



FINAL FLIGHT SOE

S/C 31

SEQUENCE ID A053BA DATE OF RELEASE October 13, 2004

EXECUTION PERIOD 10/18/2004 to 01/17/2005 (04-292 to 05-017)

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

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FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT 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	292 22:11:13	31				INITIAL SPACECRAFT STATUS			52459:44:785F	04-292/09:09:23	1TI
2	292 22:11:13	31				RADIO STATUS			52459:44:785F	04-292/09:09:23	1TI
3	292 22:11:13	31			DC2AR	S-BAND RANGING OFF			52459:44:785F	04-292/09:09:23	1TI
4	292 22:11:13	31			DC2DR	S-BAND LO PWR			52459:44:785F	04-292/09:09:23	1TI
5	292 22:11:13	31			DC2HR	X-BAND LO PWR			52459:44:785F	04-292/09:09:23	1TI
6	292 22:11:13	31			DC2N	X-BAND RANGING ON			52459:44:785F	04-292/09:09:23	1TI
7	292 22:11:13	31			DC2P	2 WAY NON-COHERENT ON			52459:44:785F	04-292/09:09:23	1TI
8	292 22:11:13	31			DC2QR	USO OFF			52459:44:785F	04-292/09:09:23	1TI
9	292 22:11:13	31			CC2BRP	S-BAND EXC-2 SEL			52459:44:785F	04-292/09:09:23	1TI
10	292 22:11:13	31			CC2CRP	S-BAND TRANS-2 SEL			52459:44:785F	04-292/09:09:23	1TI
11	292 22:11:13	31			CC2FP	RCVR-1 SEL			52459:44:785F	04-292/09:09:23	1TI
12	292 22:11:13	31			CC2JP	X-BAND EXC-1 SEL			52459:44:785F	04-292/09:09:23	1TI
13	292 22:11:13	31			CC2GP	X-BAND ON			52459:44:785F	04-292/09:09:23	1TI
14	292 22:11:13	31			CC2KRP	S-BAND OFF			52459:44:785F	04-292/09:09:23	1TI
15	292 22:11:13	31			CC2LP	X-BAND TWTA-1 SEL			52459:44:785F	04-292/09:09:23	1TI
16	292 22:11:13	31			CC2MP	S-BAND EXC ON			52459:44:785F	04-292/09:09:23	1TI
17	292 22:11:13	31			DC2E	HGA SELECT			52459:44:785F	04-292/09:09:23	1TI
18	292 22:11:13	31			CC1T	BAY 1 HTR ON			52459:44:785F	04-292/09:09:23	1TI
19	292 22:11:13	31				MDS STATUS			52459:44:785F	04-292/09:09:23	1TI
20	292 22:11:13	31			CC3BP	TMU ON			52459:44:785F	04-292/09:09:23	1TI
21	292 22:11:13	31			CC3GP	TMU-A SEL			52459:44:785F	04-292/09:09:23	1TI
22	292 22:11:13	31			CC3HP	CDU-A SEL			52459:44:785F	04-292/09:09:23	1TI
23	292 22:11:13	31			CC3A	32310 X-BAND			52459:44:785F	04-292/09:09:23	1TI

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT 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	292 22:11:13	31			CC3A	28301 S-BAND			52459:44:785F	04-292/09:09:23	1TI
25	292 22:11:13	31				POWER STATUS			52459:44:785F	04-292/09:09:23	1TI
26	292 22:11:13	31			CC4A	UNDERVOLTAGE TRIP RESET			52459:44:785F	04-292/09:09:23	1TI
27	292 22:11:13	31			CC4K	RTG-1 DIODE BYPASS ON			52459:44:785F	04-292/09:09:23	1TI
28	292 22:11:13	31			CC4L	RTG-2 DIODE BYPASS ON			52459:44:785F	04-292/09:09:23	1TI
29	292 22:11:13	31			CC4M	RTG-3 DIODE BYPASS ON			52459:44:785F	04-292/09:09:23	1TI
30	292 22:11:13	31				CCS STATUS			52459:44:785F	04-292/09:09:23	1TI
31	292 22:11:13	31			DC5AR	CCS TOL DET ENABLE			52459:44:785F	04-292/09:09:23	1TI
32	292 22:11:13	31				FDS STATUS			52459:44:785F	04-292/09:09:23	1TI
33	292 22:11:13	31			CC6CP	FDS ON/ISS PWR ENABLE			52459:44:785F	04-292/09:09:23	1TI
34	292 22:11:13	31			CC6AA	1 SVC-W1			52459:44:785F	04-292/09:09:23	1TI
35	292 22:11:13	31			CC6AD	3200 SVC-W4			52459:44:785F	04-292/09:09:23	1TI
36	292 22:11:13	31			CC6AE	30011 SVC-W5			52459:44:785F	04-292/09:09:23	1TI
37	292 22:11:13	31			CC6AP	FDS PWR CONV A SEL			52459:44:785F	04-292/09:09:23	1TI
38	292 22:11:13	31			CC6AB	01000 SVC-W2			52459:44:785F	04-292/09:09:23	1TI
39	292 22:11:13	31			SC06BB	530070 FDS DATA MODE			52459:44:785F	04-292/09:09:23	1TI
40	292 22:11:13	31				AACS STATUS			52459:44:785F	04-292/09:09:23	1TI
41	292 22:11:13	31			AC7PCG	14 HYBIC 2 PWR ON			52459:44:785F	04-292/09:09:23	1TI
42	292 22:11:13	31			CC7ML	05 CST ON			52459:44:785F	04-292/09:09:23	1TI
43	292 22:11:13	31			AC7CTG	10 394 CST HI GATE			52459:44:785F	04-292/09:09:23	1TI
44	292 22:11:13	31			AC7CTG	11 442 CST LO GATE			52459:44:785F	04-292/09:09:23	1TI
45	292 22:11:13	31			AC7GYP	111 GYRO PATTERN			52459:44:785F	04-292/09:09:23	1TI
46	292 22:11:13	31			AC7PCG	52 GYRO A OFF			52459:44:785F	04-292/09:09:23	1TI

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
47	292 22:11:13	31			AC7PCG	62 GYRO B OFF			52459:44:785F	04-292/09:09:23	1TI
48	292 22:11:13	31			AC7PCG	72 GYRO C OFF			52459:44:785F	04-292/09:09:23	1TI
49	292 22:11:13	31			AC7PAR	7530 000000 GYRO OFF NORM			52459:44:785F	04-292/09:09:23	1TI
50	292 22:11:13	31			AC7PAR	6740 000740 PITCH DEADBAND			52459:44:785F	04-292/09:09:23	1TI
51	292 22:11:13	31			AC7PAR	6741 001700 YAW DEADBAND			52459:44:785F	04-292/09:09:23	1TI
52	292 22:11:13	31			AC7PAR	6742 004540 ROLL DEADBAND			52459:44:785F	04-292/09:09:23	1TI
53	292 22:11:13	31			DEADBAND	DEAD BAND STATE: 05 10 05			52459:44:785F	04-292/09:09:23	1TI
54	292 22:11:13	31			CC7SS	1 AACS TO RAI			52459:44:785F	04-292/09:09:23	1TI
55	292 22:11:13	31			CC7CT	01 CST CONE ANGLE 1			52459:44:785F	04-292/09:09:23	1TI
56	292 22:11:13	31			AC7DDB	000480 DEAD BAND CONTROL			52459:44:785F	04-292/09:09:23	1TI
57	292 22:11:13	31			CC7AHRP	SS HTR A OFF			52459:44:785F	04-292/09:09:23	1TI
58	292 22:11:13	31			CC7BHP	SS HTR B ON			52459:44:785F	04-292/09:09:23	1TI
59	292 22:11:13	31			CC7ML	01 FDS CHAN A			52459:44:785F	04-292/09:09:23	1TI
60	292 22:11:13	31			CC7ML	09 TCAPU FAULT ENA			52459:44:785F	04-292/09:09:23	1TI
61	292 22:11:13	31			AC7PCG	61 AACS BAY 6 HTR A OFF			52459:44:785F	04-292/09:09:23	1TI
62	292 22:11:13	31			AC7PCG	71 AACS BAY 6 HTR B OFF			52459:44:785F	04-292/09:09:23	1TI
63	292 22:11:13	31			CC7MMRP	PROC/MEM 2 SELECT			52459:44:785F	04-292/09:09:23	1TI
64	292 22:11:13	31			CC7SHRP	AZ SCAN ACTUATOR HTR OFF			52459:44:785F	04-292/09:09:23	1TI
65	292 22:11:13	31			AC7PCG	22 CST SUN SHUTTER OFF			52459:44:785F	04-292/09:09:23	1TI
66	292 22:11:13	31			AC7PCG	10 ISO VALVE BRANCH 1 OFF			52459:44:785F	04-292/09:09:23	1TI
67	292 22:11:13	31			AC7PCG	20 ISO VALVE BRANCH 2 OFF			52459:44:785F	04-292/09:09:23	1TI
68	292 22:11:13	31			CC1PHP	SCAN PLAT SUPL HTR ON			52459:44:785F	04-292/09:09:23	1TI
69	292 22:11:13	31			CC77MRP	MAM OFF			52459:44:785F	04-292/09:09:23	1TI

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70	292 22:11:13	31			DC77PR	NON-PRIME FCP/MEM OFF			52459:44:785F	04-292/09:09:23	1TI
71	292 22:11:13	31			DC77XR	MAM COMMAND DISABLE			52459:44:785F	04-292/09:09:23	1TI
72	292 22:11:13	31				PYRO STATUS			52459:44:785F	04-292/09:09:23	1TI
73	292 22:11:13	31			CC8D	PSU INSTRUMENTATION ON			52459:44:785F	04-292/09:09:23	1TI
74	292 22:11:13	31			DC8XR	PYRO DISABLE			52459:44:785F	04-292/09:09:23	1TI
75	292 22:11:13	31				PROPULSION STATUS			52459:44:785F	04-292/09:09:23	1TI
76	292 22:11:13	31			CC10CRP	TCM HTR OFF			52459:44:785F	04-292/09:09:23	1TI
77	292 22:11:13	31			CC10DR	AP BR1 HTR OFF			52459:44:785F	04-292/09:09:23	1TI
78	292 22:11:13	31			CC10ER	AP BR2 HTR OFF			52459:44:785F	04-292/09:09:23	1TI
79	292 22:11:13	31			CC10TRP	TCM LINE HTRS OFF			52459:44:785F	04-292/09:09:23	1TI
80	292 22:11:13	31				DSS STATUS			52459:44:785F	04-292/09:09:23	1TI
81	292 22:11:13	31			CC16BR	DSS 10 W REPL HTR OFF			52459:44:785F	04-292/09:09:23	1TI
82	292 22:11:13	31			CC16AP	DSS ON			52459:44:785F	04-292/09:09:23	1TI
83	292 22:11:13	31			CC1DR	BAY 2 19 W HTR OFF			52459:44:785F	04-292/09:09:23	1TI
84	292 22:11:13	31			CC16C	7215 DSS CONTROL			52459:44:785F	04-292/09:09:23	1TI
85	292 22:11:13	31				SCIENCE PWR STATUS			52459:44:785F	04-292/09:09:23	1TI
86	292 22:11:13	31			CC1CR	MAG COIL OFF			52459:44:785F	04-292/09:09:23	1TI
87	292 22:11:13	31			CC21A	CRS ON			52459:44:785F	04-292/09:09:23	1TI
88	292 22:11:13	31			CC21B	CRS REPL HTR ON			52459:44:785F	04-292/09:09:23	1TI
89	292 22:11:13	31			CC21CR	CRS SUPP HTR OFF			52459:44:785F	04-292/09:09:23	1TI
90	292 22:11:13	31			CC22A	PRA ON			52459:44:785F	04-292/09:09:23	1TI
91	292 22:11:13	31			CC23A	PWS ON			52459:44:785F	04-292/09:09:23	1TI
92	292 22:11:13	31			CC25A	LECP ON			52459:44:785F	04-292/09:09:23	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	292 22:11:13	31			CC25B	LECP STEPPER MOTOR ON			52459:44:785F	04-292/09:09:23	1TI
94	292 22:11:13	31			CC25CR	LECP REPL HTR OFF			52459:44:785F	04-292/09:09:23	1TI
95	292 22:11:13	31			CC25D	LECP MAIN SUPP HTR ON			52459:44:785F	04-292/09:09:23	1TI
96	292 22:11:13	31			CC25E	LECP LEPT SUPP HTR ON			52459:44:785F	04-292/09:09:23	1TI
97	292 22:11:13	31			CC27BR	PPS SUPP HTR OFF			52459:44:785F	04-292/09:09:23	1TI
98	292 22:11:13	31			CC32A	PLS ON			52459:44:785F	04-292/09:09:23	1TI
99	292 22:11:13	31			CC32BR	PLS SUPP HTR OFF			52459:44:785F	04-292/09:09:23	1TI
100	292 22:11:13	31			CC32C	PLS REPL HTR ON			52459:44:785F	04-292/09:09:23	1TI
101	292 22:11:13	31			CC34A	UVS ON			52459:44:785F	04-292/09:09:23	1TI
102	292 22:11:13	31			CC34B	UVS REPL HTR ON			52459:44:785F	04-292/09:09:23	1TI
103	292 22:11:13	31			CC35AR	MAG OFF			52459:44:785F	04-292/09:09:23	1TI
104	292 22:11:13	31			CC35B	MAG STANDBY ON			52459:44:785F	04-292/09:09:23	1TI
105	292 22:11:13	31			CC35GR	MAG SENSOR HTR OFF			52459:44:785F	04-292/09:09:23	1TI
106	292 22:11:13	31			CC36GR	ISS WA VID REPL HTR OFF			52459:44:785F	04-292/09:09:23	1TI
107	292 22:11:13	31			CC36HR	ISS WA ELEC REPL HTR OFF			52459:44:785F	04-292/09:09:23	1TI
108	292 22:11:13	31			CC36CRP	ISS NA OPTICS HTR OFF			52459:44:785F	04-292/09:09:23	1TI
109	292 22:11:13	31			CC36FRP	ISS NA VID REPL HTR OFF			52459:44:785F	04-292/09:09:23	1TI
110	292 22:11:13	31			CC36JP	ISS NA ELEC REPL HTR ON			52459:44:785F	04-292/09:09:23	1TI
111	292 22:11:13	31			CC39D	IRIS REPL HTR ON			52459:44:785F	04-292/09:09:23	1TI
112	292 22:11:13	31			CC39FR	IRIS STANDBY A SUPPLY OFF			52459:44:785F	04-292/09:09:23	1TI
113	292 22:11:13	31			CC39BR	IRIS STANDBY B SUPPLY OFF			52459:44:785F	04-292/09:09:23	1TI
114	292 22:11:13	31				SCIENCE INSTRUMENT STATUS			52459:44:785F	04-292/09:09:23	1TI
115	292 22:11:13	31			SC21AF	01000 CRS CMD WORD			52459:44:785F	04-292/09:09:23	1TI

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT 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	292 22:11:13	31			SC21AF	02000 CRS CMD WORD			52459:44:785F	04-292/09:09:23	1TI
117	292 22:11:13	31			SC21AF	03000 CRS CMD WORD			52459:44:785F	04-292/09:09:23	1TI
118	292 22:11:13	31			SC21AF	04000 CRS CMD WORD			52459:44:785F	04-292/09:09:23	1TI
119	292 22:11:13	31			SC21AF	05300 CRS CMD WORD			52459:44:785F	04-292/09:09:23	1TI
120	292 22:11:13	31			SC21AF	06000 CRS CMD WORD			52459:44:785F	04-292/09:09:23	1TI
121	292 22:11:13	31			SC21AF	07200 CRS CMD WORD			52459:44:785F	04-292/09:09:23	1TI
122	292 22:11:13	31			SC21AF	08200 CRS CMD WORD			52459:44:785F	04-292/09:09:23	1TI
123	292 22:11:13	31			SC21AF	10000 CRS CMD WORD			52459:44:785F	04-292/09:09:23	1TI
124	292 22:11:13	31			SC21AF	11000 CRS CMD WORD			52459:44:785F	04-292/09:09:23	1TI
125	292 22:11:13	31			SC21AF	12000 CRS CMD WORD			52459:44:785F	04-292/09:09:23	1TI
126	292 22:11:13	31			SC21AF	13012 CRS CMD WORD			52459:44:785F	04-292/09:09:23	1TI
127	292 22:11:13	31			SC21AG	CRS HV FLAG			52459:44:785F	04-292/09:09:23	1TI
128	292 22:11:13	31			SC21AH	CRS CAL-ST FLAG			52459:44:785F	04-292/09:09:23	1TI
129	292 22:11:13	31			SC22AF	1347 PRA CONFIGURATION CMD			52459:44:785F	04-292/09:09:23	1TI
130	292 22:11:13	31			SC22NU	0000 PRA MODE SELECT			52459:44:785F	04-292/09:09:23	1TI
131	292 22:11:13	31			SC23AD	5 PWS CMD WORD			52459:44:785F	04-292/09:09:23	1TI
132	292 22:11:13	31			SC25AH	1777 LECP CMD WORD			52459:44:785F	04-292/09:09:23	1TI
133	292 22:11:13	31			SC25AH	2417 LECP CMD WORD			52459:44:785F	04-292/09:09:23	1TI
134	292 22:11:13	31			SC25AH	5600 LECP CMD WORD			52459:44:785F	04-292/09:09:23	1TI
135	292 22:11:13	31			SC25AH	6032 LECP CMD WORD			52459:44:785F	04-292/09:09:23	1TI
136	292 22:11:13	31			SC25AJ	1 LECP MOTOR STEP CMD			52459:44:785F	04-292/09:09:23	1TI
137	292 22:11:13	31			SC25AN	0 LECP NEAR/FAR ENC			52459:44:785F	04-292/09:09:23	1TI
138	292 22:11:13	31			SC25AQ	5200 LECP SAFE CMD			52459:44:785F	04-292/09:09:23	1TI

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139	292 22:11:13	31			SC32AF	2 PLS E1 INT/AMP GAIN			52459:44:785F	04-292/09:09:23	1TI
140	292 22:11:13	31			SC32AG	2 PLS E2 INT/AMP GAIN			52459:44:785F	04-292/09:09:23	1TI
141	292 22:11:13	31			SC32AH	3 PLS M INT/AMP GAIN			52459:44:785F	04-292/09:09:23	1TI
142	292 22:11:13	31			SC32AJ	13 PLS CONFIG CMD			52459:44:785F	04-292/09:09:23	1TI
143	292 22:11:13	31			SC32AK	2 PLS L INT/AMP GAIN			52459:44:785F	04-292/09:09:23	1TI
144	292 22:11:13	31			SC32AL	216 PLS M START WORD 1			52459:44:785F	04-292/09:09:23	1TI
145	292 22:11:13	31			SC32AM	216 PLS M START WORD 2			52459:44:785F	04-292/09:09:23	1TI
146	292 22:11:13	31			SC32AN	2 PLS M MODE			52459:44:785F	04-292/09:09:23	1TI
147	292 22:11:13	31			SC32AP	3 PLS E1 SHRT			52459:44:785F	04-292/09:09:23	1TI
148	292 22:11:13	31			SC32AQ	3 PLS E2 SHRT			52459:44:785F	04-292/09:09:23	1TI
149	292 22:11:13	31			SC32AR	3 PLS L SHORT			52459:44:785F	04-292/09:09:23	1TI
150	292 22:11:13	31			SC32AS	2 PLS E1 LONG			52459:44:785F	04-292/09:09:23	1TI
151	292 22:11:13	31			SC32AT	2 PLS E2 LONG			52459:44:785F	04-292/09:09:23	1TI
152	292 22:11:13	31			SC32AU	2 PLS L LONG			52459:44:785F	04-292/09:09:23	1TI
153	292 22:11:13	31			SC34AE	13 UVS MODE/HV LEVEL			52459:44:785F	04-292/09:09:23	1TI
154	292 22:11:13	31			SC34AF	0 UVS READ OUT FLAG			52459:44:785F	04-292/09:09:23	1TI
155	292 22:11:13	31			SC35AI	030001 MAG HFM/EL FLIP/IFC/LFM			52459:44:785F	04-292/09:09:23	1TI
156	292 22:11:13	31			SC35AO	030001 MAG HFM/PRIME/IFC/LFM RAN			52459:44:785F	04-292/09:09:23	1TI
157	292 22:11:14	31				BEGIN SEQUENCE A053 -- LOCK STAR			52459:45:001F	04-292/09:09:23	1T
158	293 00:00:00	31				VGR-31 OWLT IS 13H 01M 50S					1L
159	293 12:00:00	31				VGR-31 OWLT IS 13H 01M 55S					1L
160	294 00:00:00	31				VGR-31 OWLT IS 13H 02M 00S					1L
161	294 04:51:14	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
173	294 04:56:14	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		52498:11:002F	04-293/15:54:12	1ECs
174	294 04:56:15	31				B- DRCRUS			52498:11:018F	04-293/15:54:12	1TB
175	294 04:56:15	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		52498:11:026F	04-293/15:54:13	1ECF
176	294 04:57:02	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	52498:12:001F	04-293/15:54:59	1ESF
177	294 04:57:02	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		52498:12:002F	04-293/15:54:59	1ECs
178	294 04:57:02	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		52498:12:002F	04-293/15:55:00	1ECd
179	294 04:57:02	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2934	DTR		52498:12:002F	04-293/15:55:00	1ESd
180	294 04:57:50	31			SC32AJ	(13) PLS CONFIG CMD	FDS		52498:13:009F	04-293/15:55:48	1ECf
181	294 04:57:51	31				END PWSREC.31			52498:13:018F	04-293/15:55:48	1T
182	294 12:00:00	31				VGR-31 OWLT IS 13H 02M 05S					1L
183	295 00:00:00	31				VGR-31 OWLT IS 13H 02M 10S					1L
184	295 12:00:00	31				VGR-31 OWLT IS 13H 02M 15S					1L
185	296 00:00:00	31				VGR-31 OWLT IS 13H 02M 20S					1L
186	296 06:54:59	31			AC7SSB	(4 +150) SS BIAS CONTROL --- YAW	AACS		52560:39:003F	04-295/17:52:36	1ECa

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
187	296 12:00:00	31				VGR-31 OWLT IS 13H 02M 25S					1L
188	297 00:00:00	31				VGR-31 OWLT IS 13H 02M 30S					1L
189	297 07:54:21	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		52591:53:002F	04-296/18:51:48	1ECd
190	297 07:54:21	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2941	DTR		52591:53:002F	04-296/18:51:48	1ESd
191	297 09:03:01	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		52593:18:673F	04-296/20:00:28	1ECd
192	297 09:03:01	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1457	DTR		52593:18:673F	04-296/20:00:28	1ESd
193	297 10:51:46	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
194	297 10:51:46	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
195	297 10:52:34	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
196	297 10:52:34	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
197	297 10:54:22	31			CC16C	(7028) DTR STATE SELECT: READY	DTR		52595:38:002F	04-296/21:51:48	1ECd
198	297 10:54:22	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:1457	DTR		52595:38:002F	04-296/21:51:48	1ESd
199	297 10:55:10	31			SC32AJ	(10) PLS CONFIG CMD	FDS		52595:39:009F	04-296/21:52:36	1ECf

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
200	297 10:55:11	31				AHEL11 PWSREC 28			52595:39:018F	04-296/21:52:36	1T
201	297 10:55:11	31				B- PWSREC.31			52595:39:018F	04-296/21:52:36	1TB
202	297 10:55:11	31				BEGIN PWSREC.31			52595:39:018F	04-296/21:52:36	1T
203	297 10:55:58	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		52595:40:009F	04-296/21:53:24	1ECf
204	297 10:55:59	31				B- DRGS4B			52595:40:018F	04-296/21:53:24	1TB
205	297 10:56:42	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		52595:40:735F	04-296/21:54:08	1ECd
206	297 10:56:42	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:1457	DTR		52595:40:735F	04-296/21:54:08	1ESd
207	297 10:56:43	31				BEGIN RECORDING PWS DATA			52595:40:751F	04-296/21:54:08	1T
208	297 10:56:46	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	52595:41:001F	04-296/21:54:11	1ESf
209	297 10:56:46	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		52595:41:002F	04-296/21:54:12	1ECs
210	297 10:56:47	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		52595:41:026F	04-296/21:54:13	1ECf
211	297 10:56:48	31				B- DRCRUS			52595:41:034F	04-296/21:54:13	1TB

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
212	297 10:57:34	31		ACE OPCH			FDS	CR-5T	52595:42:001F	04-296/21:54:59	1ESf
						FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11					
213	297 10:57:34	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		52595:42:002F	04-296/21:55:00	1ECs
214	297 10:57:34	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		52595:42:002F	04-296/21:55:00	1ECd
215	297 10:57:34	31					DTR		52595:42:002F	04-296/21:55:00	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:1165					
216	297 10:58:22	31			SC32AJ	(13) PLS CONFIG CMD	FDS		52595:43:009F	04-296/21:55:48	1ECf
217	297 10:58:24	31				END PWSREC.31			52595:43:034F	04-296/21:55:49	1T
218	297 12:00:00	31				VGR-31 OWLT IS 13H 02M 34S					1L
219	297 13:03:59	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		52598:20:002F	04-297/00:01:24	1ECd
220	297 13:03:59	31					DTR		52598:20:002F	04-297/00:01:24	1ESd
						DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1158					
221	297 14:26:30	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		52600:03:116F	04-297/01:23:54	1ECd
222	297 14:26:30	31					DTR		52600:03:116F	04-297/01:23:54	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2941					
223	297 16:04:00	31			CC16C	(7015) DTR STATE SELECT: READY	DTR		52602:05:002F	04-297/03:01:24	1ECd

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
224	297 16:04:00	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2941	DTR		52602:05:002F	04-297/03:01:24	1ESd
225	298 00:00:00	31				VGR-31 OWLT IS 13H 02M 39S					1L
226	298 03:28:05	31			AC7SSB	(3 +015) SS BIAS CONTROL - PITCH	AACS		52616:20:003F	04-297/14:25:24	1ECa
227	298 12:00:00	31				VGR-31 OWLT IS 13H 02M 44S					1L
228	299 00:00:00	31				VGR-31 OWLT IS 13H 02M 49S					1L
229	299 12:00:00	31				VGR-31 OWLT IS 13H 02M 53S					1L
230	300 00:00:00	31				VGR-31 OWLT IS 13H 02M 58S					1L
231	300 12:00:00	31				VGR-31 OWLT IS 13H 03M 03S					1L
232	301 00:00:00	31				VGR-31 OWLT IS 13H 03M 07S					1L
233	301 04:11:45	31			AC7SSB	(4 +151) SS BIAS CONTROL --- YAW	AACS		52707:14:003F	04-300/15:08:36	1ECa
234	301 04:28:21	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
235	301 04:28:21	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
236	301 04:29:09	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
237	301 04:29:09	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
238	301 04:31:45	31				BEGIN PWSREC.31			52707:39:001F	04-300/15:28:35	1T
239	301 04:31:45	31			SC32AJ	(10) PLS CONFIG CMD	FDS		52707:39:010F	04-300/15:28:36	1ECf
240	301 04:32:33	31				B- DRGS4B			52707:40:001F	04-300/15:29:23	1TB

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
241	301 04:32:33	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		52707:40:009F	04-300/15:29:24	1ECf
242	301 04:33:17	31				BEGIN RECORDING PWS DATA			52707:40:734F	04-300/15:30:07	1T
243	301 04:33:17	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		52707:40:735F	04-300/15:30:08	1ECd
244	301 04:33:17	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:2941	DTR		52707:40:735F	04-300/15:30:08	1ESd
245	301 04:33:21	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	52707:41:001F	04-300/15:30:11	1ESf
246	301 04:33:21	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		52707:41:002F	04-300/15:30:12	1ECs
247	301 04:33:22	31				B- DRCRUS			52707:41:018F	04-300/15:30:12	1TB
248	301 04:33:22	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		52707:41:026F	04-300/15:30:13	1ECf
249	301 04:34:09	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	52707:42:001F	04-300/15:30:59	1ESf

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
250	301 04:34:09	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		52707:42:002F	04-300/15:31:00	1ECs
251	301 04:34:09	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		52707:42:002F	04-300/15:31:00	1ECd
252	301 04:34:09	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:3233	DTR		52707:42:002F	04-300/15:31:00	1ESd
253	301 04:34:57	31			SC32AJ	(13) PLS CONFIG CMD	FDS		52707:43:009F	04-300/15:31:48	1ECf
254	301 04:34:58	31				END PWSREC.31			52707:43:018F	04-300/15:31:48	1T
255	301 12:00:00	31				VGR-31 OWLT IS 13H 03M 12S					1L
256	301 18:26:15	31				TAPPOS-1705			52725:02:001F	04-301/05:22:59	1T
257	301 18:26:15	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		52725:02:001F	04-301/05:22:59	1ECd
258	301 18:26:15	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3240	DTR		52725:02:001F	04-301/05:22:59	1ESd
259	301 19:37:17	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		52726:30:634F	04-301/06:34:01	1ECd
260	301 19:37:17	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1705	DTR		52726:30:634F	04-301/06:34:01	1ESd
261	301 20:06:15	31				FWD/TRK 3			52727:07:001F	04-301/07:02:59	1T
262	301 20:06:15	31			CC16C	(7013) DTR STATE SELECT: READY	DTR		52727:07:001F	04-301/07:02:59	1ECd
263	301 20:06:15	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:1705	DTR		52727:07:001F	04-301/07:02:59	1ESd

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
264	301 20:09:15	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN D/L CARRIER SIG LEVEL					11EC
265	301 20:10:15	31				B- PWSPB.31			52727:12:001F	04-301/07:06:59	1TB
266	301 20:10:15	31				BEGIN PWSPBA31			52727:12:001F	04-301/07:06:59	1T
267	301 20:10:15	31				CHECK IF RFLOSS FAIL			52727:12:001F	04-301/07:06:59	1T
268	301 20:10:15	31				IF FAIL SKIP HIGHPWR			52727:12:001F	04-301/07:06:59	1T
269	301 20:10:15	31			CC1TR	BAY 1 HTR OFF	PWR		52727:12:002F	04-301/07:07:00	1ECp
270	301 20:14:15	31				X BAND HIGH POWER			52727:17:001F	04-301/07:10:59	1T
271	301 20:14:15	31			DC2H	X-BAND TWT HIGH POWER	RFS		52727:17:002F	04-301/07:10:59	1ECr
272	301 21:10:16	31				B- YAW05			52728:27:001F	04-301/08:06:59	1TB
273	301 21:10:16	31				YAW05			52728:27:001F	04-301/08:06:59	1T
274	301 21:10:16	31			AC7PAR	(6741 000740) +YAW DB=.05 DEG	AACS		52728:27:004F	04-301/08:07:00	1ECa
275	301 21:14:04	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
276	301 21:14:04	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=39 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
277	301 21:14:04	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
278	301 21:18:16	31				B- DRPBDB.31			52728:37:001F	04-301/08:14:59	1TB
279	301 21:18:16	31				BEGIN DDPB1431			52728:37:001F	04-301/08:14:59	1T
280	301 21:18:16	31			SC06BB	(12 0 07 0) FDS MODE TO: PB-14 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		52728:37:009F	04-301/08:15:00	1ECf
281	301 21:19:04	31				BEGIN PLAYBACK			52728:38:001F	04-301/08:15:47	1T

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FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
282	301 21:19:04	31		ACE OPCH		FDS STATUS PB-14/X1.4K/S40 MEM:PA/FDS11	FDS	PB-14	52728:38:001F	04-301/08:15:47	1ESf
283	301 21:19:04	31			CC3A	(39310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=39 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		52728:38:002F	04-301/08:15:48	1ECs
284	301 21:19:04	31			CC6AD	(3 2 0 2) SVC-W4 FDS MEM B WRT PROTECT	FDS		52728:38:002F	04-301/08:15:48	1ECf
285	301 21:19:04	31		ACE OPCH		FDS STATUS PB-14/X1.4K/S40 MEM:PA/FDS11	FDS	PB-14	52728:38:002F	04-301/08:15:48	1ESf
286	301 21:19:04	31			CC16C	(1210) DTR STATE SELECT:PLAYBACK	DTR		52728:38:005F	04-301/08:15:48	1ECd
287	301 21:19:04	31				DTR STATUS MODE:PLAY RATE:007.2K DIR:F TRK:3 TIC:1705	DTR		52728:38:005F	04-301/08:15:48	1ESd
288	301 21:19:05	31				END DDPB1431			52728:38:018F	04-301/08:15:48	1T
289	301 22:46:06	31			EOT	END OF TAPE			52730:26:631F	04-301/09:42:49	1Ed
290	301 22:46:06	31			EOT	END OF TAPE			52730:26:635F	04-301/09:42:49	1Ed
291	302 00:00:00	31				VGR-31 OWLT IS 13H 03M 17S					1L
292	302 01:22:51	31			BOT	BEGIN OF TAPE			52733:42:574F	04-301/12:19:34	1Ed
293	302 01:22:52	31			BOT	BEGIN OF TAPE			52733:42:578F	04-301/12:19:34	1Ed
294	302 03:49:18	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
295	302 03:49:18	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
296	302 03:49:18	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
297	302 03:53:30	31				B- DRCRUS			52736:51:001F	04-301/14:50:11	1TB
298	302 03:53:30	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		52736:51:009F	04-301/14:50:12	1ECf
299	302 03:54:18	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	52736:52:001F	04-301/14:50:59	1ESf
300	302 03:54:18	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		52736:52:002F	04-301/14:51:00	1ECs
301	302 03:54:18	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		52736:52:002F	04-301/14:51:00	1ECd
302	302 03:54:18	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:3470	DTR		52736:52:002F	04-301/14:51:00	1ESd
303	302 03:54:18	31			CC6AD	(3 2 0 0) SVC-W4 FDS MEM B WRT PROTECT	FDS		52736:52:003F	04-301/14:51:00	1ECf
304	302 03:54:18	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	52736:52:003F	04-301/14:51:00	1ESf
305	302 03:54:19	31				END PLAYBACK			52736:52:018F	04-301/14:51:00	1T

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
306	302 04:08:42	31				B- YAWDB			52737:10:001F	04-301/15:05:23	1TB
307	302 04:08:42	31				YAWDB - .10			52737:10:001F	04-301/15:05:23	1T
308	302 04:08:42	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		52737:10:004F	04-301/15:05:24	1ECa
309	302 12:00:00	31				VGR-31 OWLT IS 13H 03M 21S					1L
310	302 19:42:24	31				TAPPOS-0550			52756:37:001F	04-302/06:38:59	1T
311	302 19:42:24	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		52756:37:001F	04-302/06:38:59	1ECd
312	302 19:42:24	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3471	DTR		52756:37:001F	04-302/06:38:59	1ESd
313	302 21:57:36	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		52759:25:785F	04-302/08:54:11	1ECd
314	302 21:57:36	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:0550	DTR		52759:25:785F	04-302/08:54:11	1ESd
315	302 22:30:25	31				FWD/TRK 1			52760:07:001F	04-302/09:26:59	1T
316	302 22:30:25	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		52760:07:001F	04-302/09:26:59	1ECd
317	302 22:30:25	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:0550	DTR		52760:07:001F	04-302/09:26:59	1ESd
318	302 22:30:26	31				END DAIN31			52760:07:018F	04-302/09:27:00	1T
319	303 00:00:00	31				VGR-31 OWLT IS 13H 03M 26S					1L
320	303 12:00:00	31				VGR-31 OWLT IS 13H 03M 30S					1L
321	303 20:28:10	31				B- GYONBC.31			52787:34:001F	04-303/07:24:35	1TB
322	303 20:28:10	31				BEGIN GYONBC31			52787:34:001F	04-303/07:24:35	1T

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
323	303 20:28:10	31			AC7GYP	(111) DRIRU PATTERN CONTROL GYRO/AXIS=B/PITCH C/YAW & ROLL	AACS		52787:34:003F	04-303/07:24:36	1ECa
324	303 20:28:10	31			CC7GARP	GYRO A OFF	PWR		52787:34:004F	04-303/07:24:36	1ECp
325	303 20:28:10	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS	52787:34:004F	04-303/07:24:36	1ESa	
326	303 20:28:10	31			CC7GARP	GYRO A OFF	PWR		52787:34:006F	04-303/07:24:36	1ECp
327	303 20:28:10	31			CC7PC	(352) GYRO A OFF	AACS		52787:34:008F	04-303/07:24:36	1ECa
328	303 20:28:10	31			CC7GCP	GYRO C ON	PWR		52787:34:009F	04-303/07:24:36	1ECp
329	303 20:28:10	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: ON	AACS	52787:34:009F	04-303/07:24:36	1ESa	
330	303 20:28:11	31			CC7GCP	GYRO C ON	PWR		52787:34:011F	04-303/07:24:36	1ECp
331	303 20:28:11	31			CC7PC	(373) GYRO C ON	AACS		52787:34:013F	04-303/07:24:36	1ECa
332	303 20:28:11	31			CC7GBP	GYRO B ON	PWR		52787:34:013F	04-303/07:24:36	1ECp
333	303 20:28:11	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS	52787:34:013F	04-303/07:24:36	1ESa	
334	303 20:28:11	31			CC7GBP	GYRO B ON	PWR		52787:34:016F	04-303/07:24:36	1ECp
335	303 20:28:11	31			CC7PC	(363) GYRO B ON	AACS		52787:34:018F	04-303/07:24:36	1ECa
336	303 20:28:39	31				DRIRU INITIALIZATION			52787:34:484F	04-303/07:25:04	1T
337	303 20:28:40	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		52787:34:502F	04-303/07:25:06	1ECa

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
338	303 20:29:09	31				SET CALIB			52787:35:184F	04-303/07:25:34	1T
339	303 20:29:10	31			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		52787:35:204F	04-303/07:25:36	1ECa
340	303 20:38:09	31				START GYRO FAULT TEST			52787:46:384F	04-303/07:34:34	1T
341	303 20:38:10	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		52787:46:402F	04-303/07:34:36	1ECa
342	303 20:38:11	31				END GYONBC31			52787:46:418F	04-303/07:34:36	1T
343	303 21:28:10	31				B- CCSTIMB			52788:49:001F	04-303/08:24:35	1TB
344	303 21:28:10	31				EXECUTE CCSTIMB FINE			52788:49:001F	04-303/08:24:35	1T
345	304 00:00:00	31				VGR-31 OWLT IS 13H 03M 35S					1L
346	304 07:31:26	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		52801:23:002F	04-303/18:27:48	1ECd
347	304 07:31:26	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0550	DTR		52801:23:002F	04-303/18:27:48	1ESd
348	304 07:59:33	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		52801:58:112F	04-303/18:55:54	1ECd
349	304 07:59:33	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1158	DTR		52801:58:112F	04-303/18:55:54	1ESd
350	304 10:28:51	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
351	304 10:28:51	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
352	304 10:29:39	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT 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	304 10:29:39	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
354	304 10:31:27	31			CC16C	(7028) DTR STATE SELECT: READY	DTR		52805:08:002F	04-303/21:27:48	1ECD
355	304 10:31:27	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:1158	DTR		52805:08:002F	04-303/21:27:48	1ESd
356	304 10:32:15	31			SC32AJ	(10) PLS CONFIG CMD	FDS		52805:09:009F	04-303/21:28:36	1ECF
357	304 10:32:16	31				AHEL11 PWSREC 29			52805:09:018F	04-303/21:28:36	1T
358	304 10:32:16	31				B- PWSREC.31			52805:09:018F	04-303/21:28:36	1TB
359	304 10:32:16	31				BEGIN PWSREC.31			52805:09:018F	04-303/21:28:36	1T
360	304 10:33:03	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACRS READOUT MODE : TELEMETRY	FDS		52805:10:009F	04-303/21:29:24	1ECF
361	304 10:33:04	31				B- DRGS4B			52805:10:018F	04-303/21:29:24	1TB
362	304 10:33:47	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		52805:10:735F	04-303/21:30:08	1ECD
363	304 10:33:47	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:1158	DTR		52805:10:735F	04-303/21:30:08	1ESd
364	304 10:33:48	31				BEGIN RECORDING PWS DATA			52805:10:751F	04-303/21:30:08	1T
365	304 10:33:51	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE -----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	52805:11:001F	04-303/21:30:11	1ESF

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
366	304 10:33:51	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		52805:11:002F	04-303/21:30:12	1ECs
367	304 10:33:52	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		52805:11:026F	04-303/21:30:13	1ECf
368	304 10:33:53	31				B- DRCRUS			52805:11:034F	04-303/21:30:13	1TB
369	304 10:34:39	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	52805:12:001F	04-303/21:30:59	1ESf
370	304 10:34:39	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		52805:12:002F	04-303/21:31:00	1ECd
371	304 10:34:39	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:0865	DTR		52805:12:002F	04-303/21:31:00	1ESd
372	304 10:34:39	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		52805:12:002F	04-303/21:31:00	1ECs
373	304 10:35:27	31			SC32AJ	(13) PLS CONFIG CMD	FDS		52805:13:009F	04-303/21:31:48	1ECf
374	304 10:35:29	31				END PWSREC.31			52805:13:034F	04-303/21:31:49	1T
375	304 12:00:00	31				VGR-31 OWLT IS 13H 03M 39S					1L
376	304 12:41:04	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		52807:50:002F	04-303/23:37:24	1ECd
377	304 12:41:04	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:0859	DTR		52807:50:002F	04-303/23:37:24	1ESd

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
378	304 12:55:20	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		52808:07:669F	04-303/23:51:40	1ECd
379	304 12:55:20	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:0550	DTR		52808:07:669F	04-303/23:51:40	1ESd
380	304 15:41:05	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		52811:35:002F	04-304/02:37:24	1ECd
381	304 15:41:05	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:0550	DTR		52811:35:002F	04-304/02:37:24	1ESd
382	305 00:00:00	31				VGR-31 OWLT IS 13H 03M 44S					1L
383	305 12:00:00	31				VGR-31 OWLT IS 13H 03M 48S					1L
384	306 00:00:00	31				VGR-31 OWLT IS 13H 03M 53S					1L
385	306 01:28:29	31			AC7SSB	(4 +152) SS BIAS CONTROL --- YAW	AACS		52853:49:003F	04-305/12:24:36	1ECa
386	306 12:00:00	31				VGR-31 OWLT IS 13H 03M 57S					1L
387	307 00:00:00	31				VGR-31 OWLT IS 13H 04M 01S					1L
388	307 12:00:00	31				VGR-31 OWLT IS 13H 04M 06S					1L
389	307 21:24:33	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
390	307 21:24:33	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=30 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
391	307 21:28:45	31				B- ASCAL			52908:49:001F	04-307/08:24:35	1TB
392	307 21:28:45	31				B- DREL40			52908:49:001F	04-307/08:24:35	1TB

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
393	307 21:28:45	31			SC06BB	(32 0 07 0) FDS MODE TO: EL-40 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		52908:49:009F	04-307/08:24:36	1ECf
394	307 21:29:33	31		ACE OPCH		FDS STATUS EL-40/X40/S40 MEM:PA/FDS11	FDS	CE-40	52908:50:001F	04-307/08:25:23	1ESf
395	307 21:29:33	31			CC3A	(30310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=30 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		52908:50:002F	04-307/08:25:23	1ECs
396	307 21:44:45	31				.05 ALL AXES DEADBAND			52909:09:001F	04-307/08:40:35	1T
397	307 21:44:45	31			AC7DDB	(000480) CHG TO .05 DEG DEADBAND	AACS		52909:09:003F	04-307/08:40:36	1ECa
398	307 22:00:45	31			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		52909:29:002F	04-307/08:56:36	1ECa
399	307 22:00:45	31				AACS STATUS MODE : AAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		52909:29:002F	04-307/08:56:36	1ESa
400	307 22:00:45	31			CC7GARP	GYRO A OFF	PWR		52909:29:003F	04-307/08:56:36	1ECp
401	307 22:00:45	31			CC7GARP	GYRO A OFF	PWR		52909:29:005F	04-307/08:56:36	1ECp
402	307 22:00:45	31			CC7PC	(352) GYRO A OFF	AACS		52909:29:007F	04-307/08:56:36	1ECa
403	307 22:00:45	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		52909:29:007F	04-307/08:56:36	1ECp
404	307 22:00:45	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		52909:29:010F	04-307/08:56:36	1ECp
405	307 22:00:46	31			CC7PC	(312) DUMMY PWR CMD	AACS		52909:29:012F	04-307/08:56:36	1ECa
406	307 22:01:33	31				START FIRST YAW DRIFT TURN			52909:30:001F	04-307/08:57:23	1T
407	307 22:01:33	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		52909:30:003F	04-307/08:57:24	1ECa

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
408	307 22:05:33	31			AC7PAR	(7015 764220) PARAMETER LOAD	AACS		52909:35:003F	04-307/09:01:24	1ECa
409	307 22:13:33	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		52909:45:003F	04-307/09:09:24	1ECa
410	307 22:17:33	31			AC7PAR	(7015 000000) PARAMETER LOAD	AACS		52909:50:003F	04-307/09:13:24	1ECa
411	307 22:17:34	31				END THIRD YAW DRIFT TURN			52909:50:018F	04-307/09:13:24	1T
412	307 22:18:21	31				START FIRST PITCH DRIFT TURN			52909:51:001F	04-307/09:14:11	1T
413	307 22:18:21	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		52909:51:003F	04-307/09:14:12	1ECa
414	307 22:22:21	31			AC7PAR	(7014 764220) PARAMETER LOAD	AACS		52909:56:003F	04-307/09:18:12	1ECa
415	307 22:30:21	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		52910:06:003F	04-307/09:26:12	1ECa
416	307 22:34:21	31			AC7PAR	(7014 000000) PARAMETER LOAD	AACS		52910:11:003F	04-307/09:30:12	1ECa
417	307 22:34:22	31				END THIRD PITCH DRIFT TURN			52910:11:018F	04-307/09:30:12	1T
418	307 22:35:57	31			CC7SS	(1) SS SEARCH ENABLE	AACS		52910:13:001F	04-307/09:31:47	1ECa
419	307 22:35:57	31				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS	52910:13:001F	04-307/09:31:47	1ESa	
420	307 22:35:57	31			CC7PC	(327) IDET ACQUIRED	AACS		52910:13:002F	04-307/09:31:48	1ECa
421	307 22:35:57	31			CC7GARP	GYRO A OFF	PWR		52910:13:003F	04-307/09:31:48	1ECp
422	307 22:35:57	31			CC7GARP	GYRO A OFF	PWR		52910:13:005F	04-307/09:31:48	1ECp
423	307 22:35:57	31			CC7PC	(352) GYRO A OFF	AACS		52910:13:007F	04-307/09:31:48	1ECa
424	307 22:35:57	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		52910:13:008F	04-307/09:31:48	1ECp
425	307 22:35:57	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		52910:13:010F	04-307/09:31:48	1ECp
426	307 22:35:58	31			CC7PC	(312) DUMMY PWR CMD	AACS		52910:13:012F	04-307/09:31:48	1ECa
427	307 22:36:33	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
428	307 22:36:33	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
429	307 22:37:33	31			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		52910:15:001F	04-307/09:33:23	1ECa
430	307 22:38:38	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		52910:16:285F	04-307/09:34:28	1ESa
431	307 22:38:38	31			CC7PC	(307) STAR ACQUIRED	AACS		52910:16:285F	04-307/09:34:28	1ECa
432	307 22:38:38	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		52910:16:286F	04-307/09:34:29	1ECp
433	307 22:38:38	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		52910:16:288F	04-307/09:34:29	1ECp
434	307 22:38:38	31			CC7PC	(312) DUMMY PWR CMD	AACS		52910:16:290F	04-307/09:34:29	1ECa
435	307 22:40:45	31				B- DRCRUS			52910:19:001F	04-307/09:36:35	1TB
436	307 22:40:45	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		52910:19:009F	04-307/09:36:36	1ECf
437	307 22:41:33	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	52910:20:001F	04-307/09:37:23	1ESf
438	307 22:41:33	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		52910:20:002F	04-307/09:37:23	1ECs
439	307 22:47:10	31				B- YAWDB			52910:27:001F	04-307/09:42:59	1TB
440	307 22:47:10	31				YAWDB - .10			52910:27:001F	04-307/09:42:59	1T
441	307 22:47:10	31				B- ROLLDB			52910:27:001F	04-307/09:42:59	1TB

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
442	307 22:47:10	31				ROLLDB - .25			52910:27:001F	04-307/09:42:59	1T
443	307 22:47:10	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		52910:27:003F	04-307/09:43:00	1ECa
444	307 22:47:10	31			AC7PAR	(6742 004540) +ROLL DB=.25 DEG	AACS		52910:27:005F	04-307/09:43:00	1ECa
445	307 22:47:11	31	FAILUR	OPCH FAI		END ASCAL					1TD
446	307 22:48:46	31				RESTART GYRO FAULT TEST			52910:29:001F	04-307/09:44:35	1T
447	307 22:48:46	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		52910:29:002F	04-307/09:44:35	1ECa
448	308 00:00:00	31				VGR-31 OWLT IS 13H 04M 10S					1L
449	308 04:05:23	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
450	308 04:05:23	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
451	308 04:06:11	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
452	308 04:06:11	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
453	308 04:08:47	31				BEGIN PWSREC.31			52917:09:001F	04-307/15:04:35	1T
454	308 04:08:47	31			SC32AJ	(10) PLS CONFIG CMD	FDS		52917:09:009F	04-307/15:04:36	1ECf
455	308 04:09:35	31				B- DRGS4B			52917:10:001F	04-307/15:05:23	1TB
456	308 04:09:35	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		52917:10:009F	04-307/15:05:24	1ECf
457	308 04:10:19	31				BEGIN RECORDING PWS DATA			52917:10:734F	04-307/15:06:07	1T

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
458	308 04:10:19	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		52917:10:735F	04-307/15:06:08	1ECd
459	308 04:10:19	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:0550	DTR		52917:10:735F	04-307/15:06:08	1ESd
460	308 04:10:23	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	52917:11:001F	04-307/15:06:11	1ESf
461	308 04:10:23	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		52917:11:002F	04-307/15:06:12	1ECs
462	308 04:10:24	31				B- DRCRUS			52917:11:018F	04-307/15:06:12	1TB
463	308 04:10:24	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		52917:11:026F	04-307/15:06:13	1ECf
464	308 04:11:11	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	52917:12:001F	04-307/15:06:59	1ESf
465	308 04:11:11	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		52917:12:002F	04-307/15:06:59	1ECs
466	308 04:11:11	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		52917:12:002F	04-307/15:07:00	1ECd

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
467	308 04:11:11	31					DTR		52917:12:002F	04-307/15:07:00	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:0843					
468	308 04:11:59	31			SC32AJ	(13) PLS CONFIG CMD	FDS		52917:13:009F	04-307/15:07:48	1ECf
469	308 04:12:00	31				END PWSREC.31			52917:13:018F	04-307/15:07:48	1T
470	308 12:00:00	31				VGR-31 OWLT IS 13H 04M 14S					1L
471	308 18:47:17	31				B- DAIN.31			52935:27:001F	04-308/05:42:59	1TB
472	308 18:47:17	31				BEGIN DAIN31			52935:27:001F	04-308/05:42:59	1T
473	309 00:00:00	31				VGR-31 OWLT IS 13H 04M 18S					1L
474	309 09:29:46	31			AC7SSB	(3 +014) SS BIAS CONTROL - PITCH	AACS		52953:50:003F	04-308/20:25:24	1ECa
475	309 12:00:00	31				VGR-31 OWLT IS 13H 04M 23S					1L
476	310 00:00:00	31				VGR-31 OWLT IS 13H 04M 27S					1L
477	310 12:00:00	31				VGR-31 OWLT IS 13H 04M 31S					1L
478	310 21:25:46	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
479	310 21:25:46	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
480	310 21:29:10	31				B- MAGROLBC.31			52998:49:001F	04-310/08:24:35	1TB
481	310 21:29:10	31				BEGIN MAGROLBC31			52998:49:001F	04-310/08:24:35	1T
482	310 21:29:10	31				B- YAW10			52998:49:001F	04-310/08:24:35	1TB
483	310 21:29:10	31				YAW10			52998:49:001F	04-310/08:24:35	1T
484	310 21:29:10	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		52998:49:004F	04-310/08:24:36	1ECa
485	310 21:29:59	31				B- DRCR5T			52998:50:018F	04-310/08:25:24	1TB

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
486	310 21:29:59	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		52998:50:026F	04-310/08:25:25	1ECf
487	310 21:30:46	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	52998:51:001F	04-310/08:26:11	1ESf
488	310 21:30:46	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		52998:51:002F	04-310/08:26:11	1ECs
489	310 21:37:11	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR COMMANDED TURN D/L AGC VARIATIONS EXPECTED					11EC
490	310 21:39:11	31			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		52999:01:419F	04-310/08:34:37	1ECa
491	310 21:39:11	31				AACS STATUS MODE : AAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		52999:01:419F	04-310/08:34:37	1ESa
492	310 21:39:11	31			CC7GARP	GYRO A OFF	PWR		52999:01:420F	04-310/08:34:37	1ECp
493	310 21:39:11	31			CC7GARP	GYRO A OFF	PWR		52999:01:422F	04-310/08:34:37	1ECp
494	310 21:39:11	31			CC7PC	(352) GYRO A OFF	AACS		52999:01:424F	04-310/08:34:37	1ECa
495	310 21:39:11	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		52999:01:425F	04-310/08:34:37	1ECp
496	310 21:39:11	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		52999:01:427F	04-310/08:34:37	1ECp
497	310 21:39:12	31			CC7PC	(312) DUMMY PWR CMD	AACS		52999:01:429F	04-310/08:34:37	1ECa
498	310 21:42:11	31			AC7TCD	(322 033478) TURN COMMAND AXIS=ROLL POL=NEG RNG SCALE=X10	AACS		52999:05:220F	04-310/08:37:37	1ECa
499	310 22:45:11	31			AC7SSB	(4 +153) SS BIAS CONTROL --- YAW	AACS		53000:24:003F	04-310/09:40:36	1ECa

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
500	311 00:00:00	31				VGR-31 OWLT IS 13H 04M 35S					1L
501	311 02:10:25	31			SC32AJ	(10) PLS CONFIG CMD	FDS		53004:40:426F	04-310/13:05:49	1ECf
502	311 02:43:56	31			SC32AJ	(11) PLS CONFIG CMD	FDS		53005:22:342F	04-310/13:39:20	1ECf
503	311 03:19:00	31				ROLL TURN COMPLETE (NOMINAL)			53006:06:201F	04-310/14:14:23	1T
504	311 03:19:00	31			CC7PC	(345) CMDED TURN COMPLETE	AACS		53006:06:200F	04-310/14:14:23	1ECa
505	311 03:21:13	31			SC32AJ	(13) PLS CONFIG CMD	FDS		53006:09:026F	04-310/14:16:37	1ECf
506	311 03:30:13	31				RESET CALIB			53006:20:218F	04-310/14:25:36	1T
507	311 03:30:13	31			AC7PAR	(7530 000000) PARAMETER LOAD	AACS		53006:20:220F	04-310/14:25:37	1ECa
508	311 03:30:43	31			CC7SS	(1) SS SEARCH ENABLE	AACS		53006:20:719F	04-310/14:26:07	1ECa
509	311 03:30:43	31				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS	53006:20:719F	04-310/14:26:07	1ESa	
510	311 03:30:43	31			CC7PC	(327) IDET ACQUIRED	AACS		53006:20:719F	04-310/14:26:07	1ECa
511	311 03:30:43	31			CC7GARP	GYRO A OFF	PWR		53006:20:720F	04-310/14:26:07	1ECp
512	311 03:30:43	31			CC7GARP	GYRO A OFF	PWR		53006:20:722F	04-310/14:26:07	1ECp
513	311 03:30:43	31			CC7PC	(352) GYRO A OFF	AACS		53006:20:724F	04-310/14:26:07	1ECa
514	311 03:30:43	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		53006:20:725F	04-310/14:26:07	1ECp
515	311 03:30:43	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		53006:20:727F	04-310/14:26:07	1ECp
516	311 03:30:44	31			CC7PC	(312) DUMMY PWR CMD	AACS		53006:20:729F	04-310/14:26:07	1ECa
517	311 03:36:43	31			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		53006:28:319F	04-310/14:32:07	1ECa
518	311 03:37:48	31				GYROS OFF			53006:29:601F	04-310/14:33:11	1T

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
519	311 03:37:48	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		53006:29:602F	04-310/14:33:12	1ESa
520	311 03:37:48	31			CC7PC	(307) STAR ACQUIRED	AACS		53006:29:602F	04-310/14:33:12	1ECa
521	311 03:37:48	31			CC7GCRP	GYRO C OFF	PWR		53006:29:603F	04-310/14:33:12	1ECp
522	311 03:37:48	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		53006:29:603F	04-310/14:33:12	1ESa
523	311 03:37:48	31			CC7GCRP	GYRO C OFF	PWR		53006:29:605F	04-310/14:33:12	1ECp
524	311 03:37:48	31			CC7PC	(372) GYRO C OFF	AACS		53006:29:607F	04-310/14:33:12	1ECa
525	311 03:37:48	31			CC7GBRP	GYRO B OFF	PWR		53006:29:608F	04-310/14:33:12	1ECp
526	311 03:37:48	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS		53006:29:608F	04-310/14:33:12	1ESa
527	311 03:37:48	31			CC7GBRP	GYRO B OFF	PWR		53006:29:610F	04-310/14:33:12	1ECp
528	311 03:37:49	31			CC7PC	(362) GYRO B OFF	AACS		53006:29:612F	04-310/14:33:12	1ECa
529	311 03:37:49	31			CC7GARP	GYRO A OFF	PWR		53006:29:613F	04-310/14:33:12	1ECp
530	311 03:37:49	31			CC7GARP	GYRO A OFF	PWR		53006:29:615F	04-310/14:33:12	1ECp
531	311 03:37:49	31			CC7PC	(352) GYRO A OFF	AACS		53006:29:617F	04-310/14:33:12	1ECa
532	311 03:37:49	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		53006:29:617F	04-310/14:33:12	1ECp
533	311 03:37:49	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		53006:29:619F	04-310/14:33:13	1ECp
534	311 03:37:49	31			CC7PC	(312) DUMMY PWR CMD	AACS		53006:29:622F	04-310/14:33:13	1ECa

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
535	311 03:45:01	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
536	311 03:45:01	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
537	311 03:46:14	31				B- YAWDB			53006:40:218F	04-310/14:41:36	1TB
538	311 03:46:14	31				YAWDB - .10			53006:40:218F	04-310/14:41:36	1T
539	311 03:46:14	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		53006:40:221F	04-310/14:41:37	1ECa
540	311 03:49:14	31				B- DRCRUS			53006:44:018F	04-310/14:44:36	1TB
541	311 03:49:14	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		53006:44:026F	04-310/14:44:37	1ECf
542	311 03:50:01	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	53006:45:001F	04-310/14:45:23	1ESf
543	311 03:50:01	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		53006:45:002F	04-310/14:45:23	1ECs
544	311 03:50:02	31				END MAGROLBC31			53006:45:018F	04-310/14:45:24	1T
545	311 03:50:02	31				END GAIN31			53006:45:018F	04-310/14:45:24	1T
546	311 07:08:26	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		53010:53:002F	04-310/18:03:48	1ECd
547	311 07:08:26	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0849	DTR		53010:53:002F	04-310/18:03:48	1ESd
548	311 07:08:51	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		53010:53:421F	04-310/18:04:13	1ECd

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
549	311 07:08:51	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:0859	DTR		53010:53:421F	04-310/18:04:13	1ESd
550	311 10:05:51	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
551	311 10:05:51	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
552	311 10:06:39	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
553	311 10:06:39	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
554	311 10:08:27	31			CC16C	(7028) DTR STATE SELECT: READY	DTR		53014:38:002F	04-310/21:03:48	1ECd
555	311 10:08:27	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:0859	DTR		53014:38:002F	04-310/21:03:48	1ESd
556	311 10:09:15	31			SC32AJ	(10) PLS CONFIG CMD	FDS		53014:39:009F	04-310/21:04:36	1ECf
557	311 10:09:16	31				AHEL11 PWSREC 30			53014:39:018F	04-310/21:04:36	1T
558	311 10:09:16	31				B- PWSREC.31			53014:39:018F	04-310/21:04:36	1TB
559	311 10:09:16	31				BEGIN PWSREC.31			53014:39:018F	04-310/21:04:36	1T
560	311 10:10:03	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		53014:40:009F	04-310/21:05:24	1ECf
561	311 10:10:04	31				B- DRGS4B			53014:40:018F	04-310/21:05:24	1TB

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
562	311 10:10:47	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		53014:40:735F	04-310/21:06:08	1ECd
563	311 10:10:47	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:0859	DTR		53014:40:735F	04-310/21:06:08	1ESd
564	311 10:10:48	31				BEGIN RECORDING PWS DATA			53014:40:751F	04-310/21:06:08	1T
565	311 10:10:51	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	53014:41:001F	04-310/21:06:11	1ESf
566	311 10:10:51	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		53014:41:002F	04-310/21:06:11	1ECs
567	311 10:10:52	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		53014:41:026F	04-310/21:06:13	1ECf
568	311 10:10:53	31				B- DRCRUS			53014:41:034F	04-310/21:06:13	1TB
569	311 10:11:39	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	53014:42:001F	04-310/21:06:59	1ESf
570	311 10:11:39	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		53014:42:002F	04-310/21:07:00	1ECs
571	311 10:11:39	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		53014:42:002F	04-310/21:07:00	1ECd

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
572	311 10:11:39	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:0566	DTR		53014:42:002F	04-310/21:07:00	1ESd
573	311 10:12:27	31			SC32AJ	(13) PLS CONFIG CMD	FDS		53014:43:009F	04-310/21:07:48	1ECf
574	311 10:12:29	31				END PWSREC.31			53014:43:034F	04-310/21:07:49	1T
575	311 12:00:00	31				VGR-31 OWLT IS 13H 04M 39S					1L
576	311 12:18:03	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		53017:20:002F	04-310/23:13:24	1ECd
577	311 12:18:03	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0560	DTR		53017:20:002F	04-310/23:13:24	1ESd
578	311 12:31:26	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		53017:36:577F	04-310/23:26:46	1ECd
579	311 12:31:26	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:0849	DTR		53017:36:577F	04-310/23:26:46	1ESd
580	311 15:18:04	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		53021:05:002F	04-311/02:13:24	1ECd
581	312 00:00:00	31				VGR-31 OWLT IS 13H 04M 43S					1L
582	312 12:00:00	31				VGR-31 OWLT IS 13H 04M 47S					1L
583	313 00:00:00	31				VGR-31 OWLT IS 13H 04M 52S					1L
584	313 12:00:00	31				VGR-31 OWLT IS 13H 04M 56S					1L
585	314 00:00:00	31				VGR-31 OWLT IS 13H 05M 00S					1L
586	314 12:00:00	31				VGR-31 OWLT IS 13H 05M 03S					1L
587	315 00:00:00	31				VGR-31 OWLT IS 13H 05M 07S					1L
588	315 03:42:21	31		ACE	OPCH	>>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
600	315 03:47:21	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		53126:41:002F	04-314/14:42:11	1ECs
601	315 03:47:22	31				B- DRCRUS			53126:41:018F	04-314/14:42:12	1TB
602	315 03:47:22	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		53126:41:026F	04-314/14:42:13	1ECF
603	315 03:48:09	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	53126:42:001F	04-314/14:42:59	1ESF
604	315 03:48:09	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		53126:42:002F	04-314/14:42:59	1ECs
605	315 03:48:09	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		53126:42:002F	04-314/14:43:00	1ECd
606	315 03:48:09	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1141	DTR		53126:42:002F	04-314/14:43:00	1ESd
607	315 03:48:57	31			SC32AJ	(13) PLS CONFIG CMD	FDS		53126:43:009F	04-314/14:43:48	1ECf
608	315 03:48:58	31				END PWSREC.31			53126:43:018F	04-314/14:43:48	1T
609	315 12:00:00	31				VGR-31 OWLT IS 13H 05M 11S					1L
610	315 19:50:26	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
611	315 19:50:26	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
612	315 19:50:38	31				BEGIN PMPCALLR			53146:45:001F	04-315/06:45:23	1T
613	315 19:50:38	31				INITIATE PMPCAL CYCLIC			53146:45:001F	04-315/06:45:23	1T
614	315 19:50:38	31				PMPCAL LOOPS=27D22H24M 13 TIMES			53146:45:001F	04-315/06:45:23	1T
615	315 19:54:38	31				B- DRCR5T			53146:50:001F	04-315/06:49:23	1TB
616	315 19:54:38	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		53146:50:008F	04-315/06:49:24	1ECf
617	315 19:55:26	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	53146:51:001F	04-315/06:50:11	1ESf
618	315 19:55:26	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		53146:51:001F	04-315/06:50:11	1ECs
619	315 20:01:50	31			SC06BY	(7) FDS PLS/MAG/PESCAL FLAG PLSCAL ENABLED MAGCAL ENABLED PESCAL ENABLED	FDS		53146:59:008F	04-315/06:56:36	1ECf
620	315 20:01:51	31			AC7SSB	(4 +154) SS BIAS CONTROL --- YAW	AACS		53146:59:013F	04-315/06:56:36	1ECa
621	315 20:02:38	31				BEGIN PLS/MAG/PESCAL			53147:00:001F	04-315/06:57:23	1T
622	315 21:45:02	31				END PLSCAL			53149:08:001F	04-315/08:39:47	1T
623	315 23:05:03	31				END MAGCAL			53150:48:001F	04-315/09:59:47	1T
624	315 23:18:27	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
625	315 23:18:27	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
626	315 23:22:39	31				END PESCAL			53151:10:001F	04-315/10:17:23	1T
627	315 23:22:39	31				B- DRCRUS			53151:10:001F	04-315/10:17:23	1TB
628	315 23:22:39	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		53151:10:009F	04-315/10:17:24	1ECf
629	315 23:23:27	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	53151:11:001F	04-315/10:18:11	1ESf
630	315 23:23:27	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		53151:11:002F	04-315/10:18:11	1ECs
631	315 23:23:28	31				END PMPCALLR			53151:11:018F	04-315/10:18:12	1T
632	316 00:00:00	31				VGR-31 OWLT IS 13H 05M 15S					1L
633	316 04:07:17	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN D/L CARRIER SIG LEVEL					11EC
634	316 04:12:17	31				X BAND LOW POWER			53157:12:001F	04-315/15:06:59	1T
635	316 04:12:17	31			DC2HR	X-BAND TWT LOW POWER	RFS		53157:12:002F	04-315/15:06:59	1ECr
636	316 04:16:17	31			CC1T	BAY 1 HTR ON	PWR		53157:17:002F	04-315/15:10:59	1ECp
637	316 04:16:18	31				END PWSPBA31			53157:17:018F	04-315/15:11:00	1T
638	316 04:16:18	31				END BASLIN			53157:17:018F	04-315/15:11:00	1T
639	316 12:00:00	31				VGR-31 OWLT IS 13H 05M 19S					1L
640	317 00:00:00	31				VGR-31 OWLT IS 13H 05M 23S					1L
641	317 12:00:00	31				VGR-31 OWLT IS 13H 05M 27S					1L
642	318 00:00:00	31				VGR-31 OWLT IS 13H 05M 30S					1L

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
643	318 12:00:00	31				VGR-31 OWLT IS 13H 05M 34S					1L
644	319 00:00:00	31				VGR-31 OWLT IS 13H 05M 38S					1L
645	319 12:00:00	31				VGR-31 OWLT IS 13H 05M 41S					1L
646	320 00:00:00	31				VGR-31 OWLT IS 13H 05M 45S					1L
647	320 12:00:00	31				VGR-31 OWLT IS 13H 05M 49S					1L
648	320 15:31:14	31			AC7SSB	(3 +013) SS BIAS CONTROL - PITCH	AACS		53291:20:002F	04-320/02:25:24	1ECa
649	320 17:18:26	31			AC7SSB	(4 +155) SS BIAS CONTROL --- YAW	AACS		53293:34:003F	04-320/04:12:36	1ECa
650	321 00:00:00	31				VGR-31 OWLT IS 13H 05M 52S					1L
651	321 12:00:00	31				VGR-31 OWLT IS 13H 05M 56S					1L
652	322 00:00:00	31				VGR-31 OWLT IS 13H 05M 59S					1L
653	322 03:19:12	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
654	322 03:19:12	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
655	322 03:20:00	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
656	322 03:20:00	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
657	322 03:22:36	31				BEGIN PWSREC.31			53336:09:001F	04-321/14:16:35	1T
658	322 03:22:36	31			SC32AJ	(10) PLS CONFIG CMD	FDS		53336:09:009F	04-321/14:16:36	1ECf
659	322 03:23:24	31				B- DRGS4B			53336:10:001F	04-321/14:17:23	1TB

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
660	322 03:23:24	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		53336:10:009F	04-321/14:17:24	1ECf
661	322 03:24:08	31				BEGIN RECORDING PWS DATA			53336:10:734F	04-321/14:18:07	1T
662	322 03:24:08	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		53336:10:735F	04-321/14:18:08	1ECd
663	322 03:24:08	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:1148	DTR		53336:10:735F	04-321/14:18:08	1ESd
664	322 03:24:12	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	53336:11:001F	04-321/14:18:11	1ESf
665	322 03:24:12	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		53336:11:002F	04-321/14:18:11	1ECs
666	322 03:24:13	31				B- DRCRUS			53336:11:018F	04-321/14:18:12	1TB
667	322 03:24:13	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		53336:11:026F	04-321/14:18:13	1ECf
668	322 03:25:00	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	53336:12:001F	04-321/14:18:59	1ESf

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
669	322 03:25:00	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		53336:12:002F	04-321/14:18:59	1ECs
670	322 03:25:00	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		53336:12:002F	04-321/14:19:00	1ECd
671	322 03:25:00	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1440	DTR		53336:12:002F	04-321/14:19:00	1ESd
672	322 03:25:48	31			SC32AJ	(13) PLS CONFIG CMD	FDS		53336:13:009F	04-321/14:19:48	1ECf
673	322 03:25:49	31				END PWSREC.31			53336:13:018F	04-321/14:19:48	1T
674	322 12:00:00	31				VGR-31 OWLT IS 13H 06M 03S					1L
675	323 00:00:00	31				VGR-31 OWLT IS 13H 06M 06S					1L
676	323 12:00:00	31				VGR-31 OWLT IS 13H 06M 10S					1L
677	324 00:00:00	31				VGR-31 OWLT IS 13H 06M 13S					1L
678	324 12:00:00	31				VGR-31 OWLT IS 13H 06M 17S					1L
679	325 00:00:00	31				VGR-31 OWLT IS 13H 06M 20S					1L
680	325 12:00:00	31				VGR-31 OWLT IS 13H 06M 23S					1L
681	325 14:35:00	31			AC7SSB	(4 +156) SS BIAS CONTROL --- YAW	AACS		53440:09:003F	04-325/01:28:36	1ECa
682	326 00:00:00	31				VGR-31 OWLT IS 13H 06M 26S					1L
683	326 12:00:00	31				VGR-31 OWLT IS 13H 06M 30S					1L
684	326 21:51:08	31			AC7SSB	(3 +012) SS BIAS CONTROL - PITCH	AACS		53479:14:003F	04-326/08:44:36	1ECa
685	327 00:00:00	31				VGR-31 OWLT IS 13H 06M 33S					1L
686	327 12:00:00	31				VGR-31 OWLT IS 13H 06M 36S					1L
687	328 00:00:00	31				VGR-31 OWLT IS 13H 06M 39S					1L
688	328 12:00:00	31				VGR-31 OWLT IS 13H 06M 42S					1L

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
689	329 00:00:00	31				VGR-31 OWLT IS 13H 06M 46S					1L
690	329 02:55:58	31		ACE OPCH		>>>>>>>> 5 MIN WARNING <<<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
691	329 02:55:58	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
692	329 02:56:46	31		ACE OPCH		>>>>>>>> 5 MIN WARNING <<<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
693	329 02:56:46	31		ACE OPCH		>>>>>>>> 5 MIN WARNING <<<<<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
694	329 02:59:22	31				BEGIN PWSREC.31			53545:39:001F	04-328/13:52:35	1T
695	329 02:59:22	31			SC32AJ	(10) PLS CONFIG CMD	FDS		53545:39:010F	04-328/13:52:36	1ECf
696	329 03:00:10	31				B- DRGS4B			53545:40:001F	04-328/13:53:23	1TB
697	329 03:00:10	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		53545:40:009F	04-328/13:53:24	1ECf
698	329 03:00:54	31				BEGIN RECORDING PWS DATA			53545:40:734F	04-328/13:54:07	1T
699	329 03:00:54	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		53545:40:735F	04-328/13:54:08	1ECd
700	329 03:00:54	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:1447	DTR		53545:40:735F	04-328/13:54:08	1ESd

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
701	329 03:00:58	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	53545:41:001F	04-328/13:54:11	1ESf
702	329 03:00:58	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		53545:41:002F	04-328/13:54:11	1ECs
703	329 03:00:59	31				B- DRCRUS			53545:41:018F	04-328/13:54:12	1TB
704	329 03:00:59	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		53545:41:026F	04-328/13:54:13	1ECf
705	329 03:01:46	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	53545:42:001F	04-328/13:54:59	1ESf
706	329 03:01:46	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		53545:42:002F	04-328/13:54:59	1ECs
707	329 03:01:46	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		53545:42:002F	04-328/13:55:00	1ECd
708	329 03:01:46	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1739	DTR		53545:42:002F	04-328/13:55:00	1ESd
709	329 03:02:34	31			SC32AJ	(13) PLS CONFIG CMD	FDS		53545:43:009F	04-328/13:55:48	1ECf
710	329 03:02:35	31				END PWSREC.31			53545:43:018F	04-328/13:55:48	1T
711	329 12:00:00	31				VGR-31 OWLT IS 13H 06M 49S					1L

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
712	330 00:00:00	31				VGR-31 OWLT IS 13H 06M 52S					1L
713	330 11:51:31	31			AC7SSB	(4 +157) SS BIAS CONTROL --- YAW	AACS		53586:44:003F	04-329/22:44:36	1ECa
714	330 12:00:00	31				VGR-31 OWLT IS 13H 06M 55S					1L
715	331 00:00:00	31				VGR-31 OWLT IS 13H 06M 58S					1L
716	331 12:00:00	31				VGR-31 OWLT IS 13H 07M 01S					1L
717	331 16:30:02	31			AC7SSB	(3 +011) SS BIAS CONTROL - PITCH	AACS		53622:32:003F	04-331/03:23:00	1ECa
718	332 00:00:00	31				VGR-31 OWLT IS 13H 07M 04S					1L
719	332 12:00:00	31				VGR-31 OWLT IS 13H 07M 07S					1L
720	333 00:00:00	31				VGR-31 OWLT IS 13H 07M 09S					1L
721	333 12:00:00	31				VGR-31 OWLT IS 13H 07M 12S					1L
722	334 00:00:00	31				VGR-31 OWLT IS 13H 07M 15S					1L
723	334 12:00:00	31				VGR-31 OWLT IS 13H 07M 18S					1L
724	335 00:00:00	31				VGR-31 OWLT IS 13H 07M 21S					1L
725	335 09:07:59	31			AC7SSB	(4 +158) SS BIAS CONTROL --- YAW	AACS		53733:19:003F	04-334/20:00:36	1ECa
726	335 12:00:00	31				VGR-31 OWLT IS 13H 07M 23S					1L
727	336 00:00:00	31				VGR-31 OWLT IS 13H 07M 26S					1L
728	336 02:32:39	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
729	336 02:32:39	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
730	336 02:33:27	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
731	336 02:33:27	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
732	336 02:36:02	31				BEGIN PWSREC.31			53755:09:001F	04-335/13:28:35	1T
733	336 02:36:02	31			SC32AJ	(10) PLS CONFIG CMD	FDS		53755:09:009F	04-335/13:28:36	1ECF
734	336 02:36:51	31				B- DRGS4B			53755:10:001F	04-335/13:29:23	1TB
735	336 02:36:51	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		53755:10:009F	04-335/13:29:24	1ECF
736	336 02:37:35	31				BEGIN RECORDING PWS DATA			53755:10:734F	04-335/13:30:07	1T
737	336 02:37:35	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		53755:10:735F	04-335/13:30:08	1ECD
738	336 02:37:35	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:1746	DTR		53755:10:735F	04-335/13:30:08	1ESd
739	336 02:37:39	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE -----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	53755:11:001F	04-335/13:30:11	1ESf
740	336 02:37:39	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		53755:11:002F	04-335/13:30:11	1ECs
741	336 02:37:40	31				B- DRCRUS			53755:11:018F	04-335/13:30:12	1TB

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
742	336 02:37:40	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		53755:11:026F	04-335/13:30:13	1ECf
743	336 02:38:27	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	53755:12:001F	04-335/13:30:59	1ESf
744	336 02:38:27	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		53755:12:002F	04-335/13:30:59	1ECs
745	336 02:38:27	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		53755:12:002F	04-335/13:31:00	1ECd
746	336 02:38:27	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2038	DTR		53755:12:002F	04-335/13:31:00	1ESd
747	336 02:39:15	31			SC32AJ	(13) PLS CONFIG CMD	FDS		53755:13:009F	04-335/13:31:48	1ECf
748	336 02:39:16	31				END PWSREC.31			53755:13:018F	04-335/13:31:48	1T
749	336 11:08:52	31			AC7SSB	(3 +010) SS BIAS CONTROL - PITCH	AACS		53765:50:003F	04-335/22:01:24	1ECa
750	336 12:00:00	31				VGR-31 OWLT IS 13H 07M 29S					1L
751	337 00:00:00	31				VGR-31 OWLT IS 13H 07M 31S					1L
752	337 12:00:00	31				VGR-31 OWLT IS 13H 07M 34S					1L
753	338 00:00:00	31				VGR-31 OWLT IS 13H 07M 36S					1L
754	338 12:00:00	31				VGR-31 OWLT IS 13H 07M 39S					1L
755	339 00:00:00	31				VGR-31 OWLT IS 13H 07M 41S					1L
756	339 12:00:00	31				VGR-31 OWLT IS 13H 07M 44S					1L
757	340 00:00:00	31				VGR-31 OWLT IS 13H 07M 46S					1L

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
758	340 06:24:24	31			AC7SSB	(4 +159) SS BIAS CONTROL --- YAW	AACS		53879:54:003F	04-339/17:16:36	1ECa
759	340 12:00:00	31				VGR-31 OWLT IS 13H 07M 49S					1L
760	341 00:00:00	31				VGR-31 OWLT IS 13H 07M 51S					1L
761	341 05:47:40	31			AC7SSB	(3 +009) SS BIAS CONTROL - PITCH	AACS		53909:08:003F	04-340/16:39:48	1ECa
762	341 12:00:00	31				VGR-31 OWLT IS 13H 07M 53S					1L
763	342 00:00:00	31				VGR-31 OWLT IS 13H 07M 56S					1L
764	342 12:00:00	31				VGR-31 OWLT IS 13H 07M 58S					1L
765	343 00:00:00	31				VGR-31 OWLT IS 13H 08M 00S					1L
766	343 02:09:13	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
767	343 02:09:13	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
768	343 02:10:01	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
769	343 02:10:01	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
770	343 02:12:37	31				BEGIN PWSREC.31			53964:39:001F	04-342/13:04:35	1T
771	343 02:12:37	31			SC32AJ	(10) PLS CONFIG CMD	FDS		53964:39:010F	04-342/13:04:36	1ECf
772	343 02:13:25	31				B- DRGS4B			53964:40:001F	04-342/13:05:23	1TB
773	343 02:13:25	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		53964:40:009F	04-342/13:05:24	1ECf
774	343 02:14:09	31				BEGIN RECORDING PWS DATA			53964:40:734F	04-342/13:06:07	1T

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
775	343 02:14:09	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		53964:40:735F	04-342/13:06:08	1ECd
776	343 02:14:09	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:2045	DTR		53964:40:735F	04-342/13:06:08	1ESd
777	343 02:14:13	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	53964:41:001F	04-342/13:06:11	1ESf
778	343 02:14:13	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		53964:41:002F	04-342/13:06:11	1ECs
779	343 02:14:14	31				B- DRCRUS			53964:41:018F	04-342/13:06:12	1TB
780	343 02:14:14	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		53964:41:026F	04-342/13:06:13	1ECf
781	343 02:15:01	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	53964:42:001F	04-342/13:06:59	1ESf
782	343 02:15:01	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		53964:42:002F	04-342/13:06:59	1ECs
783	343 02:15:01	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		53964:42:002F	04-342/13:07:00	1ECd

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
784	343 02:15:01	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2337	DTR		53964:42:002F	04-342/13:07:00	1ESd
785	343 02:15:49	31			SC32AJ	(13) PLS CONFIG CMD	FDS		53964:43:009F	04-342/13:07:48	1ECf
786	343 02:15:50	31				END PWSREC.31			53964:43:018F	04-342/13:07:48	1T
787	343 12:00:00	31				VGR-31 OWLT IS 13H 08M 02S					1L
788	343 18:17:16	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
789	343 18:17:16	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
790	343 18:17:28	31				BEGIN PMPCALLR			53984:45:001F	04-343/05:09:23	1T
791	343 18:21:28	31				B- DRCR5T			53984:50:001F	04-343/05:13:23	1TB
792	343 18:21:28	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		53984:50:009F	04-343/05:13:24	1ECf
793	343 18:22:16	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	53984:51:001F	04-343/05:14:11	1ESf
794	343 18:22:16	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		53984:51:002F	04-343/05:14:11	1ECs
795	343 18:28:40	31			SC06BY	(7) FDS PLS/MAG/PESCAL FLAG PLSCAL ENABLED MAGCAL ENABLED PESCAL ENABLED	FDS		53984:59:009F	04-343/05:20:36	1ECf

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
796	343 18:29:28	31				BEGIN PLS/MAG/PESCAL			53985:00:001F	04-343/05:21:23	1T
797	343 20:11:52	31				END PLSCAL			53987:08:001F	04-343/07:03:47	1T
798	343 21:31:52	31				END MAGCAL			53988:48:001F	04-343/08:23:47	1T
799	343 21:45:16	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
800	343 21:45:16	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
801	343 21:49:28	31				END PESCAL			53989:10:001F	04-343/08:41:23	1T
802	343 21:49:28	31				B- DRCRUS			53989:10:001F	04-343/08:41:23	1TB
803	343 21:49:28	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		53989:10:009F	04-343/08:41:24	1ECf
804	343 21:50:16	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	53989:11:001F	04-343/08:42:11	1ESf
805	343 21:50:16	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		53989:11:002F	04-343/08:42:11	1ECs
806	343 21:50:17	31				END PMPCALLR			53989:11:018F	04-343/08:42:12	1T
807	344 00:00:00	31				VGR-31 OWLT IS 13H 08M 05S					1L
808	344 12:00:00	31				VGR-31 OWLT IS 13H 08M 07S					1L
809	345 00:00:00	31				VGR-31 OWLT IS 13H 08M 09S					1L
810	345 03:40:46	31			AC7SSB	(4 +160) SS BIAS CONTROL --- YAW	AACS		54026:29:003F	04-344/14:32:36	1ECa
811	345 12:00:00	31				VGR-31 OWLT IS 13H 08M 11S					1L

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
812	346 00:00:00	31				VGR-31 OWLT IS 13H 08M 13S					1L
813	346 00:26:25	31			AC7SSB	(3 +008) SS BIAS CONTROL - PITCH	AACS		54052:26:003F	04-345/11:18:12	1ECa
814	346 12:00:00	31				VGR-31 OWLT IS 13H 08M 15S					1L
815	347 00:00:00	31				VGR-31 OWLT IS 13H 08M 17S					1L
816	347 12:00:00	31				VGR-31 OWLT IS 13H 08M 19S					1L
817	348 00:00:00	31				VGR-31 OWLT IS 13H 08M 21S					1L
818	348 12:00:00	31				VGR-31 OWLT IS 13H 08M 23S					1L
819	349 00:00:00	31				VGR-31 OWLT IS 13H 08M 25S					1L
820	349 12:00:00	31				VGR-31 OWLT IS 13H 08M 27S					1L
821	349 12:15:27	31				B- RPLY14.31			54157:12:001F	04-348/23:06:59	1TB
822	349 12:15:27	31				BEGIN REPLAY31			54157:12:001F	04-348/23:06:59	1T
823	349 12:15:27	31				BEGIN TAPPOS			54157:12:001F	04-348/23:06:59	1T
824	349 12:15:27	31				TAPPOS TO 1705			54157:12:001F	04-348/23:06:59	1T
825	349 12:15:27	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		54157:12:002F	04-348/23:07:00	1ECd
826	349 12:15:27	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2344	DTR		54157:12:002F	04-348/23:07:00	1ESd
827	349 12:45:01	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		54157:48:774F	04-348/23:36:34	1ECd
828	349 12:45:01	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1705	DTR		54157:48:774F	04-348/23:36:34	1ESd
829	349 14:28:51	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN D/L CARRIER SIG LEVEL					11EC
830	349 14:29:51	31				B- XHIPWR.31			54160:00:001F	04-349/01:21:23	1TB

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
831	349 14:29:51	31				BEGIN XHIPWR31			54160:00:001F	04-349/01:21:23	1T
832	349 14:29:51	31			CC1TR	BAY 1 HTR OFF	PWR		54160:00:002F	04-349/01:21:24	1ECp
833	349 14:33:51	31				X BAND HIGH POWER			54160:05:001F	04-349/01:25:23	1T
834	349 14:33:51	31			DC2H	X-BAND TWT HIGH POWER	RFS		54160:05:002F	04-349/01:25:23	1ECr
835	349 15:14:39	31				YAW05			54160:56:001F	04-349/02:06:11	1T
836	349 15:14:39	31			AC7PAR	(6741 000740) +YAW DB=.05 DEG	AACS		54160:56:004F	04-349/02:06:12	1ECa
837	349 15:20:03	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
838	349 15:20:03	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=39 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
839	349 15:20:03	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
840	349 15:24:15	31				CALL DDPB1431			54161:08:001F	04-349/02:15:47	1T
841	349 15:24:15	31			SC06BB	(12 0 07 0) FDS MODE TO: PB-14 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		54161:08:009F	04-349/02:15:48	1ECf
842	349 15:25:00	31				REPLAY BACK LOST DATA			54161:08:751F	04-349/02:16:32	1T
843	349 15:25:01	31			CC16C	(1213) DTR STATE SELECT:PLAYBACK	DTR		54161:08:769F	04-349/02:16:34	1ECd
844	349 15:25:01	31				DTR STATUS MODE:PLAY RATE:007.2K DIR:F TRK:3 TIC:1705	DTR		54161:08:769F	04-349/02:16:34	1ESd
845	349 15:25:03	31		ACE OPCH		FDS STATUS PB-14/X1.4K/S40 MEM:PA/FDS11	FDS	PB-14	54161:09:001F	04-349/02:16:35	1ESf

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
846	349 15:25:03	31			CC3A	(39310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=39 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		54161:09:002F	04-349/02:16:35	1ECs
847	349 15:25:03	31			CC6AD	(3 2 0 2) SVC-W4 FDS MEM B WRT PROTECT	FDS		54161:09:002F	04-349/02:16:36	1ECf
848	349 15:25:03	31		ACE OPCH		FDS STATUS PB-14/X1.4K/S40 MEM:PA/FDS11	FDS	PB-14	54161:09:002F	04-349/02:16:36	1ESf
849	349 16:52:03	31			EOT	END OF TAPE			54162:57:595F	04-349/03:43:35	1Ed
850	349 16:52:03	31			EOT	END OF TAPE			54162:57:599F	04-349/03:43:35	1Ed
851	349 19:28:48	31			BOT	BEGIN OF TAPE			54166:13:538F	04-349/06:20:20	1Ed
852	349 19:28:48	31			BOT	BEGIN OF TAPE			54166:13:541F	04-349/06:20:20	1Ed
853	349 21:55:16	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
854	349 21:55:16	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
855	349 21:55:17	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
856	349 21:59:29	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		54169:22:026F	04-349/08:51:01	1ECf
857	349 22:00:16	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	54169:23:001F	04-349/08:51:47	1ESf

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
858	349 22:00:16	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		54169:23:002F	04-349/08:51:47	1ECs
859	349 22:00:17	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		54169:23:019F	04-349/08:51:49	1ECd
860	349 22:00:17	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:3471	DTR		54169:23:019F	04-349/08:51:49	1ESd
861	349 22:00:17	31			CC6AD	(3 2 0 0) SVC-W4 FDS MEM B WRT PROTECT	FDS		54169:23:019F	04-349/08:51:49	1ECf
862	349 22:00:17	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	54169:23:019F	04-349/08:51:49	1ESf
863	349 22:00:18	31				END PLAYBACK			54169:23:034F	04-349/08:51:49	1T
864	349 22:09:53	31				YAWDB - .10			54169:35:018F	04-349/09:01:24	1T
865	349 22:09:53	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		54169:35:020F	04-349/09:01:25	1ECa
866	349 22:14:40	31				BEGIN TAPPOS			54169:41:001F	04-349/09:06:11	1T
867	349 22:14:40	31				TAPPOS TO 2344			54169:41:001F	04-349/09:06:11	1T
868	349 22:14:40	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		54169:41:002F	04-349/09:06:12	1ECd
869	349 22:14:40	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3472	DTR		54169:41:002F	04-349/09:06:12	1ESd
870	349 23:06:51	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		54170:46:183F	04-349/09:58:22	1ECd

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT 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	349 23:06:51	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2344	DTR		54170:46:183F	04-349/09:58:22	1ESd
872	350 00:00:00	31				VGR-31 OWLT IS 13H 08M 28S					1L
873	350 00:57:05	31			AC7SSB	(4 +161) SS BIAS CONTROL --- YAW	AACS		54173:04:002F	04-349/11:48:36	1ECa
874	350 01:04:17	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		54173:13:002F	04-349/11:55:48	1ECd
875	350 01:04:17	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2344	DTR		54173:13:002F	04-349/11:55:48	1ESd
876	350 01:04:18	31				END REPLAY31			54173:13:018F	04-349/11:55:48	1T
877	350 01:45:41	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
878	350 01:45:41	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
879	350 01:46:29	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
880	350 01:46:29	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
881	350 01:49:05	31				BEGIN PWSREC.31			54174:09:001F	04-349/12:40:35	1T
882	350 01:49:05	31			SC32AJ	(10) PLS CONFIG CMD	FDS		54174:09:009F	04-349/12:40:36	1ECf
883	350 01:49:53	31				B- DRGS4B			54174:10:001F	04-349/12:41:23	1TB

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
884	350 01:49:53	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		54174:10:009F	04-349/12:41:24	1ECf
885	350 01:50:37	31				BEGIN RECORDING PWS DATA			54174:10:734F	04-349/12:42:07	1T
886	350 01:50:37	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		54174:10:735F	04-349/12:42:08	1ECd
887	350 01:50:37	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:2344	DTR		54174:10:735F	04-349/12:42:08	1ESd
888	350 01:50:41	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	54174:11:001F	04-349/12:42:11	1ESf
889	350 01:50:41	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		54174:11:002F	04-349/12:42:11	1ECs
890	350 01:50:42	31				B- DRCRUS			54174:11:018F	04-349/12:42:12	1TB
891	350 01:50:42	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		54174:11:026F	04-349/12:42:13	1ECf
892	350 01:51:29	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	54174:12:001F	04-349/12:42:59	1ESf

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
893	350 01:51:29	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		54174:12:002F	04-349/12:42:59	1ECs
894	350 01:51:29	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		54174:12:002F	04-349/12:43:00	1ECd
895	350 01:51:29	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2637	DTR		54174:12:002F	04-349/12:43:00	1ESd
896	350 01:52:17	31			SC32AJ	(13) PLS CONFIG CMD	FDS		54174:13:009F	04-349/12:43:48	1ECf
897	350 01:52:18	31				END PWSREC.31			54174:13:018F	04-349/12:43:48	1T
898	350 12:00:00	31				VGR-31 OWLT IS 13H 08M 30S					1L
899	350 19:05:07	31			AC7SSB	(3 +007) SS BIAS CONTROL - PITCH	AACS		54195:44:003F	04-350/05:56:36	1ECa
900	351 00:00:00	31				VGR-31 OWLT IS 13H 08M 32S					1L
901	351 12:00:00	31				VGR-31 OWLT IS 13H 08M 34S					1L
902	352 00:00:00	31				VGR-31 OWLT IS 13H 08M 35S					1L
903	352 12:00:00	31				VGR-31 OWLT IS 13H 08M 37S					1L
904	353 00:00:00	31				VGR-31 OWLT IS 13H 08M 39S					1L
905	353 12:00:00	31				VGR-31 OWLT IS 13H 08M 40S					1L
906	354 00:00:00	31				VGR-31 OWLT IS 13H 08M 42S					1L
907	354 12:00:00	31				VGR-31 OWLT IS 13H 08M 43S					1L
908	355 00:00:00	31				VGR-31 OWLT IS 13H 08M 45S					1L
909	355 12:00:00	31				VGR-31 OWLT IS 13H 08M 46S					1L
910	355 13:43:47	31			AC7SSB	(3 +006) SS BIAS CONTROL - PITCH	AACS		54339:02:003F	04-355/00:35:00	1ECa
911	356 00:00:00	31				VGR-31 OWLT IS 13H 08M 48S					1L
912	356 01:23:00	31			AC7SSB	(4 +162) SS BIAS CONTROL --- YAW	AACS		54353:36:003F	04-355/12:14:12	1ECa

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
913	356 12:00:00	31				VGR-31 OWLT IS 13H 08M 49S					1L
914	357 00:00:00	31				VGR-31 OWLT IS 13H 08M 51S					1L
915	357 01:22:03	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
916	357 01:22:03	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
917	357 01:22:51	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
918	357 01:22:51	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
919	357 01:25:27	31				BEGIN PWSREC.31			54383:39:001F	04-356/12:16:35	1T
920	357 01:25:27	31			SC32AJ	(10) PLS CONFIG CMD	FDS		54383:39:010F	04-356/12:16:36	1ECf
921	357 01:26:15	31				B- DRGS4B			54383:40:001F	04-356/12:17:23	1TB
922	357 01:26:15	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		54383:40:009F	04-356/12:17:24	1ECf
923	357 01:26:59	31				BEGIN RECORDING PWS DATA			54383:40:734F	04-356/12:18:07	1T
924	357 01:26:59	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		54383:40:735F	04-356/12:18:08	1ECd
925	357 01:26:59	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:2643	DTR		54383:40:735F	04-356/12:18:08	1ESd

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
926	357 01:27:03	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	54383:41:001F	04-356/12:18:11	1ESf
927	357 01:27:03	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		54383:41:002F	04-356/12:18:11	1ECs
928	357 01:27:04	31				B- DRCRUS			54383:41:018F	04-356/12:18:12	1TB
929	357 01:27:04	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		54383:41:026F	04-356/12:18:13	1ECf
930	357 01:27:51	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	54383:42:001F	04-356/12:18:59	1ESf
931	357 01:27:51	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		54383:42:002F	04-356/12:19:00	1ECs
932	357 01:27:51	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		54383:42:002F	04-356/12:19:00	1ECd
933	357 01:27:51	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2936	DTR		54383:42:002F	04-356/12:19:00	1ESd
934	357 01:28:39	31			SC32AJ	(13) PLS CONFIG CMD	FDS		54383:43:009F	04-356/12:19:48	1ECf
935	357 01:28:40	31				END PWSREC.31			54383:43:018F	04-356/12:19:48	1T
936	357 12:00:00	31				VGR-31 OWLT IS 13H 08M 52S					1L

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
937	357 13:50:04	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
938	357 13:50:04	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=39 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
939	357 13:54:16	31				B- FULMRO			54399:15:001F	04-357/00:45:23	1TB
940	357 13:54:16	31				BEGIN FULMRO			54399:15:001F	04-357/00:45:23	1T
941	357 13:54:16	31			SC06BB	(16 0 14 0) FDS MODE TO: EH-12 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : MOD CRUISE AACS READOUT MODE : TELEMETRY	FDS		54399:15:009F	04-357/00:45:24	1ECf
942	357 13:55:04	31		ACE OPCH		FDS STATUS EH-12/X1.2K/S(N/A) MEM:PA/FDS11	FDS	MC-12	54399:16:001F	04-357/00:46:11	1ESf
943	357 13:55:04	31			CC3A	(39310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=39 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		54399:16:002F	04-357/00:46:11	1ECs
944	357 14:04:28	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
945	357 14:08:40	31			SC06BB	(16 0 14 1) FDS MODE TO: EH-12 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : MOD CRUISE AACS READOUT MODE : MEMORY	FDS		54399:33:009F	04-357/00:59:48	1ECf
946	357 14:09:27	31				START AACS MEM R/O			54399:33:784F	04-357/01:00:34	1T
947	357 14:09:28	31		ACE OPCH		FDS STATUS EH-12/X1.2K/S(N/A) MEM:PA/FDS11	FDS	AA-12	54399:34:001F	04-357/01:00:35	1ESf

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
948	357 14:09:28	31			AC7MLD	(0000) MISC LOGIC CNTL MEM DUMP	AACS		54399:34:003F	04-357/01:00:36	1ECa
949	357 14:24:28	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
950	357 14:28:40	31			SC06PV	(8004) FDS TREE SWITCH ID CCS MEMORY READ OUT	FDS		54399:58:009F	04-357/01:19:48	1ECf
951	357 14:28:41	31			SC06BB	(16 0 02 0) FDS MODE TO: EH-12 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CCS MEM R/O AACS READOUT MODE : TELEMETRY	FDS		54399:58:019F	04-357/01:19:49	1ECf
952	357 14:29:26	31				END AACS R/O			54399:58:768F	04-357/01:20:33	1T
953	357 14:29:27	31				BEGIN CCS MEM R/O			54399:58:784F	04-357/01:20:34	1T
954	357 14:29:28	31		ACE OPCH		FDS STATUS EH-12/X1.2K/S(N/A) MEM:PA/FDS11	FDS	CCS R/O	54399:59:001F	04-357/01:20:35	1ESf
955	357 14:34:16	31			SC06PV	(8005) FDS TREE SWITCH ID CCS MEMORY READ OUT	FDS		54400:05:009F	04-357/01:25:24	1ECf
956	357 14:35:40	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
957	357 14:39:04	31			SC06PU	(0000) FDS R/O START ADDRESS	FDS		54400:11:009F	04-357/01:30:12	1ECf
958	357 14:39:52	31			SC06BB	(16 0 00 0) FDS MODE TO: EH-12 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : FDS MEM R/O AACS READOUT MODE : TELEMETRY	FDS		54400:12:009F	04-357/01:31:00	1ECf
959	357 14:40:39	31				END CCS MEM R/O			54400:12:784F	04-357/01:31:46	1T
960	357 14:40:40	31				BEGIN FDS MEM R/O			54400:13:001F	04-357/01:31:47	1T

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
961	357 14:40:40	31		ACE OPCH		FDS STATUS EH-12/X1.2K/S(N/A) MEM:PA/FDS11	FDS	FDS R/O	54400:13:001F	04-357/01:31:47	1ESf
962	357 14:48:28	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
963	357 14:48:28	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
964	357 14:52:40	31				B- DRCRUS			54400:28:001F	04-357/01:43:47	1TB
965	357 14:52:40	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		54400:28:009F	04-357/01:43:48	1ECf
966	357 14:53:28	31				END FDS MEM R/O			54400:29:001F	04-357/01:44:35	1T
967	357 14:53:28	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	54400:29:001F	04-357/01:44:35	1ESf
968	357 14:53:28	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		54400:29:002F	04-357/01:44:35	1ECs
969	357 14:53:29	31				END FULMRO			54400:29:018F	04-357/01:44:36	1T
970	357 17:54:53	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN D/L CARRIER SIG LEVEL					11EC
971	357 17:59:53	31				X BAND LOW POWER			54404:22:001F	04-357/04:50:59	1T
972	357 17:59:53	31			DC2HR	X-BAND TWT LOW POWER	RFS		54404:22:002F	04-357/04:50:59	1ECr
973	357 18:03:53	31			CC1T	BAY 1 HTR ON	PWR		54404:27:002F	04-357/04:55:00	1ECp

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
974	357 18:03:54	31				END XHIPWR31			54404:27:018F	04-357/04:55:00	1T
975	358 00:00:00	31				VGR-31 OWLT IS 13H 08M 53S					1L
976	358 12:00:00	31				VGR-31 OWLT IS 13H 08M 55S					1L
977	359 00:00:00	31				VGR-31 OWLT IS 13H 08M 56S					1L
978	359 12:00:00	31				VGR-31 OWLT IS 13H 08M 57S					1L
979	359 12:54:36	31	10RISE			10.2 DEGREE RISE DSC-10					1V
980	359 14:50:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0000 (D/L ONLY)					1DP
981	359 14:50:00	31				CFG CODES					1DP
982	359 20:19:45	31	40RISE			10.2 DEGREE RISE DSC-40					1V
983	359 22:45:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0000					1DP
984	360 00:00:00	31				VGR-31 OWLT IS 13H 08M 58S					1L
985	360 00:19:34	31	10 SET			10.2 DEGREE SET DSC-10					1V
986	360 05:18:12	31	60RISE			10.2 DEGREE RISE DSC-60					1V
987	360 05:25:24	31	40 SET			10.2 DEGREE SET DSC-40					1V
988	360 08:22:23	31			AC7SSB	(3 +005) SS BIAS CONTROL - PITCH	AACS		54482:20:003F	04-359/19:13:24	1ECa
989	360 12:00:00	31				VGR-31 OWLT IS 13H 09M 00S					1L
990	360 12:50:42	31	10RISE			10.2 DEGREE RISE DSC-10					1V
991	360 14:50:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0001 (D/L ONLY)					1DP
992	360 14:50:00	31				CFG CODES					1DP
993	360 16:26:56	31	60 SET			14.5 DEGREE SET DSC-60					1V
994	360 20:15:52	31	40RISE			10.2 DEGREE RISE DSC-40					1V
995	360 23:35:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0001					1DP

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
996	361 00:00:00	31				VGR-31 OWLT IS 13H 09M 01S					1L
997	361 00:15:41	31	10	SET		10.2 DEGREE SET DSC-10					1V
998	361 05:14:19	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
999	361 05:21:31	31	40	SET		10.2 DEGREE SET DSC-40					1V
1000	361 08:45:00	31	55	AOS	OPCH ACE	AOS DSS-55 PASS-0001 (D/L ONLY)					1DP
1001	361 08:45:00	31				CFG CODES					1DP
1002	361 12:00:00	31				VGR-31 OWLT IS 13H 09M 02S					1L
1003	361 12:46:49	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
1004	361 13:15:00	31	55	LOS	OPCH ACE	LOS DSS-55 PASS-0001					1DP
1005	361 14:25:00	31	25	AOS	OPCH ACE	AOS DSS-25 PASS-0002 (D/L ONLY)					1DP
1006	361 14:25:00	31				CFG CODES					1DP
1007	361 16:23:04	31	60	SET		14.5 DEGREE SET DSC-60					1V
1008	361 20:11:59	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
1009	361 22:35:00	31	25	LOS	OPCH ACE	LOS DSS-25 PASS-0002					1DP
1010	362 00:00:00	31				VGR-31 OWLT IS 13H 09M 03S					1L
1011	362 00:11:48	31	10	SET		10.2 DEGREE SET DSC-10					1V
1012	362 05:10:25	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
1013	362 05:17:37	31	40	SET		10.2 DEGREE SET DSC-40					1V
1014	362 12:00:00	31				VGR-31 OWLT IS 13H 09M 04S					1L
1015	362 12:42:55	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
1016	362 14:30:00	31	15	AOS	OPCH ACE	AOS DSS-15 PASS-0003 (D/L ONLY)					1DP
1017	362 14:30:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1018	362 16:19:10	31	60 SET			14.5 DEGREE SET DSC-60					1V
1019	362 20:08:06	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1020	362 23:30:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0003					1DP
1021	363 00:00:00	31				VGR-31 OWLT IS 13H 09M 05S					1L
1022	363 00:07:55	31	10 SET			10.2 DEGREE SET DSC-10					1V
1023	363 05:06:32	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1024	363 05:13:43	31	40 SET			10.2 DEGREE SET DSC-40					1V
1025	363 12:00:00	31				VGR-31 OWLT IS 13H 09M 06S					1L
1026	363 12:39:02	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1027	363 14:30:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0004 (D/L ONLY)					1DP
1028	363 14:30:00	31				CFG CODES					1DP
1029	363 16:15:15	31	60 SET			14.5 DEGREE SET DSC-60					1V
1030	363 20:04:13	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1031	363 20:25:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0004 (D/L ONLY)					1DP
1032	363 20:25:00	31				CFG CODES					1DP
1033	363 20:45:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0004					1DP
1034	364 00:00:00	31				VGR-31 OWLT IS 13H 09M 07S					1L
1035	364 00:04:02	31	10 SET			10.2 DEGREE SET DSC-10					1V
1036	364 00:15:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0004					1DP
1037	364 00:58:19	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1038	364 00:58:19	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
1039	364 00:59:07	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
1040	364 00:59:07	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
1041	364 01:01:43	31				BEGIN PWSREC.31			54593:09:001F	04-363/11:52:35	1T
1042	364 01:01:43	31			SC32AJ	(10) PLS CONFIG CMD	FDS		54593:09:009F	04-363/11:52:36	1ECF
1043	364 01:02:31	31				B- DRGS4B			54593:10:001F	04-363/11:53:23	1TB
1044	364 01:02:31	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		54593:10:009F	04-363/11:53:24	1ECF
1045	364 01:03:15	31				BEGIN RECORDING PWS DATA			54593:10:734F	04-363/11:54:07	1T
1046	364 01:03:15	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		54593:10:735F	04-363/11:54:08	1ECD
1047	364 01:03:15	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:2943	DTR		54593:10:735F	04-363/11:54:08	1ESd
1048	364 01:03:19	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	54593:11:001F	04-363/11:54:11	1ESF

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1049	364 01:03:19	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		54593:11:002F	04-363/11:54:11	1ECs
1050	364 01:03:20	31				B- DRCRUS			54593:11:018F	04-363/11:54:12	1TB
1051	364 01:03:20	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		54593:11:026F	04-363/11:54:13	1ECF
1052	364 01:04:07	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	54593:12:001F	04-363/11:54:59	1ESF
1053	364 01:04:07	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		54593:12:002F	04-363/11:54:59	1ECs
1054	364 01:04:07	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		54593:12:002F	04-363/11:55:00	1ECd
1055	364 01:04:07	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3235	DTR		54593:12:002F	04-363/11:55:00	1ESd
1056	364 01:04:55	31			SC32AJ	(13) PLS CONFIG CMD	FDS		54593:13:009F	04-363/11:55:48	1ECf
1057	364 01:04:56	31				END PWSREC.31			54593:13:018F	04-363/11:55:48	1T
1058	364 04:50:00	31	63 AOS	OPCH	ACE	AOS DSS-63 PASS-0004 (D/L ONLY)					1DP
1059	364 04:50:00	31				CFG CODES					1DP
1060	364 05:02:38	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1061	364 05:09:50	31	40 SET			10.2 DEGREE SET DSC-40					1V
1062	364 08:15:00	31	63 LOS	OPCH	ACE	LOS DSS-63 PASS-0004					1DP

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1063	364 12:00:00	31				VGR-31 OWLT IS 13H 09M 08S					1L
1064	364 12:35:08	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1065	364 14:10:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0005 (D/L ONLY)					1DP
1066	364 14:10:00	31				CFG CODES					1DP
1067	364 15:45:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0005					1DP
1068	364 16:11:21	31	60 SET			14.5 DEGREE SET DSC-60					1V
1069	364 20:00:20	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1070	364 20:25:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0005 (D/L ONLY)					1DP
1071	364 20:25:00	31				CFG CODES					1DP
1072	365 00:00:00	31				VGR-31 OWLT IS 13H 09M 09S					1L
1073	365 00:00:08	31	10 SET			10.2 DEGREE SET DSC-10					1V
1074	365 00:10:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0005					1DP
1075	365 03:00:57	31			AC7SSB	(3 +004) SS BIAS CONTROL - PITCH	AACS		54625:38:003F	04-364/13:51:48	1ECa
1076	365 04:45:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0005 (D/L ONLY)					1DP
1077	365 04:45:00	31				CFG CODES					1DP
1078	365 04:58:45	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1079	365 05:05:56	31	40 SET			10.2 DEGREE SET DSC-40					1V
1080	365 10:15:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0005					1DP
1081	365 12:00:00	31				VGR-31 OWLT IS 13H 09M 10S					1L
1082	365 12:31:15	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1083	365 16:07:29	31	60 SET			14.5 DEGREE SET DSC-60					1V
1084	365 17:20:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-0006 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1085	365 17:20:00	31				CFG CODES					1DP
1086	365 19:56:27	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1087	365 22:15:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-0006					1DP
1088	365 23:56:15	31	10 SET			10.2 DEGREE SET DSC-10					1V
1089	366 00:00:00	31				VGR-31 OWLT IS 13H 09M 11S					1L
1090	366 04:54:51	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1091	366 05:02:03	31	40 SET			10.2 DEGREE SET DSC-40					1V
1092	366 06:25:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0006 (D/L ONLY)					1DP
1093	366 06:25:00	31				CFG CODES					1DP
1094	366 12:00:00	31				VGR-31 OWLT IS 13H 09M 12S					1L
1095	366 12:27:21	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1096	366 13:50:36	31			AC7SSB	(4 +163) SS BIAS CONTROL --- YAW	AACS		54669:10:003F	04-366/00:41:24	1ECa
1097	366 14:25:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0006 (D/L ONLY)					1DP
1098	366 14:25:00	31				CFG CODES					1DP
1099	366 14:45:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0006					1DP
1100	366 16:03:34	31	60 SET			14.5 DEGREE SET DSC-60					1V
1101	366 16:15:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0007 (D/L ONLY)					1DP
1102	366 16:15:00	31				CFG CODES					1DP
1103	366 16:35:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0006					1DP
1104	366 19:52:34	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1105	366 22:05:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0007 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1106	366 22:05:00	31				CFG CODES					1DP
1107	366 22:25:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0007					1DP
1108	366 23:52:22	31	10 SET			10.2 DEGREE SET DSC-10					1V
1109	001 00:00:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0007					1DP
1110	001 00:00:00	31				VGR-31 OWLT IS 13H 09M 13S					1L
1111	001 04:50:57	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1112	001 04:58:09	31	40 SET			10.2 DEGREE SET DSC-40					1V
1113	001 08:30:00	31	54 AOS	OPCH ACE		AOS DSS-54 PASS-0007 (D/L ONLY)					1DP
1114	001 08:30:00	31				CFG CODES					1DP
1115	001 12:00:00	31				VGR-31 OWLT IS 13H 09M 13S					1L
1116	001 12:23:27	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1117	001 12:45:00	31	54 LOS	OPCH ACE		LOS DSS-54 PASS-0007					1DP
1118	001 14:05:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0007 (D/L ONLY)					1DP
1119	001 14:05:00	31				CFG CODES					1DP
1120	001 15:59:40	31	60 SET			14.5 DEGREE SET DSC-60					1V
1121	001 16:35:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0007					1DP
1122	001 18:35:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0008 (D/L ONLY)					1DP
1123	001 18:35:00	31				CFG CODES					1DP
1124	001 19:48:41	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1125	001 22:05:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0008					1DP
1126	001 23:48:29	31	10 SET			10.2 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1127	002 00:00:00	31				VGR-31 OWLT IS 13H 09M 14S					1L
1128	002 04:47:03	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1129	002 04:54:15	31	40 SET			10.2 DEGREE SET DSC-40					1V
1130	002 10:45:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-0008 (D/L ONLY)					1DP
1131	002 10:45:00	31				CFG CODES					1DP
1132	002 12:00:00	31				VGR-31 OWLT IS 13H 09M 15S					1L
1133	002 12:19:34	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1134	002 12:45:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-0008					1DP
1135	002 14:25:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0008 (D/L ONLY)					1DP
1136	002 14:25:00	31				CFG CODES					1DP
1137	002 15:55:46	31	60 SET			14.5 DEGREE SET DSC-60					1V
1138	002 16:20:00	31	24 AOS	OPCH ACE		AOS DSS-24 PASS-0009 (D/L ONLY)					1DP
1139	002 16:20:00	31				CFG CODES					1DP
1140	002 16:30:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0008					1DP
1141	002 19:44:48	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1142	002 22:05:00	31	24 LOS	OPCH ACE		LOS DSS-24 PASS-0009					1DP
1143	002 23:44:36	31	10 SET			10.2 DEGREE SET DSC-10					1V
1144	003 00:00:00	31				VGR-31 OWLT IS 13H 09M 16S					1L
1145	003 04:43:10	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1146	003 04:50:21	31	40 SET			10.2 DEGREE SET DSC-40					1V
1147	003 12:00:00	31				VGR-31 OWLT IS 13H 09M 16S					1L
1148	003 12:15:40	31	10RISE			10.2 DEGREE RISE DSC-10					1V

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1149	003 12:25:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0009 (D/L ONLY)					1DP
1150	003 12:25:00	31				CFG CODES					1DP
1151	003 15:51:51	31	60 SET			14.5 DEGREE SET DSC-60					1V
1152	003 16:25:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0009					1DP
1153	003 19:40:55	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1154	003 21:39:29	31			AC7SSB	(3 +003) SS BIAS CONTROL - PITCH	AACS		54768:56:003F	05-003/08:30:12	1ECa
1155	003 23:40:43	31	10 SET			10.2 DEGREE SET DSC-10					1V
1156	004 00:00:00	31				VGR-31 OWLT IS 13H 09M 17S					1L
1157	004 04:39:16	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1158	004 04:46:27	31	40 SET			10.2 DEGREE SET DSC-40					1V
1159	004 10:50:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-0010 (D/L ONLY)					1DP
1160	004 10:50:00	31				CFG CODES					1DP
1161	004 12:00:00	31				VGR-31 OWLT IS 13H 09M 18S					1L
1162	004 12:11:46	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1163	004 12:40:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-0010					1DP
1164	004 14:05:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0011 (D/L ONLY)					1DP
1165	004 14:05:00	31				CFG CODES					1DP
1166	004 15:47:59	31	60 SET			14.5 DEGREE SET DSC-60					1V
1167	004 19:37:02	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1168	004 22:55:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0011					1DP
1169	004 23:36:50	31	10 SET			10.2 DEGREE SET DSC-10					1V
1170	005 00:00:00	31				VGR-31 OWLT IS 13H 09M 18S					1L

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1171	005 00:34:30	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1172	005 00:34:30	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
1173	005 00:35:18	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1174	005 00:35:18	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1175	005 00:37:54	31				BEGIN PWSREC.31			54802:39:001F	05-004/11:28:35	1T
1176	005 00:37:54	31			SC32AJ	(10) PLS CONFIG CMD	FDS		54802:39:010F	05-004/11:28:36	1ECf
1177	005 00:38:42	31				B- DRGS4B			54802:40:001F	05-004/11:29:23	1TB
1178	005 00:38:42	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		54802:40:009F	05-004/11:29:24	1ECf
1179	005 00:39:26	31				BEGIN RECORDING PWS DATA			54802:40:734F	05-004/11:30:07	1T
1180	005 00:39:26	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		54802:40:735F	05-004/11:30:08	1ECd
1181	005 00:39:26	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:3242	DTR		54802:40:735F	05-004/11:30:08	1ESd
1182	005 00:39:30	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	54802:41:001F	05-004/11:30:11	1ESf

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1183	005 00:39:30	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		54802:41:002F	05-004/11:30:12	1ECs
1184	005 00:39:31	31				B- DRCRUS			54802:41:018F	05-004/11:30:12	1TB
1185	005 00:39:31	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		54802:41:026F	05-004/11:30:13	1ECF
1186	005 00:40:18	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	54802:42:001F	05-004/11:30:59	1ESF
1187	005 00:40:18	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		54802:42:002F	05-004/11:31:00	1ECs
1188	005 00:40:18	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		54802:42:002F	05-004/11:31:00	1ECd
1189	005 00:40:18	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3534	DTR		54802:42:002F	05-004/11:31:00	1ESd
1190	005 00:41:06	31			SC32AJ	(13) PLS CONFIG CMD	FDS		54802:43:009F	05-004/11:31:48	1ECf
1191	005 00:41:07	31				END PWSREC.31			54802:43:018F	05-004/11:31:48	1T
1192	005 00:51:30	31				B- DTRMA-1.31			54802:56:001F	05-004/11:42:11	1TB
1193	005 00:51:30	31				BEGIN DTRMA131			54802:56:001F	05-004/11:42:11	1T
1194	005 00:51:30	31			CC16C	(2217) DTR STATE SELECT: SLEW	DTR		54802:56:001F	05-004/11:42:11	1ECd

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1195	005 00:51:30	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:7 TIC:3541	DTR		54802:56:001F	05-004/11:42:11	1ESd
1196	005 00:53:33	31			EOT	END OF TAPE			54802:58:451F	05-004/11:44:14	1Ed
1197	005 03:35:30	31			CC16C	(2228) DTR STATE SELECT: SLEW	DTR		54806:21:001F	05-004/14:26:11	1ECd
1198	005 03:35:30	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:8 TIC:3585	DTR		54806:21:001F	05-004/14:26:11	1ESd
1199	005 03:35:30	31			EOT	END OF TAPE			54806:21:010F	05-004/14:26:12	1Ed
1200	005 04:25:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0011 (D/L ONLY)					1DP
1201	005 04:25:00	31				CFG CODES					1DP
1202	005 04:35:22	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1203	005 04:42:34	31	40 SET			10.2 DEGREE SET DSC-40					1V
1204	005 06:12:15	31			BOT	BEGIN OF TAPE			54809:36:749F	05-004/17:02:56	1Ed
1205	005 06:15:28	31				TAPE AT BOT			54809:40:768F	05-004/17:06:09	1T
1206	005 06:15:28	31				END DTRMA131			54809:40:768F	05-004/17:06:09	1T
1207	005 06:19:30	31				TAPPOS-3540			54809:46:001F	05-004/17:10:11	1T
1208	005 06:19:30	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		54809:46:001F	05-004/17:10:11	1ECd
1209	005 06:19:30	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0199	DTR		54809:46:001F	05-004/17:10:11	1ESd
1210	005 06:19:30	31			BOT	BEGIN OF TAPE			54809:46:010F	05-004/17:10:12	1Ed
1211	005 08:15:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0011					1DP

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1212	005 08:54:09	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		54812:59:239F	05-004/19:44:50	1ECd
1213	005 08:54:09	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3540	DTR	54812:59:239F	05-004/19:44:50	1ESd	
1214	005 09:07:31	31				REV/TRK 2		54813:16:001F	05-004/19:58:11	1T	
1215	005 09:07:31	31			CC16C	(7022) DTR STATE SELECT: READY	DTR	54813:16:001F	05-004/19:58:11	1ECd	
1216	005 09:07:31	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:2 TIC:3540	DTR	54813:16:001F	05-004/19:58:11	1ESd	
1217	005 12:00:00	31				VGR-31 OWLT IS 13H 09M 19S				1L	
1218	005 12:07:52	31	10RISE			10.2 DEGREE RISE DSC-10				1V	
1219	005 14:05:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0012 (D/L ONLY)				1DP	
1220	005 14:05:00	31				CFG CODES				1DP	
1221	005 15:44:05	31	60 SET			14.5 DEGREE SET DSC-60				1V	
1222	005 16:42:31	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG				1ESF	
1223	005 16:42:31	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ				11EC	
1224	005 16:42:43	31				BEGIN PMPCALLR		54822:45:001F	05-005/03:33:23	1T	
1225	005 16:46:43	31				B- DRRC5T		54822:50:001F	05-005/03:37:23	1TB	
1226	005 16:46:43	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	54822:50:009F	05-005/03:37:24	1ECF	

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1227	005 16:47:31	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	54822:51:001F	05-005/03:38:11	1ESf
1228	005 16:47:31	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		54822:51:001F	05-005/03:38:11	1ECs
1229	005 16:53:55	31			SC06BY	(7) FDS PLS/MAG/PESCAL FLAG PLSCAL ENABLED MAGCAL ENABLED PESCAL ENABLED	FDS		54822:59:009F	05-005/03:44:36	1ECf
1230	005 16:54:43	31				BEGIN PLS/MAG/PESCAL			54823:00:001F	05-005/03:45:23	1T
1231	005 18:37:07	31				END PLSCAL			54825:08:001F	05-005/05:27:47	1T
1232	005 19:33:09	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1233	005 19:57:07	31				END MAGCAL			54826:48:001F	05-005/06:47:47	1T
1234	005 20:10:31	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1235	005 20:10:31	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1236	005 20:14:43	31				END PESCAL			54827:10:001F	05-005/07:05:23	1T
1237	005 20:14:43	31				B- DRCRUS			54827:10:001F	05-005/07:05:23	1TB
1238	005 20:14:43	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		54827:10:009F	05-005/07:05:24	1ECf

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1239	005 20:15:31	31		ACE OPCH			FDS	CR-5T	54827:11:001F	05-005/07:06:11	1ESf
						FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11					
1240	005 20:15:31	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		54827:11:002F	05-005/07:06:11	1ECs
1241	005 20:15:32	31				END PMPCALLR			54827:11:018F	05-005/07:06:12	1T
1242	005 22:55:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0012					1DP
1243	005 23:32:57	31	10 SET			10.2 DEGREE SET DSC-10					1V
1244	006 00:00:00	31				VGR-31 OWLT IS 13H 09M 19S					1L
1245	006 04:25:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0012 (D/L ONLY)					1DP
1246	006 04:25:00	31				CFG CODES					1DP
1247	006 04:31:28	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1248	006 04:38:40	31	40 SET			10.2 DEGREE SET DSC-40					1V
1249	006 08:15:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0012					1DP
1250	006 10:40:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-0012 (D/L ONLY)					1DP
1251	006 10:40:00	31				CFG CODES					1DP
1252	006 12:00:00	31				VGR-31 OWLT IS 13H 09M 20S					1L
1253	006 12:03:58	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1254	006 12:30:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-0012					1DP
1255	006 13:50:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0013 (D/L ONLY)					1DP
1256	006 13:50:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1257	006 15:40:11	31	60 SET			14.5 DEGREE SET DSC-60					1V
1258	006 15:45:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0013					1DP
1259	006 19:29:16	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1260	006 20:35:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-0013 (D/L ONLY)					1DP
1261	006 20:35:00	31				CFG CODES					1DP
1262	006 23:29:04	31	10 SET			10.2 DEGREE SET DSC-10					1V
1263	007 00:00:00	31				VGR-31 OWLT IS 13H 09M 20S					1L
1264	007 04:27:34	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1265	007 04:34:46	31	40 SET			10.2 DEGREE SET DSC-40					1V
1266	007 04:45:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-0013					1DP
1267	007 10:25:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-0013 (D/L ONLY)					1DP
1268	007 10:25:00	31				CFG CODES					1DP
1269	007 12:00:00	31				VGR-31 OWLT IS 13H 09M 21S					1L
1270	007 12:00:04	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1271	007 12:30:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-0013					1DP
1272	007 15:25:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0014 (D/L ONLY)					1DP
1273	007 15:25:00	31				CFG CODES					1DP
1274	007 15:36:16	31	60 SET			14.5 DEGREE SET DSC-60					1V
1275	007 19:25:23	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1276	007 21:45:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0014					1DP
1277	007 23:25:10	31	10 SET			10.2 DEGREE SET DSC-10					1V
1278	008 00:00:00	31				VGR-31 OWLT IS 13H 09M 21S					1L

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1279	008 04:23:40	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1280	008 04:30:52	31	40 SET			10.2 DEGREE SET DSC-40					1V
1281	008 07:55:00	31	54 AOS	OPCH ACE		AOS DSS-54 PASS-0014 (D/L ONLY)					1DP
1282	008 07:55:00	31				CFG CODES					1DP
1283	008 09:30:00	31	54 LOS	OPCH ACE		LOS DSS-54 PASS-0014					1DP
1284	008 10:30:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-0014 (D/L ONLY)					1DP
1285	008 10:30:00	31				CFG CODES					1DP
1286	008 11:56:11	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1287	008 12:00:00	31				VGR-31 OWLT IS 13H 09M 22S					1L
1288	008 12:25:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-0014					1DP
1289	008 15:32:22	31	60 SET			14.5 DEGREE SET DSC-60					1V
1290	008 16:05:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0015 (D/L ONLY)					1DP
1291	008 16:05:00	31				CFG CODES					1DP
1292	008 16:17:58	31			AC7SSB	(3 +002) SS BIAS CONTROL - PITCH	AACS		54912:14:003F	05-008/03:08:36	1ECa
1293	008 19:21:30	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1294	008 20:15:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0015					1DP
1295	008 23:21:17	31	10 SET			10.2 DEGREE SET DSC-10					1V
1296	009 00:00:00	31				VGR-31 OWLT IS 13H 09M 22S					1L
1297	009 04:19:46	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1298	009 04:26:58	31	40 SET			10.2 DEGREE SET DSC-40					1V
1299	009 07:40:00	31	54 AOS	OPCH ACE		AOS DSS-54 PASS-0015 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1300	009 07:40:00	31				CFG CODES					1DP
1301	009 10:30:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-0015 (D/L ONLY)					1DP
1302	009 10:30:00	31				CFG CODES					1DP
1303	009 10:50:00	31	54 LOS	OPCH ACE		LOS DSS-54 PASS-0015					1DP
1304	009 11:52:17	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1305	009 12:00:00	31				VGR-31 OWLT IS 13H 09M 22S					1L
1306	009 12:20:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-0015					1DP
1307	009 13:35:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0016 (D/L ONLY)					1DP
1308	009 13:35:00	31				CFG CODES					1DP
1309	009 15:28:27	31	60 SET			14.5 DEGREE SET DSC-60					1V
1310	009 19:17:37	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1311	009 22:35:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0016					1DP
1312	009 23:17:24	31	10 SET			10.2 DEGREE SET DSC-10					1V
1313	010 00:00:00	31				VGR-31 OWLT IS 13H 09M 23S					1L
1314	010 04:15:52	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1315	010 04:23:04	31	40 SET			10.2 DEGREE SET DSC-40					1V
1316	010 11:40:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0017 (D/L ONLY)					1DP
1317	010 11:40:00	31				CFG CODES					1DP
1318	010 11:48:23	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1319	010 12:00:00	31				VGR-31 OWLT IS 13H 09M 23S					1L
1320	010 12:54:23	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1321	010 12:59:23	31					DTR		54968:05:602F	05-009/23:50:00	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:2 TIC:3540					
1322	010 12:59:23	31		ACE	OPCH		FDS	CR-5T	54968:05:602F	05-009/23:50:00	1ESf
						FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11					
1323	010 13:09:24	31				A054 UPLINK WINDOW OPEN			54968:18:218F	05-010/00:00:00	1T
1324	010 15:24:33	31	60	SET		14.5 DEGREE SET DSC-60					1V
1325	010 15:45:00	31	14 LOS	OPCH	ACE	LOS DSS-14 PASS-0017					1DP
1326	010 19:13:44	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1327	010 23:13:31	31	10	SET		10.2 DEGREE SET DSC-10					1V
1328	011 00:00:00	31				VGR-31 OWLT IS 13H 09M 23S					1L
1329	011 02:17:59	31			AC7SSB	(4 +164) SS BIAS CONTROL --- YAW	AACS		54984:44:003F	05-010/13:08:36	1ECa
1330	011 04:11:58	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1331	011 04:19:10	31	40	SET		10.2 DEGREE SET DSC-40					1V
1332	011 05:25:00	31	65 AOS	OPCH	ACE	AOS DSS-65 PASS-0017 (D/L ONLY)					1DP
1333	011 05:25:00	31				CFG CODES					1DP
1334	011 09:00:00	31	65 LOS	OPCH	ACE	LOS DSS-65 PASS-0017					1DP
1335	011 11:44:29	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1336	011 12:00:00	31				VGR-31 OWLT IS 13H 09M 24S					1L
1337	011 13:20:00	31	26 AOS	OPCH	ACE	AOS DSS-26 PASS-0018 (D/L ONLY)					1DP
1338	011 13:20:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1339	011 15:20:39	31	60	SET		14.5 DEGREE SET DSC-60					1V
1340	011 15:45:00	31	26	LOS	OPCH ACE	LOS DSS-26 PASS-0018					1DP
1341	011 19:09:50	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
1342	011 23:09:38	31	10	SET		10.2 DEGREE SET DSC-10					1V
1343	012 00:00:00	31				VGR-31 OWLT IS 13H 09M 24S					1L
1344	012 00:10:36	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1345	012 00:10:36	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1346	012 00:11:24	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1347	012 00:11:24	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1348	012 00:14:00	31				BEGIN PWSREC.31			55012:09:001F	05-011/11:04:35	1T
1349	012 00:14:00	31			SC32AJ	(10) PLS CONFIG CMD	FDS		55012:09:009F	05-011/11:04:36	1ECf
1350	012 00:14:48	31				B- DRGS4B			55012:10:001F	05-011/11:05:23	1TB
1351	012 00:14:48	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		55012:10:009F	05-011/11:05:24	1ECf
1352	012 00:15:32	31				BEGIN RECORDING PWS DATA			55012:10:734F	05-011/11:06:07	1T
1353	012 00:15:32	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		55012:10:735F	05-011/11:06:08	1ECd

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1354	012 00:15:32	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:2 TIC:3540	DTR		55012:10:735F	05-011/11:06:08	1ESd
1355	012 00:15:36	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	55012:11:001F	05-011/11:06:11	1ESf
1356	012 00:15:36	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		55012:11:002F	05-011/11:06:11	1ECs
1357	012 00:15:37	31				B- DRCRUS			55012:11:018F	05-011/11:06:12	1TB
1358	012 00:15:37	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		55012:11:026F	05-011/11:06:13	1ECf
1359	012 00:16:24	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	55012:12:001F	05-011/11:06:59	1ESf
1360	012 00:16:24	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		55012:12:002F	05-011/11:06:59	1ECs
1361	012 00:16:24	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		55012:12:002F	05-011/11:07:00	1ECd
1362	012 00:16:24	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:2 TIC:3247	DTR		55012:12:002F	05-011/11:07:00	1ESd

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1363	012 00:17:12	31			SC32AJ	(13) PLS CONFIG CMD	FDS		55012:13:009F	05-011/11:07:48	1ECf
1364	012 00:17:13	31				END PWSREC.31			55012:13:018F	05-011/11:07:48	1T
1365	012 03:55:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0018 (U/L PASS)					1DP
1366	012 04:08:04	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1367	012 04:15:15	31	40 SET			10.2 DEGREE SET DSC-40					1V
1368	012 07:40:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0018					1DP
1369	012 11:40:35	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1370	012 12:00:00	31				VGR-31 OWLT IS 13H 09M 24S					1L
1371	012 15:16:44	31	60 SET			14.5 DEGREE SET DSC-60					1V
1372	012 16:05:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0019 (D/L ONLY)					1DP
1373	012 16:05:00	31				CFG CODES					1DP
1374	012 19:05:57	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1375	012 22:25:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0019					1DP
1376	012 23:05:45	31	10 SET			10.2 DEGREE SET DSC-10					1V
1377	013 00:00:00	31				VGR-31 OWLT IS 13H 09M 24S					1L
1378	013 04:04:10	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1379	013 04:11:21	31	40 SET			10.2 DEGREE SET DSC-40					1V
1380	013 10:15:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-0019 (D/L ONLY)					1DP
1381	013 10:15:00	31				CFG CODES					1DP
1382	013 10:56:24	31			AC7SSB	(3 +001) SS BIAS CONTROL - PITCH	AACS		55055:32:003F	05-012/21:47:00	1ECa
1383	013 11:36:40	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1384	013 11:55:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-0019					1DP

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1385	013 12:00:00	31				VGR-31 OWLT IS 13H 09M 24S					1L
1386	013 15:12:50	31	60 SET			14.5 DEGREE SET DSC-60					1V
1387	013 19:02:04	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1388	013 19:30:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-0020 (D/L ONLY)					1DP
1389	013 19:30:00	31				CFG CODES					1DP
1390	013 21:25:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-0020					1DP
1391	013 23:01:52	31	10 SET			10.2 DEGREE SET DSC-10					1V
1392	014 00:00:00	31				VGR-31 OWLT IS 13H 09M 25S					1L
1393	014 04:00:15	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1394	014 04:07:27	31	40 SET			10.2 DEGREE SET DSC-40					1V
1395	014 10:10:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-0020 (D/L ONLY)					1DP
1396	014 10:10:00	31				CFG CODES					1DP
1397	014 11:32:46	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1398	014 12:00:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-0020					1DP
1399	014 12:00:00	31				VGR-31 OWLT IS 13H 09M 25S					1L
1400	014 15:08:55	31	60 SET			14.5 DEGREE SET DSC-60					1V
1401	014 15:25:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0021 (D/L ONLY)					1DP
1402	014 15:25:00	31				CFG CODES					1DP
1403	014 18:58:11	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1404	014 22:20:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0021					1DP
1405	014 22:57:58	31	10 SET			10.2 DEGREE SET DSC-10					1V
1406	015 00:00:00	31				VGR-31 OWLT IS 13H 09M 25S					1L

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1407	015 03:56:21	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1408	015 04:03:33	31	40 SET			10.2 DEGREE SET DSC-40					1V
1409	015 07:30:00	31	54 AOS	OPCH ACE		AOS DSS-54 PASS-0021 (D/L ONLY)					1DP
1410	015 07:30:00	31				CFG CODES					1DP
1411	015 09:05:00	31	54 LOS	OPCH ACE		LOS DSS-54 PASS-0021					1DP
1412	015 10:00:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-0021 (D/L ONLY)					1DP
1413	015 10:00:00	31				CFG CODES					1DP
1414	015 11:20:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-0021					1DP
1415	015 11:28:52	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1416	015 12:00:00	31				VGR-31 OWLT IS 13H 09M 25S					1L
1417	015 15:05:01	31	60 SET			14.5 DEGREE SET DSC-60					1V
1418	015 18:54:18	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1419	015 19:45:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0022 (D/L ONLY)					1DP
1420	015 19:45:00	31				CFG CODES					1DP
1421	015 21:15:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0022					1DP
1422	015 22:54:05	31	10 SET			10.2 DEGREE SET DSC-10					1V
1423	016 00:00:00	31				VGR-31 OWLT IS 13H 09M 25S					1L
1424	016 03:52:27	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1425	016 03:59:38	31	40 SET			10.2 DEGREE SET DSC-40					1V
1426	016 07:25:00	31	54 AOS	OPCH ACE		AOS DSS-54 PASS-0022 (D/L ONLY)					1DP
1427	016 07:25:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1428	016 10:05:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-0022 (D/L ONLY)					1DP
1429	016 10:05:00	31				CFG CODES					1DP
1430	016 10:25:00	31	54 LOS	OPCH ACE		LOS DSS-54 PASS-0022					1DP
1431	016 11:24:58	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1432	016 11:55:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-0022					1DP
1433	016 12:00:00	31				VGR-31 OWLT IS 13H 09M 25S					1L
1434	016 14:15:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0023 (D/L ONLY)					1DP
1435	016 14:15:00	31				CFG CODES					1DP
1436	016 15:01:07	31	60 SET			14.5 DEGREE SET DSC-60					1V
1437	016 18:50:25	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1438	016 21:00:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0023					1DP
1439	016 22:50:12	31	10 SET			10.2 DEGREE SET DSC-10					1V
1440	017 00:00:00	31				VGR-31 OWLT IS 13H 09M 25S					1L
1441	017 03:48:32	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1442	017 03:55:44	31	40 SET			10.2 DEGREE SET DSC-40					1V
1443	017 11:21:03	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1444	017 12:00:00	31				VGR-31 OWLT IS 13H 09M 25S					1L
1445	017 14:57:10	31	60 SET			14.5 DEGREE SET DSC-60					1V
1446	017 18:05:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0024 (D/L ONLY)					1DP
1447	017 18:05:00	31				CFG CODES					1DP
1448	017 18:46:32	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1449	017 21:05:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0024					1DP

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1450	017 21:48:49	31				A054 UPLINK			55189:07:401F	05-017/08:39:23	1T
1451	017 22:18:48	31				FINAL SPACECRAFT STATUS			55189:44:785F	05-017/09:09:23	1TI
1452	017 22:18:48	31				RADIO STATUS			55189:44:785F	05-017/09:09:23	1TI
1453	017 22:18:48	31			DC2AR	S-BAND RANGING OFF			55189:44:785F	05-017/09:09:23	1TI
1454	017 22:18:48	31			DC2DR	S-BAND LO PWR			55189:44:785F	05-017/09:09:23	1TI
1455	017 22:18:48	31			DC2HR	X-BAND LO PWR			55189:44:785F	05-017/09:09:23	1TI
1456	017 22:18:48	31			DC2N	X-BAND RANGING ON			55189:44:785F	05-017/09:09:23	1TI
1457	017 22:18:48	31			DC2P	2 WAY NON-COHERENT ON			55189:44:785F	05-017/09:09:23	1TI
1458	017 22:18:48	31			DC2QR	USO OFF			55189:44:785F	05-017/09:09:23	1TI
1459	017 22:18:48	31			CC2BRP	S-BAND EXC-2 SEL			55189:44:785F	05-017/09:09:23	1TI
1460	017 22:18:48	31			CC2CRP	S-BAND TRANS-2 SEL			55189:44:785F	05-017/09:09:23	1TI
1461	017 22:18:48	31			CC2FP	RCVR-1 SEL			55189:44:785F	05-017/09:09:23	1TI
1462	017 22:18:48	31			CC2JP	X-BAND EXC-1 SEL			55189:44:785F	05-017/09:09:23	1TI
1463	017 22:18:48	31			CC2GP	X-BAND ON			55189:44:785F	05-017/09:09:23	1TI
1464	017 22:18:48	31			CC2KRP	S-BAND OFF			55189:44:785F	05-017/09:09:23	1TI
1465	017 22:18:48	31			CC2LP	X-BAND TWTA-1 SEL			55189:44:785F	05-017/09:09:23	1TI
1466	017 22:18:48	31			CC2MP	S-BAND EXC ON			55189:44:785F	05-017/09:09:23	1TI
1467	017 22:18:48	31			DC2E	HGA SELECT			55189:44:785F	05-017/09:09:23	1TI
1468	017 22:18:48	31			CC1T	BAY 1 HTR ON			55189:44:785F	05-017/09:09:23	1TI
1469	017 22:18:48	31				MDS STATUS			55189:44:785F	05-017/09:09:23	1TI
1470	017 22:18:48	31			CC3BP	TMU ON			55189:44:785F	05-017/09:09:23	1TI
1471	017 22:18:48	31			CC3GP	TMU-A SEL			55189:44:785F	05-017/09:09:23	1TI
1472	017 22:18:48	31			CC3HP	CDU-A SEL			55189:44:785F	05-017/09:09:23	1TI

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1473	017 22:18:48	31			CC3A	32310 X-BAND			55189:44:785F	05-017/09:09:23	1TI
1474	017 22:18:48	31			CC3A	28301 S-BAND			55189:44:785F	05-017/09:09:23	1TI
1475	017 22:18:48	31				POWER STATUS			55189:44:785F	05-017/09:09:23	1TI
1476	017 22:18:48	31			CC4A	UNDERVOLTAGE TRIP RESET			55189:44:785F	05-017/09:09:23	1TI
1477	017 22:18:48	31			CC4K	RTG-1 DIODE BYPASS ON			55189:44:785F	05-017/09:09:23	1TI
1478	017 22:18:48	31			CC4L	RTG-2 DIODE BYPASS ON			55189:44:785F	05-017/09:09:23	1TI
1479	017 22:18:48	31			CC4M	RTG-3 DIODE BYPASS ON			55189:44:785F	05-017/09:09:23	1TI
1480	017 22:18:48	31				CCS STATUS			55189:44:785F	05-017/09:09:23	1TI
1481	017 22:18:48	31			DC5AR	CCS TOL DET ENABLE			55189:44:785F	05-017/09:09:23	1TI
1482	017 22:18:48	31				FDS STATUS			55189:44:785F	05-017/09:09:23	1TI
1483	017 22:18:48	31			CC6CP	FDS ON/ISS PWR ENABLE			55189:44:785F	05-017/09:09:23	1TI
1484	017 22:18:48	31			CC6AA	1 SVC-W1			55189:44:785F	05-017/09:09:23	1TI
1485	017 22:18:48	31			CC6AD	3200 SVC-W4			55189:44:785F	05-017/09:09:23	1TI
1486	017 22:18:48	31			CC6AE	30011 SVC-W5			55189:44:785F	05-017/09:09:23	1TI
1487	017 22:18:48	31			CC6AP	FDS PWR CONV A SEL			55189:44:785F	05-017/09:09:23	1TI
1488	017 22:18:48	31			CC6AB	01000 SVC-W2			55189:44:785F	05-017/09:09:23	1TI
1489	017 22:18:48	31			SC06BB	530070 FDS DATA MODE			55189:44:785F	05-017/09:09:23	1TI
1490	017 22:18:48	31				AACS STATUS			55189:44:785F	05-017/09:09:23	1TI
1491	017 22:18:48	31			AC7PCG	14 HYBIC 2 PWR ON			55189:44:785F	05-017/09:09:23	1TI
1492	017 22:18:48	31			CC7ML	05 CST ON			55189:44:785F	05-017/09:09:23	1TI
1493	017 22:18:48	31			AC7CTG	10 394 CST HI GATE			55189:44:785F	05-017/09:09:23	1TI
1494	017 22:18:48	31			AC7CTG	11 442 CST LO GATE			55189:44:785F	05-017/09:09:23	1TI
1495	017 22:18:48	31			AC7GYP	111 GYRO PATTERN			55189:44:785F	05-017/09:09:23	1TI

FINAL SEQUENCE FOR JST A053 (TOL/A053F - EVTSDR/A053BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1496	017 22:18:48	31			AC7PCG	52 GYRO A OFF			55189:44:785F	05-017/09:09:23	1TI
1497	017 22:18:48	31			AC7PCG	62 GYRO B OFF			55189:44:785F	05-017/09:09:23	1TI
1498	017 22:18:48	31			AC7PCG	72 GYRO C OFF			55189:44:785F	05-017/09:09:23	1TI
1499	017 22:18:48	31			AC7PAR	7530 000000 GYRO OFF NORM			55189:44:785F	05-017/09:09:23	1TI
1500	017 22:18:48	31			AC7PAR	6740 000740 PITCH DEADBAND			55189:44:785F	05-017/09:09:23	1TI
1501	017 22:18:48	31			AC7PAR	6741 001700 YAW DEADBAND			55189:44:785F	05-017/09:09:23	1TI
1502	017 22:18:48	31			AC7PAR	6742 004540 ROLL DEADBAND			55189:44:785F	05-017/09:09:23	1TI
1503	017 22:18:48	31			DEADBAND	DEAD BAND STATE: 05 10 25			55189:44:785F	05-017/09:09:23	1TI
1504	017 22:18:48	31			CC7SS	1 AACS TO RAI			55189:44:785F	05-017/09:09:23	1TI
1505	017 22:18:48	31			CC7CT	01 CST CONE ANGLE 1			55189:44:785F	05-017/09:09:23	1TI
1506	017 22:18:48	31			AC7DDB	000480 DEAD BAND CONTROL			55189:44:785F	05-017/09:09:23	1TI
1507	017 22:18:48	31			CC7AHRP	SS HTR A OFF			55189:44:785F	05-017/09:09:23	1TI
1508	017 22:18:48	31			CC7BHP	SS HTR B ON			55189:44:785F	05-017/09:09:23	1TI
1509	017 22:18:48	31			CC7ML	01 FDS CHAN A			55189:44:785F	05-017/09:09:23	1TI
1510	017 22:18:48	31			CC7ML	09 TCAPU FAULT ENA			55189:44:785F	05-017/09:09:23	1TI
1511	017 22:18:48	31			AC7PCG	61 AACS BAY 6 HTR A OFF			55189:44:785F	05-017/09:09:23	1TI
1512	017 22:18:48	31			AC7PCG	71 AACS BAY 6 HTR B OFF			55189:44:785F	05-017/09:09:23	1TI
1513	017 22:18:48	31			CC7MMRP	PROC/MEM 2 SELECT			55189:44:785F	05-017/09:09:23	1TI
1514	017 22:18:48	31			CC7SHRP	AZ SCAN ACTUATOR HTR OFF			55189:44:785F	05-017/09:09:23	1TI
1515	017 22:18:48	31			AC7PCG	22 CST SUN SHUTTER OFF			55189:44:785F	05-017/09:09:23	1TI
1516	017 22:18:48	31			AC7PCG	10 ISO VALVE BRANCH 1 OFF			55189:44:785F	05-017/09:09:23	1TI
1517	017 22:18:48	31			AC7PCG	20 ISO VALVE BRANCH 2 OFF			55189:44:785F	05-017/09:09:23	1TI
1518	017 22:18:48	31			CC1PHP	SCAN PLAT SUPL HTR ON			55189:44:785F	05-017/09:09:23	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
1519	017 22:18:48	31			CC77MRP	MAM OFF			55189:44:785F	05-017/09:09:23	1TI
1520	017 22:18:48	31			DC77PR	NON-PRIME FCP/MEM OFF			55189:44:785F	05-017/09:09:23	1TI
1521	017 22:18:48	31			DC77XR	MAM COMMAND DISABLE			55189:44:785F	05-017/09:09:23	1TI
1522	017 22:18:48	31				PYRO STATUS			55189:44:785F	05-017/09:09:23	1TI
1523	017 22:18:48	31			CC8D	PSU INSTRUMENTATION ON			55189:44:785F	05-017/09:09:23	1TI
1524	017 22:18:48	31			DC8XR	PYRO DISABLE			55189:44:785F	05-017/09:09:23	1TI
1525	017 22:18:48	31				PROPULSION STATUS			55189:44:785F	05-017/09:09:23	1TI
1526	017 22:18:48	31			CC10CRP	TCM HTR OFF			55189:44:785F	05-017/09:09:23	1TI
1527	017 22:18:48	31			CC10DR	AP BR1 HTR OFF			55189:44:785F	05-017/09:09:23	1TI
1528	017 22:18:48	31			CC10ER	AP BR2 HTR OFF			55189:44:785F	05-017/09:09:23	1TI
1529	017 22:18:48	31			CC10TRP	TCM LINE HTRS OFF			55189:44:785F	05-017/09:09:23	1TI
1530	017 22:18:48	31				DSS STATUS			55189:44:785F	05-017/09:09:23	1TI
1531	017 22:18:48	31			CC16BR	DSS 10 W REPL HTR OFF			55189:44:785F	05-017/09:09:23	1TI
1532	017 22:18:48	31			CC16AP	DSS ON			55189:44:785F	05-017/09:09:23	1TI
1533	017 22:18:48	31			CC1DR	BAY 2 19 W HTR OFF			55189:44:785F	05-017/09:09:23	1TI
1534	017 22:18:48	31			CC16C	7222 DSS CONTROL			55189:44:785F	05-017/09:09:23	1TI
1535	017 22:18:48	31				SCIENCE PWR STATUS			55189:44:785F	05-017/09:09:23	1TI
1536	017 22:18:48	31			CC1CR	MAG COIL OFF			55189:44:785F	05-017/09:09:23	1TI
1537	017 22:18:48	31			CC21A	CRS ON			55189:44:785F	05-017/09:09:23	1TI
1538	017 22:18:48	31			CC21B	CRS REPL HTR ON			55189:44:785F	05-017/09:09:23	1TI
1539	017 22:18:48	31			CC21CR	CRS SUPP HTR OFF			55189:44:785F	05-017/09:09:23	1TI
1540	017 22:18:48	31			CC22A	PRA ON			55189:44:785F	05-017/09:09:23	1TI
1541	017 22:18:48	31			CC23A	PWS ON			55189:44:785F	05-017/09:09:23	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
1542	017 22:18:48	31			CC25A	LECP ON			55189:44:785F	05-017/09:09:23	1TI
1543	017 22:18:48	31			CC25B	LECP STEPPER MOTOR ON			55189:44:785F	05-017/09:09:23	1TI
1544	017 22:18:48	31			CC25CR	LECP REPL HTR OFF			55189:44:785F	05-017/09:09:23	1TI
1545	017 22:18:48	31			CC25D	LECP MAIN SUPP HTR ON			55189:44:785F	05-017/09:09:23	1TI
1546	017 22:18:48	31			CC25E	LECP LEPT SUPP HTR ON			55189:44:785F	05-017/09:09:23	1TI
1547	017 22:18:48	31			CC27BR	PPS SUPP HTR OFF			55189:44:785F	05-017/09:09:23	1TI
1548	017 22:18:48	31			CC32A	PLS ON			55189:44:785F	05-017/09:09:23	1TI
1549	017 22:18:48	31			CC32BR	PLS SUPP HTR OFF			55189:44:785F	05-017/09:09:23	1TI
1550	017 22:18:48	31			CC32C	PLS REPL HTR ON			55189:44:785F	05-017/09:09:23	1TI
1551	017 22:18:48	31			CC34A	UVS ON			55189:44:785F	05-017/09:09:23	1TI
1552	017 22:18:48	31			CC34B	UVS REPL HTR ON			55189:44:785F	05-017/09:09:23	1TI
1553	017 22:18:48	31			CC35AR	MAG OFF			55189:44:785F	05-017/09:09:23	1TI
1554	017 22:18:48	31			CC35B	MAG STANDBY ON			55189:44:785F	05-017/09:09:23	1TI
1555	017 22:18:48	31			CC35GR	MAG SENSOR HTR OFF			55189:44:785F	05-017/09:09:23	1TI
1556	017 22:18:48	31			CC36GR	ISS WA VID REPL HTR OFF			55189:44:785F	05-017/09:09:23	1TI
1557	017 22:18:48	31			CC36HR	ISS WA ELEC REPL HTR OFF			55189:44:785F	05-017/09:09:23	1TI
1558	017 22:18:48	31			CC36CRP	ISS NA OPTICS HTR OFF			55189:44:785F	05-017/09:09:23	1TI
1559	017 22:18:48	31			CC36FRP	ISS NA VID REPL HTR OFF			55189:44:785F	05-017/09:09:23	1TI
1560	017 22:18:48	31			CC36JP	ISS NA ELEC REPL HTR ON			55189:44:785F	05-017/09:09:23	1TI
1561	017 22:18:48	31			CC39D	IRIS REPL HTR ON			55189:44:785F	05-017/09:09:23	1TI
1562	017 22:18:48	31			CC39FR	IRIS STANDBY A SUPPLY OFF			55189:44:785F	05-017/09:09:23	1TI
1563	017 22:18:48	31			CC39BR	IRIS STANDBY B SUPPLY OFF			55189:44:785F	05-017/09:09:23	1TI
1564	017 22:18:48	31				SCIENCE INSTRUMENT STATUS			55189:44:785F	05-017/09:09:23	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
1565	017 22:18:48	31			SC21AF	01000 CRS CMD WORD			55189:44:785F	05-017/09:09:23	1TI
1566	017 22:18:48	31			SC21AF	02000 CRS CMD WORD			55189:44:785F	05-017/09:09:23	1TI
1567	017 22:18:48	31			SC21AF	03000 CRS CMD WORD			55189:44:785F	05-017/09:09:23	1TI
1568	017 22:18:48	31			SC21AF	04000 CRS CMD WORD			55189:44:785F	05-017/09:09:23	1TI
1569	017 22:18:48	31			SC21AF	05300 CRS CMD WORD			55189:44:785F	05-017/09:09:23	1TI
1570	017 22:18:48	31			SC21AF	06000 CRS CMD WORD			55189:44:785F	05-017/09:09:23	1TI
1571	017 22:18:48	31			SC21AF	07200 CRS CMD WORD			55189:44:785F	05-017/09:09:23	1TI
1572	017 22:18:48	31			SC21AF	08200 CRS CMD WORD			55189:44:785F	05-017/09:09:23	1TI
1573	017 22:18:48	31			SC21AF	10000 CRS CMD WORD			55189:44:785F	05-017/09:09:23	1TI
1574	017 22:18:48	31			SC21AF	11000 CRS CMD WORD			55189:44:785F	05-017/09:09:23	1TI
1575	017 22:18:48	31			SC21AF	12000 CRS CMD WORD			55189:44:785F	05-017/09:09:23	1TI
1576	017 22:18:48	31			SC21AF	13012 CRS CMD WORD			55189:44:785F	05-017/09:09:23	1TI
1577	017 22:18:48	31			SC21AG	CRS HV FLAG			55189:44:785F	05-017/09:09:23	1TI
1578	017 22:18:48	31			SC21AH	CRS CAL-ST FLAG			55189:44:785F	05-017/09:09:23	1TI
1579	017 22:18:48	31			SC22AF	1347 PRA CONFIGURATION CMD			55189:44:785F	05-017/09:09:23	1TI
1580	017 22:18:48	31			SC22NU	0000 PRA MODE SELECT			55189:44:785F	05-017/09:09:23	1TI
1581	017 22:18:48	31			SC23AD	5 PWS CMD WORD			55189:44:785F	05-017/09:09:23	1TI
1582	017 22:18:48	31			SC25AH	1777 LECP CMD WORD			55189:44:785F	05-017/09:09:23	1TI
1583	017 22:18:48	31			SC25AH	2417 LECP CMD WORD			55189:44:785F	05-017/09:09:23	1TI
1584	017 22:18:48	31			SC25AH	5600 LECP CMD WORD			55189:44:785F	05-017/09:09:23	1TI
1585	017 22:18:48	31			SC25AH	6032 LECP CMD WORD			55189:44:785F	05-017/09:09:23	1TI
1586	017 22:18:48	31			SC25AJ	1 LECP MOTOR STEP CMD			55189:44:785F	05-017/09:09:23	1TI
1587	017 22:18:48	31			SC25AN	0 LECP NEAR/FAR ENC			55189:44:785F	05-017/09:09:23	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
1588	017 22:18:48	31			SC25AQ	5200 LECP SAFE CMD			55189:44:785F	05-017/09:09:23	1TI
1589	017 22:18:48	31			SC32AF	2 PLS E1 INT/AMP GAIN			55189:44:785F	05-017/09:09:23	1TI
1590	017 22:18:48	31			SC32AG	2 PLS E2 INT/AMP GAIN			55189:44:785F	05-017/09:09:23	1TI
1591	017 22:18:48	31			SC32AH	3 PLS M INT/AMP GAIN			55189:44:785F	05-017/09:09:23	1TI
1592	017 22:18:48	31			SC32AJ	13 PLS CONFIG CMD			55189:44:785F	05-017/09:09:23	1TI
1593	017 22:18:48	31			SC32AK	2 PLS L INT/AMP GAIN			55189:44:785F	05-017/09:09:23	1TI
1594	017 22:18:48	31			SC32AL	216 PLS M START WORD 1			55189:44:785F	05-017/09:09:23	1TI
1595	017 22:18:48	31			SC32AM	216 PLS M START WORD 2			55189:44:785F	05-017/09:09:23	1TI
1596	017 22:18:48	31			SC32AN	2 PLS M MODE			55189:44:785F	05-017/09:09:23	1TI
1597	017 22:18:48	31			SC32AP	3 PLS E1 SHRT			55189:44:785F	05-017/09:09:23	1TI
1598	017 22:18:48	31			SC32AQ	3 PLS E2 SHRT			55189:44:785F	05-017/09:09:23	1TI
1599	017 22:18:48	31			SC32AR	3 PLS L SHORT			55189:44:785F	05-017/09:09:23	1TI
1600	017 22:18:48	31			SC32AS	2 PLS E1 LONG			55189:44:785F	05-017/09:09:23	1TI
1601	017 22:18:48	31			SC32AT	2 PLS E2 LONG			55189:44:785F	05-017/09:09:23	1TI
1602	017 22:18:48	31			SC32AU	2 PLS L LONG			55189:44:785F	05-017/09:09:23	1TI
1603	017 22:18:48	31			SC34AE	13 UVS MODE/HV LEVEL			55189:44:785F	05-017/09:09:23	1TI
1604	017 22:18:48	31			SC34AF	0 UVS READ OUT FLAG			55189:44:785F	05-017/09:09:23	1TI
1605	017 22:18:48	31			SC35AI	030001 MAG HFM/EL FLIP/IFC/LFM			55189:44:785F	05-017/09:09:23	1TI
1606	017 22:18:48	31			SC35AO	030001 MAG HFM/PRIME/IFC/LFM RAN			55189:44:785F	05-017/09:09:23	1TI