09:09:23	1TI
2633	201 21:54:11	31			AC7CTG	10 394 CST HI GATE			49729:44:785F	04-201/09:09:23	1TI
2634	201 21:54:11	31			AC7CTG	11 442 CST LO GATE			49729:44:785F	04-201/09:09:23	1TI
2635	201 21:54:11	31			AC7GYP	111 GYRO PATTERN			49729:44:785F	04-201/09:09:23	1TI
2636	201 21:54:11	31			AC7PCG	52 GYRO A OFF			49729:44:785F	04-201/09:09:23	1TI
2637	201 21:54:11	31			AC7PCG	62 GYRO B OFF			49729:44:785F	04-201/09:09:23	1TI
2638	201 21:54:11	31			AC7PCG	72 GYRO C OFF			49729:44:785F	04-201/09:09:23	1TI
2639	201 21:54:11	31			AC7PAR	7530 000000 GYRO OFF NORM			49729:44:785F	04-201/09:09:23	1TI

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2640	201 21:54:11	31			AC7PAR	6740 000740 PITCH DEADBAND			49729:44:785F	04-201/09:09:23	1TI
2641	201 21:54:11	31			AC7PAR	6741 001700 YAW DEADBAND			49729:44:785F	04-201/09:09:23	1TI
2642	201 21:54:11	31			AC7PAR	6742 004540 ROLL DEADBAND			49729:44:785F	04-201/09:09:23	1TI
2643	201 21:54:11	31			DEADBAND	DEAD BAND STATE: 05 10 25			49729:44:785F	04-201/09:09:23	1TI
2644	201 21:54:11	31			CC7SS	1 AACS TO RAI			49729:44:785F	04-201/09:09:23	1TI
2645	201 21:54:11	31			CC7CT	01 CST CONE ANGLE 1			49729:44:785F	04-201/09:09:23	1TI
2646	201 21:54:11	31			AC7DDB	000480 DEAD BAND CONTROL			49729:44:785F	04-201/09:09:23	1TI
2647	201 21:54:11	31			CC7AHRP	SS HTR A OFF			49729:44:785F	04-201/09:09:23	1TI
2648	201 21:54:11	31			CC7BHP	SS HTR B ON			49729:44:785F	04-201/09:09:23	1TI
2649	201 21:54:11	31			CC7ML	01 FDS CHAN A			49729:44:785F	04-201/09:09:23	1TI
2650	201 21:54:11	31			CC7ML	09 TCAPU FAULT ENA			49729:44:785F	04-201/09:09:23	1TI
2651	201 21:54:11	31			AC7PCG	61 AACS BAY 6 HTR A OFF			49729:44:785F	04-201/09:09:23	1TI
2652	201 21:54:11	31			AC7PCG	71 AACS BAY 6 HTR B OFF			49729:44:785F	04-201/09:09:23	1TI
2653	201 21:54:11	31			CC7MMRP	PROC/MEM 2 SELECT			49729:44:785F	04-201/09:09:23	1TI
2654	201 21:54:11	31			CC7SHRP	AZ SCAN ACTUATOR HTR OFF			49729:44:785F	04-201/09:09:23	1TI
2655	201 21:54:11	31			AC7PCG	22 CST SUN SHUTTER OFF			49729:44:785F	04-201/09:09:23	1TI
2656	201 21:54:11	31			AC7PCG	10 ISO VALVE BRANCH 1 OFF			49729:44:785F	04-201/09:09:23	1TI
2657	201 21:54:11	31			AC7PCG	20 ISO VALVE BRANCH 2 OFF			49729:44:785F	04-201/09:09:23	1TI
2658	201 21:54:11	31			CC1PHP	SCAN PLAT SUPL HTR ON			49729:44:785F	04-201/09:09:23	1TI
2659	201 21:54:11	31			CC77MRP	MAM OFF			49729:44:785F	04-201/09:09:23	1TI
2660	201 21:54:11	31			DC77PR	NON-PRIME FCP/MEM OFF			49729:44:785F	04-201/09:09:23	1TI
2661	201 21:54:11	31			DC77XR	MAM COMMAND DISABLE			49729:44:785F	04-201/09:09:23	1TI
2662	201 21:54:11	31				PYRO STATUS			49729:44:785F	04-201/09:09:23	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
2663	201 21:54:11	31			CC8D	PSU INSTRUMENTATION ON			49729:44:785F	04-201/09:09:23	1TI
2664	201 21:54:11	31			DC8XR	PYRO DISABLE			49729:44:785F	04-201/09:09:23	1TI
2665	201 21:54:11	31				PROPULSION STATUS			49729:44:785F	04-201/09:09:23	1TI
2666	201 21:54:11	31			CC10CRP	TCM HTR OFF			49729:44:785F	04-201/09:09:23	1TI
2667	201 21:54:11	31			CC10DR	AP BR1 HTR OFF			49729:44:785F	04-201/09:09:23	1TI
2668	201 21:54:11	31			CC10ER	AP BR2 HTR OFF			49729:44:785F	04-201/09:09:23	1TI
2669	201 21:54:11	31			CC10TRP	TCM LINE HTRS OFF			49729:44:785F	04-201/09:09:23	1TI
2670	201 21:54:11	31				DSS STATUS			49729:44:785F	04-201/09:09:23	1TI
2671	201 21:54:11	31			CC16BR	DSS 10 W REPL HTR OFF			49729:44:785F	04-201/09:09:23	1TI
2672	201 21:54:11	31			CC16AP	DSS ON			49729:44:785F	04-201/09:09:23	1TI
2673	201 21:54:11	31			CC1DR	BAY 2 19 W HTR OFF			49729:44:785F	04-201/09:09:23	1TI
2674	201 21:54:11	31			CC16C	7224 DSS CONTROL			49729:44:785F	04-201/09:09:23	1TI
2675	201 21:54:11	31				SCIENCE PWR STATUS			49729:44:785F	04-201/09:09:23	1TI
2676	201 21:54:11	31			CC1CR	MAG COIL OFF			49729:44:785F	04-201/09:09:23	1TI
2677	201 21:54:11	31			CC21A	CRS ON			49729:44:785F	04-201/09:09:23	1TI
2678	201 21:54:11	31			CC21B	CRS REPL HTR ON			49729:44:785F	04-201/09:09:23	1TI
2679	201 21:54:11	31			CC21CR	CRS SUPP HTR OFF			49729:44:785F	04-201/09:09:23	1TI
2680	201 21:54:11	31			CC22A	PRA ON			49729:44:785F	04-201/09:09:23	1TI
2681	201 21:54:11	31			CC23A	PWS ON			49729:44:785F	04-201/09:09:23	1TI
2682	201 21:54:11	31			CC25A	LECP ON			49729:44:785F	04-201/09:09:23	1TI
2683	201 21:54:11	31			CC25B	LECP STEPPER MOTOR ON			49729:44:785F	04-201/09:09:23	1TI
2684	201 21:54:11	31			CC25CR	LECP REPL HTR OFF			49729:44:785F	04-201/09:09:23	1TI
2685	201 21:54:11	31			CC25D	LECP MAIN SUPP HTR ON			49729:44:785F	04-201/09:09:23	1TI

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2686	201 21:54:11	31			CC25E	LECP LEPT SUPP HTR ON			49729:44:785F	04-201/09:09:23	1TI
2687	201 21:54:11	31			CC27BR	PPS SUPP HTR OFF			49729:44:785F	04-201/09:09:23	1TI
2688	201 21:54:11	31			CC32A	PLS ON			49729:44:785F	04-201/09:09:23	1TI
2689	201 21:54:11	31			CC32BR	PLS SUPP HTR OFF			49729:44:785F	04-201/09:09:23	1TI
2690	201 21:54:11	31			CC32C	PLS REPL HTR ON			49729:44:785F	04-201/09:09:23	1TI
2691	201 21:54:11	31			CC34A	UVS ON			49729:44:785F	04-201/09:09:23	1TI
2692	201 21:54:11	31			CC34B	UVS REPL HTR ON			49729:44:785F	04-201/09:09:23	1TI
2693	201 21:54:11	31			CC35AR	MAG OFF			49729:44:785F	04-201/09:09:23	1TI
2694	201 21:54:11	31			CC35B	MAG STANDBY ON			49729:44:785F	04-201/09:09:23	1TI
2695	201 21:54:11	31			CC35GR	MAG SENSOR HTR OFF			49729:44:785F	04-201/09:09:23	1TI
2696	201 21:54:11	31			CC36GR	ISS WA VID REPL HTR OFF			49729:44:785F	04-201/09:09:23	1TI
2697	201 21:54:11	31			CC36HR	ISS WA ELEC REPL HTR OFF			49729:44:785F	04-201/09:09:23	1TI
2698	201 21:54:11	31			CC36CRP	ISS NA OPTICS HTR OFF			49729:44:785F	04-201/09:09:23	1TI
2699	201 21:54:11	31			CC36FRP	ISS NA VID REPL HTR OFF			49729:44:785F	04-201/09:09:23	1TI
2700	201 21:54:11	31			CC36JP	ISS NA ELEC REPL HTR ON			49729:44:785F	04-201/09:09:23	1TI
2701	201 21:54:11	31			CC39D	IRIS REPL HTR ON			49729:44:785F	04-201/09:09:23	1TI
2702	201 21:54:11	31			CC39FR	IRIS STANDBY A SUPPLY OFF			49729:44:785F	04-201/09:09:23	1TI
2703	201 21:54:11	31			CC39BR	IRIS STANDBY B SUPPLY OFF			49729:44:785F	04-201/09:09:23	1TI
2704	201 21:54:11	31				SCIENCE INSTRUMENT STATUS			49729:44:785F	04-201/09:09:23	1TI
2705	201 21:54:11	31			SC21AF	01000 CRS CMD WORD			49729:44:785F	04-201/09:09:23	1TI
2706	201 21:54:11	31			SC21AF	02000 CRS CMD WORD			49729:44:785F	04-201/09:09:23	1TI
2707	201 21:54:11	31			SC21AF	03000 CRS CMD WORD			49729:44:785F	04-201/09:09:23	1TI
2708	201 21:54:11	31			SC21AF	04000 CRS CMD WORD			49729:44:785F	04-201/09:09:23	1TI

FINAL SEQUENCE FOR JST A051 (TOL/A051F - EVTSDR/A051AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2709	201 21:54:11	31			SC21AF	05300 CRS CMD WORD			49729:44:785F	04-201/09:09:23	1TI
2710	201 21:54:11	31			SC21AF	06000 CRS CMD WORD			49729:44:785F	04-201/09:09:23	1TI
2711	201 21:54:11	31			SC21AF	07200 CRS CMD WORD			49729:44:785F	04-201/09:09:23	1TI
2712	201 21:54:11	31			SC21AF	08200 CRS CMD WORD			49729:44:785F	04-201/09:09:23	1TI
2713	201 21:54:11	31			SC21AF	10000 CRS CMD WORD			49729:44:785F	04-201/09:09:23	1TI
2714	201 21:54:11	31			SC21AF	11000 CRS CMD WORD			49729:44:785F	04-201/09:09:23	1TI
2715	201 21:54:11	31			SC21AF	12000 CRS CMD WORD			49729:44:785F	04-201/09:09:23	1TI
2716	201 21:54:11	31			SC21AF	13012 CRS CMD WORD			49729:44:785F	04-201/09:09:23	1TI
2717	201 21:54:11	31			SC21AG	CRS HV FLAG			49729:44:785F	04-201/09:09:23	1TI
2718	201 21:54:11	31			SC21AH	CRS CAL-ST FLAG			49729:44:785F	04-201/09:09:23	1TI
2719	201 21:54:11	31			SC22AF	1347 PRA CONFIGURATION CMD			49729:44:785F	04-201/09:09:23	1TI
2720	201 21:54:11	31			SC22NU	0000 PRA MODE SELECT			49729:44:785F	04-201/09:09:23	1TI
2721	201 21:54:11	31			SC23AD	5 PWS CMD WORD			49729:44:785F	04-201/09:09:23	1TI
2722	201 21:54:11	31			SC25AH	1777 LECP CMD WORD			49729:44:785F	04-201/09:09:23	1TI
2723	201 21:54:11	31			SC25AH	2417 LECP CMD WORD			49729:44:785F	04-201/09:09:23	1TI
2724	201 21:54:11	31			SC25AH	5600 LECP CMD WORD			49729:44:785F	04-201/09:09:23	1TI
2725	201 21:54:11	31			SC25AH	6032 LECP CMD WORD			49729:44:785F	04-201/09:09:23	1TI
2726	201 21:54:11	31			SC25AJ	1 LECP MOTOR STEP CMD			49729:44:785F	04-201/09:09:23	1TI
2727	201 21:54:11	31			SC25AN	0 LECP NEAR/FAR ENC			49729:44:785F	04-201/09:09:23	1TI
2728	201 21:54:11	31			SC25AQ	5200 LECP SAFE CMD			49729:44:785F	04-201/09:09:23	1TI
2729	201 21:54:11	31			SC32AF	2 PLS E1 INT/AMP GAIN			49729:44:785F	04-201/09:09:23	1TI
2730	201 21:54:11	31			SC32AG	2 PLS E2 INT/AMP GAIN			49729:44:785F	04-201/09:09:23	1TI
2731	201 21:54:11	31			SC32AH	3 PLS M INT/AMP GAIN			49729:44:785F	04-201/09:09:23	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
2732	201 21:54:11	31			SC32AJ	13 PLS CONFIG CMD			49729:44:785F	04-201/09:09:23	1TI
2733	201 21:54:11	31			SC32AK	2 PLS L INT/AMP GAIN			49729:44:785F	04-201/09:09:23	1TI
2734	201 21:54:11	31			SC32AL	216 PLS M START WORD 1			49729:44:785F	04-201/09:09:23	1TI
2735	201 21:54:11	31			SC32AM	216 PLS M START WORD 2			49729:44:785F	04-201/09:09:23	1TI
2736	201 21:54:11	31			SC32AN	2 PLS M MODE			49729:44:785F	04-201/09:09:23	1TI
2737	201 21:54:11	31			SC32AP	3 PLS E1 SHRT			49729:44:785F	04-201/09:09:23	1TI
2738	201 21:54:11	31			SC32AQ	3 PLS E2 SHRT			49729:44:785F	04-201/09:09:23	1TI
2739	201 21:54:11	31			SC32AR	3 PLS L SHORT			49729:44:785F	04-201/09:09:23	1TI
2740	201 21:54:11	31			SC32AS	2 PLS E1 LONG			49729:44:785F	04-201/09:09:23	1TI
2741	201 21:54:11	31			SC32AT	2 PLS E2 LONG			49729:44:785F	04-201/09:09:23	1TI
2742	201 21:54:11	31			SC32AU	2 PLS L LONG			49729:44:785F	04-201/09:09:23	1TI
2743	201 21:54:11	31			SC34AE	13 UVS MODE/HV LEVEL			49729:44:785F	04-201/09:09:23	1TI
2744	201 21:54:11	31			SC34AF	0 UVS READ OUT FLAG			49729:44:785F	04-201/09:09:23	1TI
2745	201 21:54:11	31			SC35AI	030001 MAG HFM/EL FLIP/IFC/LFM			49729:44:785F	04-201/09:09:23	1TI
2746	201 21:54:11	31			SC35AO	030001 MAG HFM/PRIME/IFC/LFM RAN			49729:44:785F	04-201/09:09:23	1TI