



FINAL FLIGHT SOE

S/C 31

SEQUENCE ID A052BA DATE OF RELEASE July 1, 2004

EXECUTION PERIOD 07/20/2004 to 10/19/2004 (04-201 to 04-292)

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

R. WONG 600-100
S. MATSUMOTO 600-100

CRS *bryant@mail630.gsfc.nasa.gov
LECP *r.decker@jhuapl.edu
PRA *u3mlk@lepmlk.gsfc.nasa.gov
UVS *holburg@argus.lpl.arizona.edu

MAG *u2mha@lepvox.gsfc.nasa.gov
PLS *vgr@space.mit.edu
PWS *wsk@space.physics.uiowa.edu

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT 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	201 21:54:11	31				INITIAL SPACECRAFT STATUS			49729:44:785F	04-201/09:09:23	1TI
2	201 21:54:11	31				RADIO STATUS			49729:44:785F	04-201/09:09:23	1TI
3	201 21:54:11	31			DC2AR	S-BAND RANGING OFF			49729:44:785F	04-201/09:09:23	1TI
4	201 21:54:11	31			DC2DR	S-BAND LO PWR			49729:44:785F	04-201/09:09:23	1TI
5	201 21:54:11	31			DC2HR	X-BAND LO PWR			49729:44:785F	04-201/09:09:23	1TI
6	201 21:54:11	31			DC2N	X-BAND RANGING ON			49729:44:785F	04-201/09:09:23	1TI
7	201 21:54:11	31			DC2P	2 WAY NON-COHERENT ON			49729:44:785F	04-201/09:09:23	1TI
8	201 21:54:11	31			DC2QR	USO OFF			49729:44:785F	04-201/09:09:23	1TI
9	201 21:54:11	31			CC2BRP	S-BAND EXC-2 SEL			49729:44:785F	04-201/09:09:23	1TI
10	201 21:54:11	31			CC2CRP	S-BAND TRANS-2 SEL			49729:44:785F	04-201/09:09:23	1TI
11	201 21:54:11	31			CC2FP	RCVR-1 SEL			49729:44:785F	04-201/09:09:23	1TI
12	201 21:54:11	31			CC2JP	X-BAND EXC-1 SEL			49729:44:785F	04-201/09:09:23	1TI
13	201 21:54:11	31			CC2GP	X-BAND ON			49729:44:785F	04-201/09:09:23	1TI
14	201 21:54:11	31			CC2KRP	S-BAND OFF			49729:44:785F	04-201/09:09:23	1TI
15	201 21:54:11	31			CC2LP	X-BAND TWTA-1 SEL			49729:44:785F	04-201/09:09:23	1TI
16	201 21:54:11	31			CC2MP	S-BAND EXC ON			49729:44:785F	04-201/09:09:23	1TI
17	201 21:54:11	31			DC2E	HGA SELECT			49729:44:785F	04-201/09:09:23	1TI
18	201 21:54:11	31			CC1T	BAY 1 HTR ON			49729:44:785F	04-201/09:09:23	1TI
19	201 21:54:11	31				MDS STATUS			49729:44:785F	04-201/09:09:23	1TI
20	201 21:54:11	31			CC3BP	TMU ON			49729:44:785F	04-201/09:09:23	1TI
21	201 21:54:11	31			CC3GP	TMU-A SEL			49729:44:785F	04-201/09:09:23	1TI
22	201 21:54:11	31			CC3HP	CDU-A SEL			49729:44:785F	04-201/09:09:23	1TI
23	201 21:54:11	31			CC3A	32310 X-BAND			49729:44:785F	04-201/09:09:23	1TI

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT 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	201 21:54:11	31			CC3A	28301 S-BAND			49729:44:785F	04-201/09:09:23	1TI
25	201 21:54:11	31				POWER STATUS			49729:44:785F	04-201/09:09:23	1TI
26	201 21:54:11	31			CC4A	UNDERVOLTAGE TRIP RESET			49729:44:785F	04-201/09:09:23	1TI
27	201 21:54:11	31			CC4K	RTG-1 DIODE BYPASS ON			49729:44:785F	04-201/09:09:23	1TI
28	201 21:54:11	31			CC4L	RTG-2 DIODE BYPASS ON			49729:44:785F	04-201/09:09:23	1TI
29	201 21:54:11	31			CC4M	RTG-3 DIODE BYPASS ON			49729:44:785F	04-201/09:09:23	1TI
30	201 21:54:11	31				CCS STATUS			49729:44:785F	04-201/09:09:23	1TI
31	201 21:54:11	31			DC5AR	CCS TOL DET ENABLE			49729:44:785F	04-201/09:09:23	1TI
32	201 21:54:11	31				FDS STATUS			49729:44:785F	04-201/09:09:23	1TI
33	201 21:54:11	31			CC6CP	FDS ON/ISS PWR ENABLE			49729:44:785F	04-201/09:09:23	1TI
34	201 21:54:11	31			CC6AA	1 SVC-W1			49729:44:785F	04-201/09:09:23	1TI
35	201 21:54:11	31			CC6AD	3200 SVC-W4			49729:44:785F	04-201/09:09:23	1TI
36	201 21:54:11	31			CC6AE	30011 SVC-W5			49729:44:785F	04-201/09:09:23	1TI
37	201 21:54:11	31			CC6AP	FDS PWR CONV A SEL			49729:44:785F	04-201/09:09:23	1TI
38	201 21:54:11	31			CC6AB	01000 SVC-W2			49729:44:785F	04-201/09:09:23	1TI
39	201 21:54:11	31			SC06BB	530070 FDS DATA MODE			49729:44:785F	04-201/09:09:23	1TI
40	201 21:54:11	31				AACS STATUS			49729:44:785F	04-201/09:09:23	1TI
41	201 21:54:11	31			AC7PCG	14 HYBIC 2 PWR ON			49729:44:785F	04-201/09:09:23	1TI
42	201 21:54:11	31			CC7ML	05 CST ON			49729:44:785F	04-201/09:09:23	1TI
43	201 21:54:11	31			AC7CTG	10 394 CST HI GATE			49729:44:785F	04-201/09:09:23	1TI
44	201 21:54:11	31			AC7CTG	11 442 CST LO GATE			49729:44:785F	04-201/09:09:23	1TI
45	201 21:54:11	31			AC7GYP	111 GYRO PATTERN			49729:44:785F	04-201/09:09:23	1TI
46	201 21:54:11	31			AC7PCG	52 GYRO A OFF			49729:44:785F	04-201/09:09:23	1TI

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT 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	201 21:54:11	31			AC7PCG	62 GYRO B OFF			49729:44:785F	04-201/09:09:23	1TI
48	201 21:54:11	31			AC7PCG	72 GYRO C OFF			49729:44:785F	04-201/09:09:23	1TI
49	201 21:54:11	31			AC7PAR	7530 000000 GYRO OFF NORM			49729:44:785F	04-201/09:09:23	1TI
50	201 21:54:11	31			AC7PAR	6740 000740 PITCH DEADBAND			49729:44:785F	04-201/09:09:23	1TI
51	201 21:54:11	31			AC7PAR	6741 001700 YAW DEADBAND			49729:44:785F	04-201/09:09:23	1TI
52	201 21:54:11	31			AC7PAR	6742 004540 ROLL DEADBAND			49729:44:785F	04-201/09:09:23	1TI
53	201 21:54:11	31			DEADBAND	DEAD BAND STATE: 05 10 25			49729:44:785F	04-201/09:09:23	1TI
54	201 21:54:11	31			CC7SS	1 AACS TO RAI			49729:44:785F	04-201/09:09:23	1TI
55	201 21:54:11	31			CC7CT	01 CST CONE ANGLE 1			49729:44:785F	04-201/09:09:23	1TI
56	201 21:54:11	31			AC7DDB	000480 DEAD BAND CONTROL			49729:44:785F	04-201/09:09:23	1TI
57	201 21:54:11	31			CC7AHRP	SS HTR A OFF			49729:44:785F	04-201/09:09:23	1TI
58	201 21:54:11	31			CC7BHP	SS HTR B ON			49729:44:785F	04-201/09:09:23	1TI
59	201 21:54:11	31			CC7ML	01 FDS CHAN A			49729:44:785F	04-201/09:09:23	1TI
60	201 21:54:11	31			CC7ML	09 TCAPU FAULT ENA			49729:44:785F	04-201/09:09:23	1TI
61	201 21:54:11	31			AC7PCG	61 AACS BAY 6 HTR A OFF			49729:44:785F	04-201/09:09:23	1TI
62	201 21:54:11	31			AC7PCG	71 AACS BAY 6 HTR B OFF			49729:44:785F	04-201/09:09:23	1TI
63	201 21:54:11	31			CC7MMRP	PROC/MEM 2 SELECT			49729:44:785F	04-201/09:09:23	1TI
64	201 21:54:11	31			CC7SHRP	AZ SCAN ACTUATOR HTR OFF			49729:44:785F	04-201/09:09:23	1TI
65	201 21:54:11	31			AC7PCG	22 CST SUN SHUTTER OFF			49729:44:785F	04-201/09:09:23	1TI
66	201 21:54:11	31			AC7PCG	10 ISO VALVE BRANCH 1 OFF			49729:44:785F	04-201/09:09:23	1TI
67	201 21:54:11	31			AC7PCG	20 ISO VALVE BRANCH 2 OFF			49729:44:785F	04-201/09:09:23	1TI
68	201 21:54:11	31			CC1PHP	SCAN PLAT SUPL HTR ON			49729:44:785F	04-201/09:09:23	1TI
69	201 21:54:11	31			CC77MRP	MAM OFF			49729:44:785F	04-201/09:09:23	1TI

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
70	201 21:54:11	31			DC77PR	NON-PRIME FCP/MEM OFF			49729:44:785F	04-201/09:09:23	1TI
71	201 21:54:11	31			DC77XR	MAM COMMAND DISABLE			49729:44:785F	04-201/09:09:23	1TI
72	201 21:54:11	31				PYRO STATUS			49729:44:785F	04-201/09:09:23	1TI
73	201 21:54:11	31			CC8D	PSU INSTRUMENTATION ON			49729:44:785F	04-201/09:09:23	1TI
74	201 21:54:11	31			DC8XR	PYRO DISABLE			49729:44:785F	04-201/09:09:23	1TI
75	201 21:54:11	31				PROPULSION STATUS			49729:44:785F	04-201/09:09:23	1TI
76	201 21:54:11	31			CC10CRP	TCM HTR OFF			49729:44:785F	04-201/09:09:23	1TI
77	201 21:54:11	31			CC10DR	AP BR1 HTR OFF			49729:44:785F	04-201/09:09:23	1TI
78	201 21:54:11	31			CC10ER	AP BR2 HTR OFF			49729:44:785F	04-201/09:09:23	1TI
79	201 21:54:11	31			CC10TRP	TCM LINE HTRS OFF			49729:44:785F	04-201/09:09:23	1TI
80	201 21:54:11	31				DSS STATUS			49729:44:785F	04-201/09:09:23	1TI
81	201 21:54:11	31			CC16BR	DSS 10 W REPL HTR OFF			49729:44:785F	04-201/09:09:23	1TI
82	201 21:54:11	31			CC16AP	DSS ON			49729:44:785F	04-201/09:09:23	1TI
83	201 21:54:11	31			CC1DR	BAY 2 19 W HTR OFF			49729:44:785F	04-201/09:09:23	1TI
84	201 21:54:11	31			CC16C	7224 DSS CONTROL			49729:44:785F	04-201/09:09:23	1TI
85	201 21:54:11	31				SCIENCE PWR STATUS			49729:44:785F	04-201/09:09:23	1TI
86	201 21:54:11	31			CC1CR	MAG COIL OFF			49729:44:785F	04-201/09:09:23	1TI
87	201 21:54:11	31			CC21A	CRS ON			49729:44:785F	04-201/09:09:23	1TI
88	201 21:54:11	31			CC21B	CRS REPL HTR ON			49729:44:785F	04-201/09:09:23	1TI
89	201 21:54:11	31			CC21CR	CRS SUPP HTR OFF			49729:44:785F	04-201/09:09:23	1TI
90	201 21:54:11	31			CC22A	PRA ON			49729:44:785F	04-201/09:09:23	1TI
91	201 21:54:11	31			CC23A	PWS ON			49729:44:785F	04-201/09:09:23	1TI
92	201 21:54:11	31			CC25A	LECP ON			49729:44:785F	04-201/09:09:23	1TI

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT 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	201 21:54:11	31			CC25B	LECP STEPPER MOTOR ON			49729:44:785F	04-201/09:09:23	1TI
94	201 21:54:11	31			CC25CR	LECP REPL HTR OFF			49729:44:785F	04-201/09:09:23	1TI
95	201 21:54:11	31			CC25D	LECP MAIN SUPP HTR ON			49729:44:785F	04-201/09:09:23	1TI
96	201 21:54:11	31			CC25E	LECP LEPT SUPP HTR ON			49729:44:785F	04-201/09:09:23	1TI
97	201 21:54:11	31			CC27BR	PPS SUPP HTR OFF			49729:44:785F	04-201/09:09:23	1TI
98	201 21:54:11	31			CC32A	PLS ON			49729:44:785F	04-201/09:09:23	1TI
99	201 21:54:11	31			CC32BR	PLS SUPP HTR OFF			49729:44:785F	04-201/09:09:23	1TI
100	201 21:54:11	31			CC32C	PLS REPL HTR ON			49729:44:785F	04-201/09:09:23	1TI
101	201 21:54:11	31			CC34A	UVS ON			49729:44:785F	04-201/09:09:23	1TI
102	201 21:54:11	31			CC34B	UVS REPL HTR ON			49729:44:785F	04-201/09:09:23	1TI
103	201 21:54:11	31			CC35AR	MAG OFF			49729:44:785F	04-201/09:09:23	1TI
104	201 21:54:11	31			CC35B	MAG STANDBY ON			49729:44:785F	04-201/09:09:23	1TI
105	201 21:54:11	31			CC35GR	MAG SENSOR HTR OFF			49729:44:785F	04-201/09:09:23	1TI
106	201 21:54:11	31			CC36GR	ISS WA VID REPL HTR OFF			49729:44:785F	04-201/09:09:23	1TI
107	201 21:54:11	31			CC36HR	ISS WA ELEC REPL HTR OFF			49729:44:785F	04-201/09:09:23	1TI
108	201 21:54:11	31			CC36CRP	ISS NA OPTICS HTR OFF			49729:44:785F	04-201/09:09:23	1TI
109	201 21:54:11	31			CC36FRP	ISS NA VID REPL HTR OFF			49729:44:785F	04-201/09:09:23	1TI
110	201 21:54:11	31			CC36JP	ISS NA ELEC REPL HTR ON			49729:44:785F	04-201/09:09:23	1TI
111	201 21:54:11	31			CC39D	IRIS REPL HTR ON			49729:44:785F	04-201/09:09:23	1TI
112	201 21:54:11	31			CC39FR	IRIS STANDBY A SUPPLY OFF			49729:44:785F	04-201/09:09:23	1TI
113	201 21:54:11	31			CC39BR	IRIS STANDBY B SUPPLY OFF			49729:44:785F	04-201/09:09:23	1TI
114	201 21:54:11	31				SCIENCE INSTRUMENT STATUS			49729:44:785F	04-201/09:09:23	1TI
115	201 21:54:11	31			SC21AF	01000 CRS CMD WORD			49729:44:785F	04-201/09:09:23	1TI

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT 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	201 21:54:11	31			SC21AF	02000 CRS CMD WORD			49729:44:785F	04-201/09:09:23	1TI
117	201 21:54:11	31			SC21AF	03000 CRS CMD WORD			49729:44:785F	04-201/09:09:23	1TI
118	201 21:54:11	31			SC21AF	04000 CRS CMD WORD			49729:44:785F	04-201/09:09:23	1TI
119	201 21:54:11	31			SC21AF	05300 CRS CMD WORD			49729:44:785F	04-201/09:09:23	1TI
120	201 21:54:11	31			SC21AF	06000 CRS CMD WORD			49729:44:785F	04-201/09:09:23	1TI
121	201 21:54:11	31			SC21AF	07200 CRS CMD WORD			49729:44:785F	04-201/09:09:23	1TI
122	201 21:54:11	31			SC21AF	08200 CRS CMD WORD			49729:44:785F	04-201/09:09:23	1TI
123	201 21:54:11	31			SC21AF	10000 CRS CMD WORD			49729:44:785F	04-201/09:09:23	1TI
124	201 21:54:11	31			SC21AF	11000 CRS CMD WORD			49729:44:785F	04-201/09:09:23	1TI
125	201 21:54:11	31			SC21AF	12000 CRS CMD WORD			49729:44:785F	04-201/09:09:23	1TI
126	201 21:54:11	31			SC21AF	13012 CRS CMD WORD			49729:44:785F	04-201/09:09:23	1TI
127	201 21:54:11	31			SC21AG	CRS HV FLAG			49729:44:785F	04-201/09:09:23	1TI
128	201 21:54:11	31			SC21AH	CRS CAL-ST FLAG			49729:44:785F	04-201/09:09:23	1TI
129	201 21:54:11	31			SC22AF	1347 PRA CONFIGURATION CMD			49729:44:785F	04-201/09:09:23	1TI
130	201 21:54:11	31			SC22NU	0000 PRA MODE SELECT			49729:44:785F	04-201/09:09:23	1TI
131	201 21:54:11	31			SC23AD	5 PWS CMD WORD			49729:44:785F	04-201/09:09:23	1TI
132	201 21:54:11	31			SC25AH	1777 LECP CMD WORD			49729:44:785F	04-201/09:09:23	1TI
133	201 21:54:11	31			SC25AH	2417 LECP CMD WORD			49729:44:785F	04-201/09:09:23	1TI
134	201 21:54:11	31			SC25AH	5600 LECP CMD WORD			49729:44:785F	04-201/09:09:23	1TI
135	201 21:54:11	31			SC25AH	6032 LECP CMD WORD			49729:44:785F	04-201/09:09:23	1TI
136	201 21:54:11	31			SC25AJ	1 LECP MOTOR STEP CMD			49729:44:785F	04-201/09:09:23	1TI
137	201 21:54:11	31			SC25AN	0 LECP NEAR/FAR ENC			49729:44:785F	04-201/09:09:23	1TI
138	201 21:54:11	31			SC25AQ	5200 LECP SAFE CMD			49729:44:785F	04-201/09:09:23	1TI

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
139	201 21:54:11	31			SC32AF	2 PLS E1 INT/AMP GAIN			49729:44:785F	04-201/09:09:23	1TI
140	201 21:54:11	31			SC32AG	2 PLS E2 INT/AMP GAIN			49729:44:785F	04-201/09:09:23	1TI
141	201 21:54:11	31			SC32AH	3 PLS M INT/AMP GAIN			49729:44:785F	04-201/09:09:23	1TI
142	201 21:54:11	31			SC32AJ	13 PLS CONFIG CMD			49729:44:785F	04-201/09:09:23	1TI
143	201 21:54:11	31			SC32AK	2 PLS L INT/AMP GAIN			49729:44:785F	04-201/09:09:23	1TI
144	201 21:54:11	31			SC32AL	216 PLS M START WORD 1			49729:44:785F	04-201/09:09:23	1TI
145	201 21:54:11	31			SC32AM	216 PLS M START WORD 2			49729:44:785F	04-201/09:09:23	1TI
146	201 21:54:11	31			SC32AN	2 PLS M MODE			49729:44:785F	04-201/09:09:23	1TI
147	201 21:54:11	31			SC32AP	3 PLS E1 SHRT			49729:44:785F	04-201/09:09:23	1TI
148	201 21:54:11	31			SC32AQ	3 PLS E2 SHRT			49729:44:785F	04-201/09:09:23	1TI
149	201 21:54:11	31			SC32AR	3 PLS L SHORT			49729:44:785F	04-201/09:09:23	1TI
150	201 21:54:11	31			SC32AS	2 PLS E1 LONG			49729:44:785F	04-201/09:09:23	1TI
151	201 21:54:11	31			SC32AT	2 PLS E2 LONG			49729:44:785F	04-201/09:09:23	1TI
152	201 21:54:11	31			SC32AU	2 PLS L LONG			49729:44:785F	04-201/09:09:23	1TI
153	201 21:54:11	31			SC34AE	13 UVS MODE/HV LEVEL			49729:44:785F	04-201/09:09:23	1TI
154	201 21:54:11	31			SC34AF	0 UVS READ OUT FLAG			49729:44:785F	04-201/09:09:23	1TI
155	201 21:54:11	31			SC35AI	030001 MAG HFM/EL FLIP/IFC/LFM			49729:44:785F	04-201/09:09:23	1TI
156	201 21:54:11	31			SC35AO	030001 MAG HFM/PRIME/IFC/LFM RAN			49729:44:785F	04-201/09:09:23	1TI
157	201 21:54:12	31				BEGIN SEQUENCE A052 -- LOCK STAR			49729:45:001F	04-201/09:09:23	1T
158	201 23:11:11	31	10RISE			10.2 DEGREE RISE DSC-10					1V
159	202 00:00:00	31				VGR-31 OWLT IS 12H 44M 48S					1L
160	202 02:46:00	31	60 SET			15.5 DEGREE SET DSC-60					1V
161	202 03:05:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9842 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
162	202 03:05:00	31				CFG CODES					1DP
163	202 03:25:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9841					1DP
164	202 06:40:18	31	40RISE			10.2 DEGREE RISE DSC-40					1V
165	202 10:15:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9842					1DP
166	202 10:39:42	31	10 SET			10.2 DEGREE SET DSC-10					1V
167	202 12:00:00	31				VGR-31 OWLT IS 12H 44M 53S					1L
168	202 13:22:06	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
169	202 13:22:06	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
170	202 13:22:54	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
171	202 13:22:54	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
172	202 13:25:30	31				BEGIN PWSREC.31			49749:09:001F	04-202/00:40:35	1T
173	202 13:25:30	31			SC32AJ	(10) PLS CONFIG CMD	FDS		49749:09:009F	04-202/00:40:36	1ECF
174	202 13:26:18	31				B- DRGS4B			49749:10:001F	04-202/00:41:23	1TB
175	202 13:26:18	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		49749:10:009F	04-202/00:41:24	1ECF
176	202 13:27:02	31				BEGIN RECORDING PWS DATA			49749:10:734F	04-202/00:42:07	1T
177	202 13:27:02	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		49749:10:735F	04-202/00:42:08	1ECd

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
178	202 13:27:02	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:4 TIC:1746	DTR		49749:10:735F	04-202/00:42:08	1ESd
179	202 13:27:06	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	49749:11:001F	04-202/00:42:11	1ESf
180	202 13:27:06	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		49749:11:002F	04-202/00:42:11	1ECs
181	202 13:27:07	31				B- DRCRUS			49749:11:018F	04-202/00:42:12	1TB
182	202 13:27:07	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		49749:11:026F	04-202/00:42:13	1ECf
183	202 13:27:54	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	49749:12:001F	04-202/00:42:59	1ESf
184	202 13:27:54	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		49749:12:002F	04-202/00:42:59	1ECs
185	202 13:27:54	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		49749:12:002F	04-202/00:43:00	1ECd
186	202 13:27:54	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:1454	DTR		49749:12:002F	04-202/00:43:00	1ESd

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
206	203 05:10:24	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		49768:50:009F	04-202/16:25:24	1ECf
207	203 05:11:12	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	49768:51:001F	04-202/16:26:11	1ESf
208	203 05:11:12	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		49768:51:001F	04-202/16:26:11	1ECs
209	203 05:17:37	31			SC06BY	(7) FDS PLS/MAG/PESCAL FLAG PLSCAL ENABLED MAGCAL ENABLED PESCAL ENABLED	FDS		49768:59:009F	04-202/16:32:36	1ECf
210	203 05:18:25	31				BEGIN PLS/MAG/PESCAL			49769:00:001F	04-202/16:33:23	1T
211	203 06:36:20	31	40RISE			10.2 DEGREE RISE DSC-40					1V
212	203 07:00:49	31				END PLSCAL			49771:08:001F	04-202/18:15:47	1T
213	203 08:20:50	31				END MAGCAL			49772:48:001F	04-202/19:35:47	1T
214	203 08:34:14	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
215	203 08:34:14	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
216	203 08:38:26	31				END PESCAL			49773:10:001F	04-202/19:53:23	1T
217	203 08:38:26	31				B- DRCRUS			49773:10:001F	04-202/19:53:23	1TB

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
218	203 08:38:26	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		49773:10:009F	04-202/19:53:24	1ECf
219	203 08:39:14	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	49773:11:001F	04-202/19:54:11	1ESf
220	203 08:39:14	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		49773:11:002F	04-202/19:54:11	1ECs
221	203 08:39:15	31				END PMPCALLR			49773:11:018F	04-202/19:54:12	1T
222	203 10:10:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9843					1DP
223	203 10:35:44	31	10 SET			10.2 DEGREE SET DSC-10					1V
224	203 12:00:00	31				VGR-31 OWLT IS 12H 45M 03S					1L
225	203 15:30:27	31	60RISE			10.2 DEGREE RISE DSC-60					1V
226	203 15:37:37	31	40 SET			10.2 DEGREE SET DSC-40					1V
227	203 18:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9843 (D/L ONLY)					1DP
228	203 18:30:00	31				CFG CODES					1DP
229	203 23:03:17	31	10RISE			10.2 DEGREE RISE DSC-10					1V
230	204 00:00:00	31				VGR-31 OWLT IS 12H 45M 08S					1L
231	204 01:40:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9844 (D/L ONLY)					1DP
232	204 01:40:00	31				CFG CODES					1DP
233	204 02:00:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9843					1DP
234	204 02:38:06	31	60 SET			15.5 DEGREE SET DSC-60					1V

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
235	204 04:00:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9844 (D/L ONLY)					1DP
236	204 04:00:00	31				CFG CODES					1DP
237	204 04:20:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9844					1DP
238	204 06:32:22	31	40RISE			10.2 DEGREE RISE DSC-40					1V
239	204 10:05:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9844					1DP
240	204 10:31:46	31	10 SET			10.2 DEGREE SET DSC-10					1V
241	204 12:00:00	31				VGR-31 OWLT IS 12H 45M 13S					1L
242	204 15:26:30	31	60RISE			10.2 DEGREE RISE DSC-60					1V
243	204 15:33:40	31	40 SET			10.2 DEGREE SET DSC-40					1V
244	204 16:45:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9844 (D/L ONLY)					1DP
245	204 16:45:00	31				CFG CODES					1DP
246	204 22:59:20	31	10RISE			10.2 DEGREE RISE DSC-10					1V
247	205 00:00:00	31				VGR-31 OWLT IS 12H 45M 18S					1L
248	205 02:34:10	31	60 SET			15.5 DEGREE SET DSC-60					1V
249	205 02:50:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9845 (D/L ONLY)					1DP
250	205 02:50:00	31				CFG CODES					1DP
251	205 03:10:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9844					1DP
252	205 06:28:23	31	40RISE			10.2 DEGREE RISE DSC-40					1V
253	205 10:00:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9845					1DP
254	205 10:27:35	31			AC7SSB	(3 +008) SS BIAS CONTROL - PITCH	AACS		49835:26:003F	04-204/21:42:12	1ECa
255	205 10:27:48	31	10 SET			10.2 DEGREE SET DSC-10					1V
256	205 12:00:00	31				VGR-31 OWLT IS 12H 45M 23S					1L

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
257	205 15:22:33	31	60RISE			10.2 DEGREE RISE DSC-60					1V
258	205 15:29:43	31	40 SET			10.2 DEGREE SET DSC-40					1V
259	205 16:25:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9845 (D/L ONLY)					1DP
260	205 16:25:00	31				CFG CODES					1DP
261	205 16:25:13	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		49842:53:002F	04-205/03:39:48	1ECd
262	205 16:25:13	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1447	DTR		49842:53:002F	04-205/03:39:48	1ESd
263	205 16:39:29	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		49843:10:675F	04-205/03:54:04	1ECd
264	205 16:39:29	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1756	DTR		49843:10:675F	04-205/03:54:04	1ESd
265	205 19:22:39	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
266	205 19:22:39	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
267	205 19:23:27	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
268	205 19:23:27	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
269	205 19:25:15	31			CC16C	(7017) DTR STATE SELECT: READY	DTR		49846:38:002F	04-205/06:39:48	1ECd

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
270	205 19:25:15	31					DTR		49846:38:002F	04-205/06:39:48	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:1756					
271	205 19:26:03	31			SC32AJ	(10) PLS CONFIG CMD	FDS		49846:39:009F	04-205/06:40:36	1ECf
272	205 19:26:04	31				AHEL11 PWSREC 15			49846:39:018F	04-205/06:40:36	1T
273	205 19:26:04	31				B- PWSREC.31			49846:39:018F	04-205/06:40:36	1TB
274	205 19:26:04	31				BEGIN PWSREC.31			49846:39:018F	04-205/06:40:36	1T
275	205 19:26:51	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		49846:40:009F	04-205/06:41:24	1ECf
276	205 19:26:52	31				B- DRGS4B			49846:40:018F	04-205/06:41:24	1TB
277	205 19:27:35	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		49846:40:735F	04-205/06:42:08	1ECd
278	205 19:27:35	31					DTR		49846:40:735F	04-205/06:42:08	1ESd
						DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:1756					
279	205 19:27:36	31				BEGIN RECORDING PWS DATA			49846:40:751F	04-205/06:42:08	1T
280	205 19:27:39	31		ACE OPCH			FDS	GS-4B	49846:41:001F	04-205/06:42:11	1ESf
						FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION					
281	205 19:27:39	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		49846:41:002F	04-205/06:42:11	1ECs

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT 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	205 19:27:40	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		49846:41:026F	04-205/06:42:13	1ECf
283	205 19:27:41	31				B- DRCSR			49846:41:034F	04-205/06:42:13	1TB
284	205 19:28:27	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	49846:42:001F	04-205/06:42:59	1ESf
285	205 19:28:27	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		49846:42:002F	04-205/06:42:59	1ECs
286	205 19:28:27	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		49846:42:002F	04-205/06:43:00	1ECd
287	205 19:28:27	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2048	DTR		49846:42:002F	04-205/06:43:00	1ESd
288	205 19:29:15	31			SC32AJ	(13) PLS CONFIG CMD	FDS		49846:43:009F	04-205/06:43:48	1ECf
289	205 19:29:17	31				END PWSREC.31			49846:43:034F	04-205/06:43:49	1T
290	205 21:34:51	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		49849:20:002F	04-205/08:49:24	1ECd
291	205 21:34:51	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2055	DTR		49849:20:002F	04-205/08:49:24	1ESd
292	205 22:02:59	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		49849:55:117F	04-205/09:17:30	1ECd
293	205 22:02:59	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1447	DTR		49849:55:117F	04-205/09:17:30	1ESd

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
294	205 22:55:24	31	10RISE			10.2 DEGREE RISE DSC-10					1V
295	206 00:00:00	31				VGR-31 OWLT IS 12H 45M 29S					1L
296	206 00:34:53	31			CC16C	(7024) DTR STATE SELECT: READY	DTR		49853:05:002F	04-205/11:49:24	1ECd
297	206 00:34:53	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:1447	DTR		49853:05:002F	04-205/11:49:24	1ESd
298	206 01:35:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9846 (D/L ONLY)					1DP
299	206 01:35:00	31				CFG CODES					1DP
300	206 01:55:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9845					1DP
301	206 02:30:13	31	60 SET			15.5 DEGREE SET DSC-60					1V
302	206 05:00:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9846					1DP
303	206 06:24:25	31	40RISE			10.2 DEGREE RISE DSC-40					1V
304	206 10:23:50	31	10 SET			10.2 DEGREE SET DSC-10					1V
305	206 12:00:00	31				VGR-31 OWLT IS 12H 45M 34S					1L
306	206 15:18:37	31	60RISE			10.2 DEGREE RISE DSC-60					1V
307	206 15:25:47	31	40 SET			10.2 DEGREE SET DSC-40					1V
308	206 18:00:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9846 (D/L ONLY)					1DP
309	206 18:00:00	31				CFG CODES					1DP
310	206 22:51:27	31	10RISE			10.2 DEGREE RISE DSC-10					1V
311	207 00:00:00	31				VGR-31 OWLT IS 12H 45M 39S					1L
312	207 00:10:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9846					1DP
313	207 02:26:16	31	60 SET			15.4 DEGREE SET DSC-60					1V

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
314	207 06:20:27	31	40RISE			10.2 DEGREE RISE DSC-40					1V
315	207 09:15:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-9847 (D/L ONLY)					1DP
316	207 09:15:00	31				CFG CODES					1DP
317	207 10:19:52	31	10 SET			10.2 DEGREE SET DSC-10					1V
318	207 12:00:00	31				VGR-31 OWLT IS 12H 45M 44S					1L
319	207 14:25:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-9847					1DP
320	207 15:14:40	31	60RISE			10.2 DEGREE RISE DSC-60					1V
321	207 15:21:50	31	40 SET			10.2 DEGREE SET DSC-40					1V
322	207 16:30:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9847 (D/L ONLY)					1DP
323	207 16:30:00	31				CFG CODES					1DP
324	207 20:15:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9847 (D/L ONLY)					1DP
325	207 20:15:00	31				CFG CODES					1DP
326	207 20:30:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9847					1DP
327	207 22:47:30	31	10RISE			10.2 DEGREE RISE DSC-10					1V
328	208 00:00:00	31				VGR-31 OWLT IS 12H 45M 49S					1L
329	208 00:05:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9847					1DP
330	208 01:10:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9848 (D/L ONLY)					1DP
331	208 01:10:00	31				CFG CODES					1DP
332	208 02:22:19	31	60 SET			15.4 DEGREE SET DSC-60					1V
333	208 06:16:29	31	40RISE			10.2 DEGREE RISE DSC-40					1V
334	208 09:50:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9848					1DP

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
335	208 10:15:54	31	10 SET			10.2 DEGREE SET DSC-10					1V
336	208 12:00:00	31				VGR-31 OWLT IS 12H 45M 54S					1L
337	208 14:41:43	31			AC7SSB	(4 +139) SS BIAS CONTROL --- YAW	AACS		49930:43:002F	04-208/01:55:48	1ECa
338	208 15:10:43	31	60RISE			10.2 DEGREE RISE DSC-60					1V
339	208 15:17:53	31	40 SET			10.2 DEGREE SET DSC-40					1V
340	208 20:40:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9848 (U/L PASS)					1DP
341	208 21:12:10	31				B- MISCMD			49938:51:001F	04-208/08:26:11	1TB
342	208 21:12:10	31				MISCMD - PSUINST OFF			49938:51:001F	04-208/08:26:11	1T
343	208 21:12:10	31			CC8DR	PSU INSTR OFF	PWR		49938:51:002F	04-208/08:26:11	1ECp
344	208 22:43:33	31	10RISE			10.2 DEGREE RISE DSC-10					1V
345	209 00:00:00	31				VGR-31 OWLT IS 12H 45M 59S					1L
346	209 02:18:23	31	60 SET			15.4 DEGREE SET DSC-60					1V
347	209 02:35:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9849 (D/L ONLY)					1DP
348	209 02:35:00	31				CFG CODES					1DP
349	209 02:55:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9848					1DP
350	209 06:12:30	31	40RISE			10.2 DEGREE RISE DSC-40					1V
351	209 06:45:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9849					1DP
352	209 10:11:56	31	10 SET			10.2 DEGREE SET DSC-10					1V
353	209 12:00:00	31				VGR-31 OWLT IS 12H 46M 05S					1L
354	209 12:59:17	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
355	209 12:59:17	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

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
368	209 13:04:18	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		49958:41:026F	04-209/00:18:13	1ECf
369	209 13:05:05	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	49958:42:001F	04-209/00:18:59	1ESf
370	209 13:05:05	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		49958:42:002F	04-209/00:18:59	1ECs
371	209 13:05:05	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		49958:42:002F	04-209/00:19:00	1ECd
372	209 13:05:05	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:1155	DTR		49958:42:002F	04-209/00:19:00	1ESd
373	209 13:05:53	31			SC32AJ	(13) PLS CONFIG CMD	FDS		49958:43:009F	04-209/00:19:48	1ECf
374	209 13:05:54	31				END PWSREC.31			49958:43:018F	04-209/00:19:48	1T
375	209 15:06:47	31	60RISE			10.2 DEGREE RISE DSC-60					1V
376	209 15:13:57	31	40 SET			10.2 DEGREE SET DSC-40					1V
377	209 16:00:00	31	65 AOS	OPCH	ACE	AOS DSS-65 PASS-9849 (D/L ONLY)					1DP
378	209 16:00:00	31				CFG CODES					1DP
379	209 22:39:36	31	10RISE			10.2 DEGREE RISE DSC-10					1V
380	210 00:00:00	31				VGR-31 OWLT IS 12H 46M 10S					1L
381	210 01:20:00	31	25 AOS	OPCH	ACE	AOS DSS-25 PASS-9850 (D/L ONLY)					1DP
382	210 01:20:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
383	210 01:40:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9849					1DP
384	210 02:14:28	31	60 SET			15.4 DEGREE SET DSC-60					1V
385	210 06:08:32	31	40RISE			10.2 DEGREE RISE DSC-40					1V
386	210 08:55:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9850					1DP
387	210 10:07:57	31	10 SET			10.2 DEGREE SET DSC-10					1V
388	210 12:00:00	31				VGR-31 OWLT IS 12H 46M 15S					1L
389	210 13:29:16	31			AC7SSB	(3 +009) SS BIAS CONTROL - PITCH	AACS		49989:12:003F	04-210/00:43:00	1ECa
390	210 14:50:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9850 (D/L ONLY)					1DP
391	210 14:50:00	31				CFG CODES					1DP
392	210 15:02:50	31	60RISE			10.2 DEGREE RISE DSC-60					1V
393	210 15:10:00	31	40 SET			10.2 DEGREE SET DSC-40					1V
394	210 22:35:40	31	10RISE			10.2 DEGREE RISE DSC-10					1V
395	211 00:00:00	31				VGR-31 OWLT IS 12H 46M 20S					1L
396	211 02:10:32	31	60 SET			15.4 DEGREE SET DSC-60					1V
397	211 02:25:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9851 (D/L ONLY)					1DP
398	211 02:25:00	31				CFG CODES					1DP
399	211 02:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9850					1DP
400	211 03:45:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9851 (D/L ONLY)					1DP
401	211 03:45:00	31				CFG CODES					1DP
402	211 04:05:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9851					1DP
403	211 06:04:34	31	40RISE			10.2 DEGREE RISE DSC-40					1V
404	211 09:35:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9851					1DP

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
405	211 10:03:59	31	10 SET			10.2 DEGREE SET DSC-10					1V
406	211 12:00:00	31				VGR-31 OWLT IS 12H 46M 26S					1L
407	211 14:58:53	31	60RISE			10.2 DEGREE RISE DSC-60					1V
408	211 15:06:04	31	40 SET			10.2 DEGREE SET DSC-40					1V
409	211 17:40:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9851 (D/L ONLY)					1DP
410	211 17:40:00	31				CFG CODES					1DP
411	211 22:31:43	31	10RISE			10.2 DEGREE RISE DSC-10					1V
412	211 23:30:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9852 (D/L ONLY)					1DP
413	211 23:30:00	31				CFG CODES					1DP
414	211 23:50:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9851					1DP
415	212 00:00:00	31				VGR-31 OWLT IS 12H 46M 31S					1L
416	212 02:06:35	31	60 SET			15.4 DEGREE SET DSC-60					1V
417	212 06:00:36	31	40RISE			10.2 DEGREE RISE DSC-40					1V
418	212 09:30:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9852					1DP
419	212 10:00:01	31	10 SET			10.2 DEGREE SET DSC-10					1V
420	212 12:00:00	31				VGR-31 OWLT IS 12H 46M 36S					1L
421	212 14:54:57	31	60RISE			10.2 DEGREE RISE DSC-60					1V
422	212 15:02:07	31	40 SET			10.2 DEGREE SET DSC-40					1V
423	212 16:02:26	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		50052:23:002F	04-212/03:15:48	1ECd
424	212 16:02:26	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1148	DTR		50052:23:002F	04-212/03:15:48	1ESd

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
425	212 16:44:23	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		50053:15:360F	04-212/03:57:45	1ECd
426	212 16:44:23	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2055	DTR		50053:15:360F	04-212/03:57:45	1ESd
427	212 18:50:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9852 (D/L ONLY)					1DP
428	212 18:50:00	31				CFG CODES					1DP
429	212 18:59:51	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
430	212 18:59:51	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
431	212 19:00:39	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
432	212 19:00:39	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
433	212 19:02:27	31			CC16C	(7017) DTR STATE SELECT: READY	DTR		50056:08:002F	04-212/06:15:48	1ECd
434	212 19:02:27	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2055	DTR		50056:08:002F	04-212/06:15:48	1ESd
435	212 19:03:15	31			SC32AJ	(10) PLS CONFIG CMD	FDS		50056:09:009F	04-212/06:16:36	1ECf
436	212 19:03:16	31				AHEL11 PWSREC 16			50056:09:018F	04-212/06:16:36	1T
437	212 19:03:16	31				B- PWSREC.31			50056:09:018F	04-212/06:16:36	1TB
438	212 19:03:16	31				BEGIN PWSREC.31			50056:09:018F	04-212/06:16:36	1T

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
439	212 19:04:03	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		50056:10:009F	04-212/06:17:24	1ECf
440	212 19:04:04	31				B- DRGS4B			50056:10:018F	04-212/06:17:24	1TB
441	212 19:04:47	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		50056:10:735F	04-212/06:18:08	1ECd
442	212 19:04:47	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:2055	DTR		50056:10:735F	04-212/06:18:08	1ESd
443	212 19:04:48	31				BEGIN RECORDING PWS DATA			50056:10:751F	04-212/06:18:08	1T
444	212 19:04:51	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	50056:11:001F	04-212/06:18:11	1ESf
445	212 19:04:51	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		50056:11:002F	04-212/06:18:11	1ECs
446	212 19:04:52	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		50056:11:026F	04-212/06:18:13	1ECf
447	212 19:04:53	31				B- DRCRUS			50056:11:034F	04-212/06:18:13	1TB
448	212 19:05:39	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	50056:12:001F	04-212/06:18:59	1ESf

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
449	212 19:05:39	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		50056:12:002F	04-212/06:19:00	1ECs
450	212 19:05:39	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		50056:12:002F	04-212/06:19:00	1ECd
451	212 19:05:39	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2347	DTR		50056:12:002F	04-212/06:19:00	1ESd
452	212 19:06:27	31			SC32AJ	(13) PLS CONFIG CMD	FDS		50056:13:009F	04-212/06:19:48	1ECF
453	212 19:06:29	31				END PWSREC.31			50056:13:034F	04-212/06:19:49	1T
454	212 21:12:04	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		50058:50:002F	04-212/08:25:24	1ECd
455	212 21:12:04	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2354	DTR		50058:50:002F	04-212/08:25:24	1ESd
456	212 22:07:53	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		50059:59:603F	04-212/09:21:12	1ECd
457	212 22:07:53	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1148	DTR		50059:59:603F	04-212/09:21:12	1ESd
458	212 22:27:46	31	10RISE			10.2 DEGREE RISE DSC-10					1V
459	212 22:45:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9852 (D/L ONLY)					1DP
460	212 22:45:00	31				CFG CODES					1DP
461	212 23:05:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9852					1DP
462	213 00:00:00	31				VGR-31 OWLT IS 12H 46M 42S					1L
463	213 00:12:06	31			CC16C	(7024) DTR STATE SELECT: READY	DTR		50062:35:002F	04-212/11:25:24	1ECd

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
464	213 00:12:06	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:1148	DTR		50062:35:002F	04-212/11:25:24	1ESd
465	213 02:02:40	31	60	SET		15.4 DEGREE SET DSC-60					1V
466	213 02:11:18	31				B- GAIN.31			50065:04:001F	04-212/13:24:35	1TB
467	213 02:11:18	31				BEGIN GAIN31			50065:04:001F	04-212/13:24:35	1T
468	213 02:11:18	31				B- GYONAB.31			50065:04:001F	04-212/13:24:35	1TB
469	213 02:11:18	31				BEGIN GYONAB31			50065:04:001F	04-212/13:24:35	1T
470	213 02:11:18	31			AC7GYP	(000) DRIRU PATTERN CONTROL GYRO/AXIS=A/PITCH & YAW B/ROLL	AACS		50065:04:004F	04-212/13:24:36	1ECa
471	213 02:11:18	31			CC7GCRP	GYRO C OFF	PWR		50065:04:004F	04-212/13:24:36	1ECp
472	213 02:11:18	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS		50065:04:004F	04-212/13:24:36	1ESa
473	213 02:11:18	31			CC7GCRP	GYRO C OFF	PWR		50065:04:007F	04-212/13:24:36	1ECp
474	213 02:11:18	31			CC7PC	(372) GYRO C OFF	AACS		50065:04:009F	04-212/13:24:36	1ECa
475	213 02:11:18	31			CC7GBP	GYRO B ON	PWR		50065:04:009F	04-212/13:24:36	1ECp
476	213 02:11:18	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		50065:04:009F	04-212/13:24:36	1ESa
477	213 02:11:19	31			CC7GBP	GYRO B ON	PWR		50065:04:011F	04-212/13:24:36	1ECp
478	213 02:11:19	31			CC7PC	(363) GYRO B ON	AACS		50065:04:013F	04-212/13:24:36	1ECa
479	213 02:11:19	31			CC7GAP	GYRO A ON	PWR		50065:04:014F	04-212/13:24:36	1ECp

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
480	213 02:11:19	31				AACS STATUS MODE : CRU GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		50065:04:014F	04-212/13:24:36	1ESa
481	213 02:11:19	31			CC7GAP	GYRO A ON	PWR		50065:04:016F	04-212/13:24:36	1ECp
482	213 02:11:19	31			CC7PC	(353) GYRO A ON	AACS		50065:04:018F	04-212/13:24:36	1ECa
483	213 02:11:47	31				DRIRU INITIALIZATION			50065:04:484F	04-212/13:25:04	1T
484	213 02:11:48	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		50065:04:502F	04-212/13:25:06	1ECa
485	213 02:12:18	31				SET CALIB			50065:05:184F	04-212/13:25:34	1T
486	213 02:12:19	31			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		50065:05:204F	04-212/13:25:36	1ECa
487	213 02:21:18	31				START GYRO FAULT TEST			50065:16:384F	04-212/13:34:34	1T
488	213 02:21:19	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		50065:16:402F	04-212/13:34:36	1ECa
489	213 02:21:20	31				END GYONAB31			50065:16:418F	04-212/13:34:36	1T
490	213 02:25:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9853 (D/L ONLY)					1DP
491	213 02:25:00	31				CFG CODES					1DP
492	213 02:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9852					1DP
493	213 03:11:19	31				B- CCSTIMB			50066:19:001F	04-212/14:24:35	1TB
494	213 03:11:19	31				EXECUTE CCSTIMB FINE			50066:19:001F	04-212/14:24:35	1T
495	213 05:56:38	31	40RISE			10.2 DEGREE RISE DSC-40					1V
496	213 09:30:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9853					1DP
497	213 09:56:03	31	10 SET			10.2 DEGREE SET DSC-10					1V
498	213 12:00:00	31				VGR-31 OWLT IS 12H 46M 47S					1L
499	213 14:51:01	31	60RISE			10.2 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT 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	213 14:58:11	31	40 SET			10.2 DEGREE SET DSC-40					1V
501	213 19:45:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9853 (D/L ONLY)					1DP
502	213 19:45:00	31				CFG CODES					1DP
503	213 22:23:50	31	10RISE			10.2 DEGREE RISE DSC-10					1V
504	213 22:45:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9853 (D/L ONLY)					1DP
505	213 22:45:00	31				CFG CODES					1DP
506	213 23:05:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9853					1DP
507	214 00:00:00	31				VGR-31 OWLT IS 12H 46M 52S					1L
508	214 01:58:44	31	60 SET			15.4 DEGREE SET DSC-60					1V
509	214 02:15:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9854 (D/L ONLY)					1DP
510	214 02:15:00	31				CFG CODES					1DP
511	214 02:35:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9853					1DP
512	214 03:40:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9854 (D/L ONLY)					1DP
513	214 03:40:00	31				CFG CODES					1DP
514	214 04:00:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9854					1DP
515	214 05:52:40	31	40RISE			10.2 DEGREE RISE DSC-40					1V
516	214 09:25:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9854					1DP
517	214 09:52:05	31	10 SET			10.2 DEGREE SET DSC-10					1V
518	214 12:00:00	31				VGR-31 OWLT IS 12H 46M 58S					1L
519	214 14:47:04	31	60RISE			10.2 DEGREE RISE DSC-60					1V
520	214 14:54:14	31	40 SET			10.2 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
521	214 19:50:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9854 (D/L ONLY)					1DP
522	214 19:50:00	31				CFG CODES					1DP
523	214 22:19:53	31	10RISE			10.2 DEGREE RISE DSC-10					1V
524	215 00:00:00	31				VGR-31 OWLT IS 12H 47M 03S					1L
525	215 01:00:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9855 (D/L ONLY)					1DP
526	215 01:00:00	31				CFG CODES					1DP
527	215 01:20:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9854					1DP
528	215 01:54:47	31	60 SET			15.4 DEGREE SET DSC-60					1V
529	215 05:48:41	31	40RISE			10.2 DEGREE RISE DSC-40					1V
530	215 09:20:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9855					1DP
531	215 09:48:08	31	10 SET			10.2 DEGREE SET DSC-10					1V
532	215 12:00:00	31				VGR-31 OWLT IS 12H 47M 08S					1L
533	215 14:43:08	31	60RISE			10.2 DEGREE RISE DSC-60					1V
534	215 14:50:18	31	40 SET			10.2 DEGREE SET DSC-40					1V
535	215 16:30:58	31			AC7SSB	(3 +010) SS BIAS CONTROL - PITCH	AACS		50142:58:003F	04-215/03:43:48	1ECa
536	215 20:30:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9855 (U/L PASS)					1DP
537	215 22:15:57	31	10RISE			10.2 DEGREE RISE DSC-10					1V
538	216 00:00:00	31				VGR-31 OWLT IS 12H 47M 14S					1L
539	216 01:50:53	31	60 SET			15.4 DEGREE SET DSC-60					1V
540	216 02:30:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9855					1DP
541	216 03:50:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9856 (D/L ONLY)					1DP
542	216 03:50:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
543	216 05:44:43	31	40RISE			10.2 DEGREE RISE DSC-40					1V
544	216 08:25:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9856					1DP
545	216 09:44:10	31	10 SET			10.2 DEGREE SET DSC-10					1V
546	216 12:00:00	31				VGR-31 OWLT IS 12H 47M 19S					1L
547	216 12:36:32	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
548	216 12:36:32	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
549	216 12:37:20	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
550	216 12:37:20	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
551	216 12:39:56	31				BEGIN PWSREC.31			50168:09:001F	04-215/23:52:35	1T
552	216 12:39:56	31			SC32AJ	(10) PLS CONFIG CMD	FDS		50168:09:009F	04-215/23:52:36	1ECf
553	216 12:40:44	31				B- DRGS4B			50168:10:001F	04-215/23:53:23	1TB
554	216 12:40:44	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		50168:10:009F	04-215/23:53:24	1ECf
555	216 12:41:28	31				BEGIN RECORDING PWS DATA			50168:10:734F	04-215/23:54:07	1T
556	216 12:41:28	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		50168:10:735F	04-215/23:54:08	1ECd
557	216 12:41:28	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:4 TIC:1148	DTR		50168:10:735F	04-215/23:54:08	1ESd

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
558	216 12:41:32	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	50168:11:001F	04-215/23:54:11	1ESf
559	216 12:41:32	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		50168:11:002F	04-215/23:54:12	1ECs
560	216 12:41:33	31				B- DRCRUS			50168:11:018F	04-215/23:54:12	1TB
561	216 12:41:33	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		50168:11:026F	04-215/23:54:13	1ECf
562	216 12:42:20	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	50168:12:001F	04-215/23:54:59	1ESf
563	216 12:42:20	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		50168:12:002F	04-215/23:55:00	1ECs
564	216 12:42:20	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		50168:12:002F	04-215/23:55:00	1ECd
565	216 12:42:20	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:0856	DTR		50168:12:002F	04-215/23:55:00	1ESd
566	216 12:43:08	31			SC32AJ	(13) PLS CONFIG CMD	FDS		50168:13:009F	04-215/23:55:48	1ECf
567	216 12:43:09	31				END PWSREC.31			50168:13:018F	04-215/23:55:48	1T
568	216 14:39:12	31	60RISE			10.2 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
569	216 14:46:22	31	40 SET			10.2 DEGREE SET DSC-40					1V
570	216 17:30:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9856 (D/L ONLY)					1DP
571	216 17:30:00	31				CFG CODES					1DP
572	216 21:10:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9856 (D/L ONLY)					1DP
573	216 21:10:00	31				CFG CODES					1DP
574	216 21:30:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9856					1DP
575	216 22:12:01	31	10RISE			10.2 DEGREE RISE DSC-10					1V
576	217 00:00:00	31				VGR-31 OWLT IS 12H 47M 25S					1L
577	217 00:55:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9857 (D/L ONLY)					1DP
578	217 00:55:00	31				CFG CODES					1DP
579	217 01:15:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9856					1DP
580	217 01:46:56	31	60 SET			15.4 DEGREE SET DSC-60					1V
581	217 03:12:02	31				DRIRU INITIALIZATION			50186:19:001F	04-216/14:24:35	1T
582	217 03:12:02	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		50186:19:001F	04-216/14:24:35	1ECa
583	217 05:40:45	31	40RISE			10.2 DEGREE RISE DSC-40					1V
584	217 06:55:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9857 (D/L ONLY)					1DP
585	217 06:55:00	31				CFG CODES					1DP
586	217 07:15:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9857					1DP
587	217 09:15:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9857					1DP
588	217 09:40:12	31	10 SET			10.2 DEGREE SET DSC-10					1V
589	217 12:00:00	31				VGR-31 OWLT IS 12H 47M 30S					1L

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
590	217 14:35:15	31	60RISE			10.2 DEGREE RISE DSC-60					1V
591	217 14:42:26	31	40 SET			10.2 DEGREE SET DSC-40					1V
592	217 19:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9857 (D/L ONLY)					1DP
593	217 19:45:00	31				CFG CODES					1DP
594	217 22:08:04	31	10RISE			10.2 DEGREE RISE DSC-10					1V
595	218 00:00:00	31				VGR-31 OWLT IS 12H 47M 36S					1L
596	218 00:55:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9858 (D/L ONLY)					1DP
597	218 00:55:00	31				CFG CODES					1DP
598	218 01:10:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9857					1DP
599	218 01:42:59	31	60 SET			15.4 DEGREE SET DSC-60					1V
600	218 05:36:47	31	40RISE			10.2 DEGREE RISE DSC-40					1V
601	218 09:10:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9858					1DP
602	218 09:36:14	31	10 SET			10.2 DEGREE SET DSC-10					1V
603	218 12:00:00	31				VGR-31 OWLT IS 12H 47M 41S					1L
604	218 14:31:19	31	60RISE			10.2 DEGREE RISE DSC-60					1V
605	218 14:38:30	31	40 SET			10.2 DEGREE SET DSC-40					1V
606	218 16:00:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9858 (D/L ONLY)					1DP
607	218 16:00:00	31				CFG CODES					1DP
608	218 22:04:08	31	10RISE			10.2 DEGREE RISE DSC-10					1V
609	218 22:50:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9858					1DP
610	218 23:30:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9859 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
611	218 23:30:00	31				CFG CODES					1DP
612	219 00:00:00	31				VGR-31 OWLT IS 12H 47M 47S					1L
613	219 01:39:05	31	60 SET			15.4 DEGREE SET DSC-60					1V
614	219 05:32:49	31	40RISE			10.2 DEGREE RISE DSC-40					1V
615	219 09:05:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9859					1DP
616	219 09:32:16	31	10 SET			10.2 DEGREE SET DSC-10					1V
617	219 12:00:00	31				VGR-31 OWLT IS 12H 47M 52S					1L
618	219 14:27:23	31	60RISE			10.2 DEGREE RISE DSC-60					1V
619	219 14:34:33	31	40 SET			10.2 DEGREE SET DSC-40					1V
620	219 15:39:42	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		50261:53:002F	04-219/02:51:48	1ECd
621	219 15:39:42	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0849	DTR		50261:53:002F	04-219/02:51:48	1ESd
622	219 15:45:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9859 (D/L ONLY)					1DP
623	219 15:45:00	31				CFG CODES					1DP
624	219 16:49:21	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		50263:20:046F	04-219/04:01:26	1ECd
625	219 16:49:21	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2354	DTR		50263:20:046F	04-219/04:01:26	1ESd
626	219 18:37:07	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
627	219 18:37:07	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
628	219 18:37:55	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
629	219 18:37:55	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
630	219 18:39:43	31			CC16C	(7017) DTR STATE SELECT: READY	DTR		50265:38:002F	04-219/05:51:48	1ECd
631	219 18:39:43	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2354	DTR		50265:38:002F	04-219/05:51:48	1ESd
632	219 18:40:31	31			SC32AJ	(10) PLS CONFIG CMD	FDS		50265:39:009F	04-219/05:52:36	1ECF
633	219 18:40:32	31				AHEL11 PWSREC 17			50265:39:018F	04-219/05:52:36	1T
634	219 18:40:32	31				B- PWSREC.31			50265:39:018F	04-219/05:52:36	1TB
635	219 18:40:32	31				BEGIN PWSREC.31			50265:39:018F	04-219/05:52:36	1T
636	219 18:41:19	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		50265:40:009F	04-219/05:53:24	1ECF
637	219 18:41:20	31				B- DRGS4B			50265:40:018F	04-219/05:53:24	1TB
638	219 18:42:03	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		50265:40:735F	04-219/05:54:08	1ECd
639	219 18:42:03	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:2354	DTR		50265:40:735F	04-219/05:54:08	1ESd
640	219 18:42:04	31				BEGIN RECORDING PWS DATA			50265:40:751F	04-219/05:54:08	1T

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
641	219 18:42:07	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	50265:41:001F	04-219/05:54:11	1ESf
642	219 18:42:07	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		50265:41:002F	04-219/05:54:12	1ECs
643	219 18:42:08	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		50265:41:026F	04-219/05:54:13	1ECf
644	219 18:42:09	31				B- DRCRUS			50265:41:034F	04-219/05:54:13	1TB
645	219 18:42:55	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	50265:42:001F	04-219/05:54:59	1ESf
646	219 18:42:55	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		50265:42:002F	04-219/05:55:00	1ECs
647	219 18:42:55	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		50265:42:002F	04-219/05:55:00	1ECd
648	219 18:42:55	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2646	DTR		50265:42:002F	04-219/05:55:00	1ESd
649	219 18:43:43	31			SC32AJ	(13) PLS CONFIG CMD	FDS		50265:43:009F	04-219/05:55:48	1ECf
650	219 18:43:45	31				END PWSREC.31			50265:43:034F	04-219/05:55:49	1T
651	219 20:49:20	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		50268:20:002F	04-219/08:01:24	1ECd

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
668	220 02:15:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9859					1DP
669	220 03:09:11	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
670	220 03:09:11	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
671	220 03:12:35	31				B- MAGROLAB.31			50276:19:001F	04-219/14:24:35	1TB
672	220 03:12:35	31				BEGIN MAGROLAB31			50276:19:001F	04-219/14:24:35	1T
673	220 03:12:35	31				B- YAW10			50276:19:001F	04-219/14:24:35	1TB
674	220 03:12:35	31				YAW10			50276:19:001F	04-219/14:24:35	1T
675	220 03:12:35	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		50276:19:004F	04-219/14:24:36	1ECa
676	220 03:13:24	31				B- DRCR5T			50276:20:018F	04-219/14:25:24	1TB
677	220 03:13:24	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		50276:20:026F	04-219/14:25:25	1ECf
678	220 03:14:11	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	50276:21:001F	04-219/14:26:11	1ESf
679	220 03:14:11	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		50276:21:002F	04-219/14:26:11	1ECs
680	220 03:20:36	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR COMMANDED TURN D/L AGC VARIATIONS EXPECTED					11EC
681	220 03:22:36	31			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		50276:31:419F	04-219/14:34:37	1ECa

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
682	220 03:22:36	31				AACS STATUS MODE : AAI GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		50276:31:419F	04-219/14:34:37	1ESa
683	220 03:22:36	31			CC7GCRP	GYRO C OFF	PWR		50276:31:420F	04-219/14:34:37	1ECp
684	220 03:22:36	31			CC7GCRP	GYRO C OFF	PWR		50276:31:422F	04-219/14:34:37	1ECp
685	220 03:22:36	31			CC7PC	(372) GYRO C OFF	AACS		50276:31:424F	04-219/14:34:37	1ECa
686	220 03:22:36	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		50276:31:425F	04-219/14:34:37	1ECp
687	220 03:22:36	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		50276:31:427F	04-219/14:34:37	1ECp
688	220 03:22:37	31			CC7PC	(312) DUMMY PWR CMD	AACS		50276:31:429F	04-219/14:34:37	1ECa
689	220 03:25:36	31			AC7TCD	(322 033605) TURN COMMAND AXIS=ROLL POL=NEG RNG SCALE=X10	AACS		50276:35:220F	04-219/14:37:37	1ECa
690	220 05:28:51	31	40RISE			10.2 DEGREE RISE DSC-40					1V
691	220 07:53:50	31			SC32AJ	(10) PLS CONFIG CMD	FDS		50282:10:426F	04-219/19:05:49	1ECf
692	220 08:25:00	31	43 AOS	OPCH ACE		AOS DSS-43 PASS-9860 (D/L ONLY)					1DP
693	220 08:25:00	31				CFG CODES					1DP
694	220 08:27:22	31			SC32AJ	(11) PLS CONFIG CMD	FDS		50282:52:342F	04-219/19:39:20	1ECf
695	220 09:03:42	31			CC7PC	(345) CMDED TURN COMPLETE	AACS		50283:37:670F	04-219/20:15:40	1ECa
696	220 09:03:43	31				ROLL TURN COMPLETE (NOMINAL)			50283:37:684F	04-219/20:15:40	1T
697	220 09:04:39	31			SC32AJ	(13) PLS CONFIG CMD	FDS		50283:39:026F	04-219/20:16:37	1ECf
698	220 09:05:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9860					1DP
699	220 09:13:39	31				RESET CALIB			50283:50:218F	04-219/20:25:36	1T
700	220 09:13:39	31			AC7PAR	(7530 000000) PARAMETER LOAD	AACS		50283:50:220F	04-219/20:25:37	1ECa
701	220 09:14:09	31			CC7SS	(1) SS SEARCH ENABLE	AACS		50283:50:719F	04-219/20:26:07	1ECa

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
702	220 09:14:09	31				AACS STATUS MODE : RAI GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		50283:50:719F	04-219/20:26:07	1ESa
703	220 09:14:09	31			CC7PC	(327) IDET ACQUIRED	AACS		50283:50:719F	04-219/20:26:07	1ECa
704	220 09:14:09	31			CC7GCRP	GYRO C OFF	PWR		50283:50:720F	04-219/20:26:07	1ECp
705	220 09:14:09	31			CC7GCRP	GYRO C OFF	PWR		50283:50:722F	04-219/20:26:07	1ECp
706	220 09:14:09	31			CC7PC	(372) GYRO C OFF	AACS		50283:50:724F	04-219/20:26:07	1ECa
707	220 09:14:09	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		50283:50:725F	04-219/20:26:07	1ECp
708	220 09:14:09	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		50283:50:727F	04-219/20:26:07	1ECp
709	220 09:14:10	31			CC7PC	(312) DUMMY PWR CMD	AACS		50283:50:729F	04-219/20:26:07	1ECa
710	220 09:20:09	31			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		50283:58:319F	04-219/20:32:07	1ECa
711	220 09:21:14	31				GYROS OFF			50283:59:601F	04-219/20:33:11	1T
712	220 09:21:14	31				AACS STATUS MODE : CRU GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		50283:59:602F	04-219/20:33:12	1ESa
713	220 09:21:14	31			CC7PC	(307) STAR ACQUIRED	AACS		50283:59:602F	04-219/20:33:12	1ECa
714	220 09:21:14	31			CC7GCRP	GYRO C OFF	PWR		50283:59:603F	04-219/20:33:12	1ECp
715	220 09:21:14	31			CC7GCRP	GYRO C OFF	PWR		50283:59:605F	04-219/20:33:12	1ECp
716	220 09:21:14	31			CC7PC	(372) GYRO C OFF	AACS		50283:59:607F	04-219/20:33:12	1ECa
717	220 09:21:14	31			CC7GBRP	GYRO B OFF	PWR		50283:59:608F	04-219/20:33:12	1ECp

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
718	220 09:21:14	31				AACS STATUS MODE : CRU GYRO A: ON HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS		50283:59:608F	04-219/20:33:12	1ESa
719	220 09:21:14	31			CC7GBRP	GYRO B OFF	PWR		50283:59:610F	04-219/20:33:12	1ECp
720	220 09:21:15	31			CC7PC	(362) GYRO B OFF	AACS		50283:59:612F	04-219/20:33:12	1ECa
721	220 09:21:15	31			CC7GARP	GYRO A OFF	PWR		50283:59:613F	04-219/20:33:12	1ECp
722	220 09:21:15	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS		50283:59:613F	04-219/20:33:12	1ESa
723	220 09:21:15	31			CC7GARP	GYRO A OFF	PWR		50283:59:615F	04-219/20:33:12	1ECp
724	220 09:21:15	31			CC7PC	(352) GYRO A OFF	AACS		50283:59:617F	04-219/20:33:12	1ECa
725	220 09:21:15	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		50283:59:617F	04-219/20:33:12	1ECp
726	220 09:21:15	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		50283:59:619F	04-219/20:33:13	1ECp
727	220 09:21:15	31			CC7PC	(312) DUMMY PWR CMD	AACS		50283:59:622F	04-219/20:33:13	1ECa
728	220 09:28:18	31	10 SET			10.2 DEGREE SET DSC-10					1V
729	220 09:28:26	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
730	220 09:28:26	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
731	220 09:29:39	31				B- YAWDB			50284:10:218F	04-219/20:41:36	1TB
732	220 09:29:39	31				YAWDB - .10			50284:10:218F	04-219/20:41:36	1T
733	220 09:29:39	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		50284:10:221F	04-219/20:41:37	1ECa

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
734	220 09:32:39	31				B- DRCSR			50284:14:018F	04-219/20:44:36	1TB
735	220 09:32:39	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		50284:14:026F	04-219/20:44:37	1ECf
736	220 09:33:26	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	50284:15:001F	04-219/20:45:23	1ESf
737	220 09:33:26	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		50284:15:002F	04-219/20:45:23	1ECs
738	220 09:33:27	31				END MAGROLAB31			50284:15:018F	04-219/20:45:24	1T
739	220 10:00:00	31	43 LOS	OPCH ACE		LOS DSS-43 PASS-9860					1DP
740	220 12:00:00	31				VGR-31 OWLT IS 12H 48M 03S					1L
741	220 14:23:27	31	60RISE			10.2 DEGREE RISE DSC-60					1V
742	220 14:30:37	31	40 SET			10.2 DEGREE SET DSC-40					1V
743	220 15:45:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9860 (D/L ONLY)					1DP
744	220 15:45:00	31				CFG CODES					1DP
745	220 15:55:41	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN D/L CARRIER SIG LEVEL					11EC
746	220 16:00:41	31				X BAND LOW POWER			50292:19:001F	04-220/03:12:35	1T
747	220 16:00:41	31			DC2HR	X-BAND TWT LOW POWER	RFS		50292:19:002F	04-220/03:12:35	1ECr
748	220 16:04:41	31			CC1T	BAY 1 HTR ON	PWR		50292:24:002F	04-220/03:16:36	1ECp
749	220 16:04:42	31				END XHIPWR31			50292:24:018F	04-220/03:16:36	1T
750	220 19:32:43	31			AC7SSB	(3 +011) SS BIAS CONTROL - PITCH	AACS		50296:44:003F	04-220/06:44:36	1ECa

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
751	220 19:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9860					1DP
752	220 19:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9860 (D/L ONLY)					1DP
753	220 19:45:00	31				CFG CODES					1DP
754	220 21:56:15	31	10RISE			10.2 DEGREE RISE DSC-10					1V
755	221 00:00:00	31				VGR-31 OWLT IS 12H 48M 09S					1L
756	221 00:35:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9861 (D/L ONLY)					1DP
757	221 00:35:00	31				CFG CODES					1DP
758	221 00:55:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9860					1DP
759	221 01:31:14	31	60 SET			15.4 DEGREE SET DSC-60					1V
760	221 05:24:53	31	40RISE			10.2 DEGREE RISE DSC-40					1V
761	221 08:10:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9861					1DP
762	221 09:24:20	31	10 SET			10.2 DEGREE SET DSC-10					1V
763	221 12:00:00	31				VGR-31 OWLT IS 12H 48M 14S					1L
764	221 14:19:31	31	60RISE			10.2 DEGREE RISE DSC-60					1V
765	221 14:26:41	31	40 SET			10.2 DEGREE SET DSC-40					1V
766	221 19:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9861 (D/L ONLY)					1DP
767	221 19:45:00	31				CFG CODES					1DP
768	221 21:52:19	31	10RISE			10.2 DEGREE RISE DSC-10					1V
769	222 00:00:00	31				VGR-31 OWLT IS 12H 48M 20S					1L
770	222 00:45:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9862 (D/L ONLY)					1DP
771	222 00:45:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
772	222 00:55:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9861					1DP
773	222 01:27:17	31	60 SET			15.3 DEGREE SET DSC-60					1V
774	222 05:20:55	31	40RISE			10.2 DEGREE RISE DSC-40					1V
775	222 08:55:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9862					1DP
776	222 09:20:23	31	10 SET			10.2 DEGREE SET DSC-10					1V
777	222 12:00:00	31				VGR-31 OWLT IS 12H 48M 26S					1L
778	222 14:15:35	31	60RISE			10.2 DEGREE RISE DSC-60					1V
779	222 14:22:45	31	40 SET			10.2 DEGREE SET DSC-40					1V
780	222 20:10:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9862 (U/L PASS)					1DP
781	222 21:48:23	31	10RISE			10.2 DEGREE RISE DSC-10					1V
782	223 00:00:00	31				VGR-31 OWLT IS 12H 48M 31S					1L
783	223 01:23:23	31	60 SET			15.3 DEGREE SET DSC-60					1V
784	223 01:40:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9863 (D/L ONLY)					1DP
785	223 01:40:00	31				CFG CODES					1DP
786	223 02:00:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9862					1DP
787	223 03:20:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9863 (D/L ONLY)					1DP
788	223 03:20:00	31				CFG CODES					1DP
789	223 03:40:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9863					1DP
790	223 05:16:57	31	40RISE			10.2 DEGREE RISE DSC-40					1V
791	223 08:50:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9863					1DP
792	223 09:16:25	31	10 SET			10.2 DEGREE SET DSC-10					1V
793	223 12:00:00	31				VGR-31 OWLT IS 12H 48M 37S					1L

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
794	223 12:13:49	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
795	223 12:13:49	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
796	223 12:14:37	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
797	223 12:14:37	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
798	223 12:17:13	31				BEGIN PWSREC.31			50377:39:001F	04-222/23:28:35	1T
799	223 12:17:13	31			SC32AJ	(10) PLS CONFIG CMD	FDS		50377:39:009F	04-222/23:28:36	1ECf
800	223 12:18:01	31				B- DRGS4B			50377:40:001F	04-222/23:29:23	1TB
801	223 12:18:01	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		50377:40:009F	04-222/23:29:24	1ECf
802	223 12:18:45	31				BEGIN RECORDING PWS DATA			50377:40:734F	04-222/23:30:07	1T
803	223 12:18:45	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		50377:40:735F	04-222/23:30:08	1ECd
804	223 12:18:45	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:4 TIC:0849	DTR		50377:40:735F	04-222/23:30:08	1ESd
805	223 12:18:49	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	50377:41:001F	04-222/23:30:11	1ESf

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
806	223 12:18:49	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		50377:41:002F	04-222/23:30:12	1ECs
807	223 12:18:50	31				B- DRCRUS			50377:41:018F	04-222/23:30:12	1TB
808	223 12:18:50	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		50377:41:026F	04-222/23:30:13	1ECF
809	223 12:19:37	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	50377:42:001F	04-222/23:30:59	1ESF
810	223 12:19:37	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		50377:42:002F	04-222/23:31:00	1ECD
811	223 12:19:37	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:0557	DTR		50377:42:002F	04-222/23:31:00	1ESd
812	223 12:19:37	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		50377:42:002F	04-222/23:31:00	1ECs
813	223 12:20:25	31			SC32AJ	(13) PLS CONFIG CMD	FDS		50377:43:010F	04-222/23:31:48	1ECf
814	223 12:20:26	31				END PWSREC.31			50377:43:018F	04-222/23:31:48	1T
815	223 14:11:39	31	60RISE			10.2 DEGREE RISE DSC-60					1V
816	223 14:18:50	31	40 SET			10.2 DEGREE SET DSC-40					1V
817	223 19:45:00	31	65 AOS	OPCH	ACE	AOS DSS-65 PASS-9863 (D/L ONLY)					1DP
818	223 19:45:00	31				CFG CODES					1DP
819	223 21:44:27	31	10RISE			10.2 DEGREE RISE DSC-10					1V

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
820	224 00:00:00	31				VGR-31 OWLT IS 12H 48M 43S					1L
821	224 00:45:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9864 (D/L ONLY)					1DP
822	224 00:45:00	31				CFG CODES					1DP
823	224 00:50:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9863					1DP
824	224 01:19:26	31	60 SET			15.3 DEGREE SET DSC-60					1V
825	224 05:13:00	31	40RISE			10.2 DEGREE RISE DSC-40					1V
826	224 08:45:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9864					1DP
827	224 09:12:27	31	10 SET			10.2 DEGREE SET DSC-10					1V
828	224 12:00:00	31				VGR-31 OWLT IS 12H 48M 48S					1L
829	224 14:07:43	31	60RISE			10.2 DEGREE RISE DSC-60					1V
830	224 14:14:54	31	40 SET			10.2 DEGREE SET DSC-40					1V
831	224 16:05:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9864 (D/L ONLY)					1DP
832	224 16:05:00	31				CFG CODES					1DP
833	224 20:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9864					1DP
834	224 21:35:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9864 (D/L ONLY)					1DP
835	224 21:35:00	31				CFG CODES					1DP
836	224 21:40:31	31	10RISE			10.2 DEGREE RISE DSC-10					1V
837	224 23:00:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9865 (D/L ONLY)					1DP
838	224 23:00:00	31				CFG CODES					1DP
839	224 23:05:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9864					1DP
840	225 00:00:00	31				VGR-31 OWLT IS 12H 48M 54S					1L

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
841	225 01:15:32	31	60 SET			15.3 DEGREE SET DSC-60					1V
842	225 03:15:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9865 (D/L ONLY)					1DP
843	225 03:15:00	31				CFG CODES					1DP
844	225 03:35:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9865					1DP
845	225 05:09:02	31	40RISE			10.2 DEGREE RISE DSC-40					1V
846	225 08:45:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9865					1DP
847	225 09:08:30	31	10 SET			10.2 DEGREE SET DSC-10					1V
848	225 12:00:00	31				VGR-31 OWLT IS 12H 49M 00S					1L
849	225 14:03:48	31	60RISE			10.2 DEGREE RISE DSC-60					1V
850	225 14:10:58	31	40 SET			10.2 DEGREE SET DSC-40					1V
851	225 16:00:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9865 (D/L ONLY)					1DP
852	225 16:00:00	31				CFG CODES					1DP
853	225 21:36:35	31	10RISE			10.2 DEGREE RISE DSC-10					1V
854	225 22:34:29	31			AC7SSB	(3 +012) SS BIAS CONTROL - PITCH	AACS		50450:30:003F	04-225/09:45:24	1ECa
855	226 00:00:00	31				VGR-31 OWLT IS 12H 49M 05S					1L
856	226 01:11:37	31	60 SET			15.3 DEGREE SET DSC-60					1V
857	226 01:30:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9866 (D/L ONLY)					1DP
858	226 01:30:00	31				CFG CODES					1DP
859	226 01:50:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9865					1DP
860	226 05:05:04	31	40RISE			10.2 DEGREE RISE DSC-40					1V
861	226 08:35:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9866					1DP
862	226 09:04:32	31	10 SET			10.2 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
863	226 12:00:00	31				VGR-31 OWLT IS 12H 49M 11S					1L
864	226 13:59:52	31	60RISE			10.2 DEGREE RISE DSC-60					1V
865	226 14:07:02	31	40 SET			10.2 DEGREE SET DSC-40					1V
866	226 15:17:01	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		50471:23:002F	04-226/02:27:48	1ECd
867	226 15:17:01	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0550	DTR		50471:23:002F	04-226/02:27:48	1ESd
868	226 16:54:20	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		50473:24:526F	04-226/04:05:07	1ECd
869	226 16:54:20	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2653	DTR		50473:24:526F	04-226/04:05:07	1ESd
870	226 18:14:26	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
871	226 18:14:26	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
872	226 18:15:14	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
873	226 18:15:14	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
874	226 18:17:02	31			CC16C	(7017) DTR STATE SELECT: READY	DTR		50475:08:002F	04-226/05:27:48	1ECd
875	226 18:17:02	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2653	DTR		50475:08:002F	04-226/05:27:48	1ESd

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
876	226 18:17:50	31			SC32AJ	(10) PLS CONFIG CMD	FDS		50475:09:009F	04-226/05:28:36	1ECf
877	226 18:17:51	31				AHEL11 PWSREC 18			50475:09:018F	04-226/05:28:36	1T
878	226 18:17:51	31				B- PWSREC.31			50475:09:018F	04-226/05:28:36	1TB
879	226 18:17:51	31				BEGIN PWSREC.31			50475:09:018F	04-226/05:28:36	1T
880	226 18:18:38	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		50475:10:009F	04-226/05:29:24	1ECf
881	226 18:18:39	31				B- DRGS4B			50475:10:018F	04-226/05:29:24	1TB
882	226 18:19:22	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		50475:10:735F	04-226/05:30:08	1ECd
883	226 18:19:22	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:2653	DTR		50475:10:735F	04-226/05:30:08	1ESd
884	226 18:19:23	31				BEGIN RECORDING PWS DATA			50475:10:751F	04-226/05:30:08	1T
885	226 18:19:26	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	50475:11:001F	04-226/05:30:11	1ESf
886	226 18:19:26	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		50475:11:002F	04-226/05:30:12	1ECs
887	226 18:19:27	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		50475:11:026F	04-226/05:30:13	1ECf
888	226 18:19:28	31				B- DRCRUS			50475:11:034F	04-226/05:30:13	1TB

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
889	226 18:20:14	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	50475:12:001F	04-226/05:30:59	1ESf
890	226 18:20:14	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		50475:12:002F	04-226/05:31:00	1ECd
891	226 18:20:14	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2945	DTR		50475:12:002F	04-226/05:31:00	1ESd
892	226 18:20:14	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		50475:12:002F	04-226/05:31:00	1ECs
893	226 18:21:02	31			SC32AJ	(13) PLS CONFIG CMD	FDS		50475:13:009F	04-226/05:31:48	1ECf
894	226 18:21:04	31				END PWSREC.31			50475:13:034F	04-226/05:31:49	1T
895	226 20:26:39	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		50477:50:002F	04-226/07:37:24	1ECd
896	226 20:26:39	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2952	DTR		50477:50:002F	04-226/07:37:24	1ESd
897	226 20:35:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9866 (D/L ONLY)					1DP
898	226 20:35:00	31				CFG CODES					1DP
899	226 21:32:39	31	10RISE			10.2 DEGREE RISE DSC-10					1V
900	226 22:17:50	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		50480:08:769F	04-226/09:28:34	1ECd
901	226 22:17:50	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:0550	DTR		50480:08:769F	04-226/09:28:34	1ESd

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
902	226 22:48:16	31			AC7SSB	(4 +140) SS BIAS CONTROL --- YAW	AACS		50480:47:003F	04-226/09:59:00	1ECa
903	226 23:26:40	31			CC16C	(7024) DTR STATE SELECT: READY	DTR		50481:35:002F	04-226/10:37:24	1ECd
904	226 23:26:40	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:0550	DTR	50481:35:002F	04-226/10:37:24	1ESd	
905	227 00:00:00	31				VGR-31 OWLT IS 12H 49M 17S					1L
906	227 00:15:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9867 (D/L ONLY)					1DP
907	227 00:15:00	31				CFG CODES					1DP
908	227 00:35:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9866					1DP
909	227 01:07:40	31	60 SET			15.3 DEGREE SET DSC-60					1V
910	227 05:01:06	31	40RISE			10.2 DEGREE RISE DSC-40					1V
911	227 07:45:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9867					1DP
912	227 09:00:34	31	10 SET			10.2 DEGREE SET DSC-10					1V
913	227 12:00:00	31				VGR-31 OWLT IS 12H 49M 22S					1L
914	227 13:55:56	31	60RISE			10.2 DEGREE RISE DSC-60					1V
915	227 14:03:07	31	40 SET			10.2 DEGREE SET DSC-40					1V
916	227 19:45:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9867 (D/L ONLY)					1DP
917	227 19:45:00	31				CFG CODES					1DP
918	227 21:28:43	31	10RISE			10.2 DEGREE RISE DSC-10					1V
919	228 00:00:00	31				VGR-31 OWLT IS 12H 49M 28S					1L
920	228 01:03:46	31	60 SET			15.3 DEGREE SET DSC-60					1V
921	228 01:15:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9868 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
922	228 01:15:00	31				CFG CODES					1DP
923	228 01:35:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9867					1DP
924	228 04:57:08	31	40RISE			10.2 DEGREE RISE DSC-40					1V
925	228 07:40:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9868					1DP
926	228 08:56:37	31	10 SET			10.2 DEGREE SET DSC-10					1V
927	228 12:00:00	31				VGR-31 OWLT IS 12H 49M 34S					1L
928	228 13:52:00	31	60RISE			10.2 DEGREE RISE DSC-60					1V
929	228 13:59:11	31	40 SET			10.2 DEGREE SET DSC-40					1V
930	228 19:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9868 (D/L ONLY)					1DP
931	228 19:45:00	31				CFG CODES					1DP
932	228 21:24:47	31	10RISE			10.2 DEGREE RISE DSC-10					1V
933	229 00:00:00	31				VGR-31 OWLT IS 12H 49M 40S					1L
934	229 00:30:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9868					1DP
935	229 00:30:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9869 (D/L ONLY)					1DP
936	229 00:30:00	31				CFG CODES					1DP
937	229 00:59:52	31	60 SET			15.3 DEGREE SET DSC-60					1V
938	229 04:53:10	31	40RISE			10.2 DEGREE RISE DSC-40					1V
939	229 08:25:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9869					1DP
940	229 08:52:39	31	10 SET			10.2 DEGREE SET DSC-10					1V
941	229 12:00:00	31				VGR-31 OWLT IS 12H 49M 45S					1L
942	229 13:48:05	31	60RISE			10.2 DEGREE RISE DSC-60					1V
943	229 13:55:15	31	40 SET			10.2 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
944	229 17:50:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9869 (D/L ONLY)					1DP
945	229 17:50:00	31				CFG CODES					1DP
946	229 21:20:52	31	10RISE			10.2 DEGREE RISE DSC-10					1V
947	229 22:45:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9869					1DP
948	229 22:45:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9869 (U/L PASS)					1DP
949	230 00:00:00	31				VGR-31 OWLT IS 12H 49M 51S					1L
950	230 00:55:55	31	60 SET			15.3 DEGREE SET DSC-60					1V
951	230 01:05:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9870 (D/L ONLY)					1DP
952	230 01:05:00	31				CFG CODES					1DP
953	230 01:35:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9869					1DP
954	230 04:49:13	31	40RISE			10.2 DEGREE RISE DSC-40					1V
955	230 08:20:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9870					1DP
956	230 08:48:42	31	10 SET			10.2 DEGREE SET DSC-10					1V
957	230 11:51:09	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
958	230 11:51:09	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
959	230 11:51:57	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
960	230 11:51:57	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
961	230 11:54:33	31				BEGIN PWSREC.31			50587:09:001F	04-229/23:04:35	1T

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
962	230 11:54:33	31			SC32AJ	(10) PLS CONFIG CMD	FDS		50587:09:009F	04-229/23:04:36	1ECf
963	230 11:55:21	31				B- DRGS4B			50587:10:001F	04-229/23:05:23	1TB
964	230 11:55:21	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		50587:10:009F	04-229/23:05:24	1ECf
965	230 11:56:05	31				BEGIN RECORDING PWS DATA			50587:10:734F	04-229/23:06:07	1T
966	230 11:56:05	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		50587:10:735F	04-229/23:06:08	1ECd
967	230 11:56:05	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:4 TIC:0550	DTR		50587:10:735F	04-229/23:06:08	1ESd
968	230 11:56:09	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	50587:11:001F	04-229/23:06:11	1ESf
969	230 11:56:09	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		50587:11:002F	04-229/23:06:12	1ECs
970	230 11:56:10	31				B- DRCRUS			50587:11:018F	04-229/23:06:12	1TB
971	230 11:56:10	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		50587:11:026F	04-229/23:06:13	1ECf
972	230 11:56:57	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	50587:12:001F	04-229/23:06:59	1ESf

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
973	230 11:56:57	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		50587:12:002F	04-229/23:07:00	1ECs
974	230 11:56:57	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		50587:12:002F	04-229/23:07:00	1ECd
975	230 11:56:57	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:0258	DTR		50587:12:002F	04-229/23:07:00	1ESd
976	230 11:57:45	31			SC32AJ	(13) PLS CONFIG CMD	FDS		50587:13:010F	04-229/23:07:48	1ECF
977	230 11:57:46	31				END PWSREC.31			50587:13:018F	04-229/23:07:48	1T
978	230 12:00:00	31				VGR-31 OWLT IS 12H 49M 57S					1L
979	230 12:08:09	31				B- DTRMA-2.31			50587:26:001F	04-229/23:18:11	1TB
980	230 12:08:09	31				BEGIN DTRMA231			50587:26:001F	04-229/23:18:11	1T
981	230 12:08:09	31			CC16C	(2217) DTR STATE SELECT: SLEW	DTR		50587:26:001F	04-229/23:18:11	1ECd
982	230 12:08:09	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:7 TIC:0251	DTR		50587:26:001F	04-229/23:18:11	1ESd
983	230 13:44:09	31	60RISE			10.2 DEGREE RISE DSC-60					1V
984	230 13:51:20	31	40 SET			10.2 DEGREE SET DSC-40					1V
985	230 14:42:31	31			EOT	END OF TAPE			50590:38:749F	04-230/01:52:32	1Ed
986	230 14:52:10	31			CC16C	(2228) DTR STATE SELECT: SLEW	DTR		50590:51:001F	04-230/02:02:11	1ECd
987	230 14:52:10	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:8 TIC:3585	DTR		50590:51:001F	04-230/02:02:11	1ESd
988	230 14:52:10	31			EOT	END OF TAPE			50590:51:010F	04-230/02:02:12	1Ed

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
989	230 16:30:00	31	54 AOS	OPCH ACE		AOS DSS-54 PASS-9870 (D/L ONLY)					1DP
990	230 16:30:00	31				CFG CODES					1DP
991	230 17:28:57	31			BOT	BEGIN OF TAPE			50594:06:749F	04-230/04:38:56	1Ed
992	230 17:32:10	31				TAPE AT BOT			50594:10:768F	04-230/04:42:09	1T
993	230 17:32:10	31				END DTRMA231			50594:10:768F	04-230/04:42:09	1T
994	230 17:36:12	31				TAPPOS-0250			50594:16:001F	04-230/04:46:11	1T
995	230 17:36:12	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		50594:16:001F	04-230/04:46:11	1ECd
996	230 17:36:12	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0199	DTR		50594:16:001F	04-230/04:46:11	1ESd
997	230 17:36:12	31			BOT	BEGIN OF TAPE			50594:16:010F	04-230/04:46:12	1Ed
998	230 17:38:31	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		50594:18:724F	04-230/04:48:31	1ECd
999	230 17:38:31	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:0250	DTR		50594:18:724F	04-230/04:48:31	1ESd
1000	230 19:40:00	31	54 LOS	OPCH ACE		LOS DSS-54 PASS-9870					1DP
1001	230 20:24:13	31				FWD/TRK 5			50597:46:001F	04-230/07:34:11	1T
1002	230 20:24:13	31			CC16C	(7015) DTR STATE SELECT: READY	DTR		50597:46:001F	04-230/07:34:11	1ECd
1003	230 20:24:13	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:0250	DTR		50597:46:001F	04-230/07:34:11	1ESd
1004	230 21:16:56	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1005	230 22:35:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9871 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1006	230 22:35:00	31				CFG CODES					1DP
1007	231 00:00:00	31				VGR-31 OWLT IS 12H 50M 03S					1L
1008	231 00:52:01	31	60 SET			15.3 DEGREE SET DSC-60					1V
1009	231 01:36:16	31			AC7SSB	(3 +013) SS BIAS CONTROL - PITCH	AACS		50604:16:003F	04-230/12:46:12	1ECa
1010	231 03:35:17	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1011	231 03:35:17	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1012	231 03:35:29	31				BEGIN PMPCALLR			50606:45:001F	04-230/14:45:23	1T
1013	231 03:39:29	31				B- DRCR5T			50606:50:001F	04-230/14:49:23	1TB
1014	231 03:39:29	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		50606:50:009F	04-230/14:49:24	1ECf
1015	231 03:40:17	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	50606:51:001F	04-230/14:50:11	1ESf
1016	231 03:40:17	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		50606:51:001F	04-230/14:50:11	1ECs
1017	231 03:46:41	31			SC06BY	(7) FDS PLS/MAG/PESCAL FLAG PLSCAL ENABLED MAGCAL ENABLED PESCAL ENABLED	FDS		50606:59:009F	04-230/14:56:36	1ECf
1018	231 03:47:29	31				BEGIN PLS/MAG/PESCAL			50607:00:001F	04-230/14:57:23	1T
1019	231 04:45:15	31	40RISE			10.2 DEGREE RISE DSC-40					1V

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1020	231 05:29:53	31				END PLSCAL			50609:08:001F	04-230/16:39:47	1T
1021	231 06:49:54	31				END MAGCAL			50610:48:001F	04-230/17:59:47	1T
1022	231 07:03:18	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1023	231 07:03:18	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
1024	231 07:07:30	31				END PESCAL			50611:10:001F	04-230/18:17:23	1T
1025	231 07:07:30	31				B- DRCSR			50611:10:001F	04-230/18:17:23	1TB
1026	231 07:07:30	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		50611:10:010F	04-230/18:17:24	1ECf
1027	231 07:08:18	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	50611:11:001F	04-230/18:18:11	1ESf
1028	231 07:08:18	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		50611:11:002F	04-230/18:18:11	1ECs
1029	231 07:08:19	31				END PMPCALLR			50611:11:018F	04-230/18:18:12	1T
1030	231 08:20:00	31	15 LOS	OPCH	ACE	LOS DSS-15 PASS-9871					1DP
1031	231 08:44:44	31	10 SET			10.2 DEGREE SET DSC-10					1V
1032	231 12:00:00	31				VGR-31 OWLT IS 12H 50M 09S					1L
1033	231 13:40:14	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1034	231 13:47:24	31	40 SET			10.2 DEGREE SET DSC-40					1V
1035	231 18:30:00	31	65 AOS	OPCH	ACE	AOS DSS-65 PASS-9871 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1036	231 18:30:00	31				CFG CODES					1DP
1037	231 21:13:00	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1038	231 23:55:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9872 (D/L ONLY)					1DP
1039	231 23:55:00	31				CFG CODES					1DP
1040	232 00:00:00	31				VGR-31 OWLT IS 12H 50M 14S					1L
1041	232 00:15:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9871					1DP
1042	232 00:48:06	31	60 SET			15.3 DEGREE SET DSC-60					1V
1043	232 04:41:17	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1044	232 08:10:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9872					1DP
1045	232 08:40:47	31	10 SET			10.2 DEGREE SET DSC-10					1V
1046	232 12:00:00	31				VGR-31 OWLT IS 12H 50M 20S					1L
1047	232 13:36:18	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1048	232 13:43:29	31	40 SET			10.2 DEGREE SET DSC-40					1V
1049	232 16:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9872 (D/L ONLY)					1DP
1050	232 16:45:00	31				CFG CODES					1DP
1051	232 21:09:05	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1052	232 23:50:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9873 (D/L ONLY)					1DP
1053	232 23:50:00	31				CFG CODES					1DP
1054	233 00:00:00	31				VGR-31 OWLT IS 12H 50M 26S					1L
1055	233 00:10:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9872					1DP
1056	233 00:44:12	31	60 SET			15.3 DEGREE SET DSC-60					1V

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1057	233 04:37:20	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1058	233 08:10:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9873					1DP
1059	233 08:36:49	31	10 SET			10.2 DEGREE SET DSC-10					1V
1060	233 12:00:00	31				VGR-31 OWLT IS 12H 50M 32S					1L
1061	233 13:32:23	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1062	233 13:39:33	31	40 SET			10.2 DEGREE SET DSC-40					1V
1063	233 14:54:21	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		50680:53:002F	04-233/02:03:48	1ECd
1064	233 14:54:21	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0250	DTR		50680:53:002F	04-233/02:03:48	1ESd
1065	233 16:59:27	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		50683:29:283F	04-233/04:08:52	1ECd
1066	233 16:59:27	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2952	DTR		50683:29:283F	04-233/04:08:52	1ESd
1067	233 17:51:47	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1068	233 17:51:47	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1069	233 17:52:35	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1070	233 17:52:35	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1071	233 17:54:23	31			CC16C	(7017) DTR STATE SELECT: READY	DTR		50684:38:002F	04-233/05:03:48	1ECd

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1072	233 17:54:23	31					DTR		50684:38:002F	04-233/05:03:48	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2952					
1073	233 17:55:11	31			SC32AJ	(10) PLS CONFIG CMD	FDS		50684:39:009F	04-233/05:04:36	1ECf
1074	233 17:55:12	31				AHEL11 PWSREC 19			50684:39:018F	04-233/05:04:36	1T
1075	233 17:55:12	31				B- PWSREC.31			50684:39:018F	04-233/05:04:36	1TB
1076	233 17:55:12	31				BEGIN PWSREC.31			50684:39:018F	04-233/05:04:36	1T
1077	233 17:55:59	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		50684:40:009F	04-233/05:05:24	1ECf
1078	233 17:56:00	31				B- DRGS4B			50684:40:018F	04-233/05:05:24	1TB
1079	233 17:56:43	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		50684:40:735F	04-233/05:06:08	1ECd
1080	233 17:56:43	31					DTR		50684:40:735F	04-233/05:06:08	1ESd
						DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:2952					
1081	233 17:56:44	31				BEGIN RECORDING PWS DATA			50684:40:751F	04-233/05:06:08	1T
1082	233 17:56:47	31		ACE OPCH			FDS	GS-4B	50684:41:001F	04-233/05:06:11	1ESf
						FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION					
1083	233 17:56:47	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		50684:41:002F	04-233/05:06:12	1ECs

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1084	233 17:56:48	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		50684:41:026F	04-233/05:06:13	1ECf
1085	233 17:56:49	31				B- DRCRUS			50684:41:034F	04-233/05:06:13	1TB
1086	233 17:57:35	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	50684:42:001F	04-233/05:06:59	1ESf
1087	233 17:57:35	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		50684:42:002F	04-233/05:07:00	1ECd
1088	233 17:57:35	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:3244	DTR		50684:42:002F	04-233/05:07:00	1ESd
1089	233 17:57:35	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		50684:42:002F	04-233/05:07:00	1ECs
1090	233 17:58:23	31			SC32AJ	(13) PLS CONFIG CMD	FDS		50684:43:009F	04-233/05:07:48	1ECf
1091	233 17:58:25	31				END PWSREC.31			50684:43:034F	04-233/05:07:49	1T
1092	233 19:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9873 (D/L ONLY)					1DP
1093	233 19:30:00	31				CFG CODES					1DP
1094	233 20:04:00	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		50687:20:002F	04-233/07:13:24	1ECd
1095	233 20:04:00	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3251	DTR		50687:20:002F	04-233/07:13:24	1ESd
1096	233 21:05:09	31	10RISE			10.2 DEGREE RISE DSC-10					1V

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1097	233 22:22:55	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		50690:13:500F	04-233/09:32:17	1ECd
1098	233 22:22:55	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:0250	DTR		50690:13:500F	04-233/09:32:17	1ESd
1099	233 22:30:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9873 (D/L ONLY)					1DP
1100	233 22:30:00	31				CFG CODES					1DP
1101	233 22:50:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9873					1DP
1102	233 23:04:01	31			CC16C	(7015) DTR STATE SELECT: READY	DTR		50691:05:002F	04-233/10:13:24	1ECd
1103	233 23:04:01	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:0250	DTR		50691:05:002F	04-233/10:13:24	1ESd
1104	234 00:00:00	31				VGR-31 OWLT IS 12H 50M 38S					1L
1105	234 00:40:15	31	60 SET			15.2 DEGREE SET DSC-60					1V
1106	234 01:00:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9874 (D/L ONLY)					1DP
1107	234 01:00:00	31				CFG CODES					1DP
1108	234 01:20:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9873					1DP
1109	234 04:33:22	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1110	234 07:20:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9874					1DP
1111	234 08:32:52	31	10 SET			10.2 DEGREE SET DSC-10					1V
1112	234 12:00:00	31				VGR-31 OWLT IS 12H 50M 44S					1L
1113	234 13:28:28	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1114	234 13:35:38	31	40 SET			10.2 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1115	234 14:25:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9874 (D/L ONLY)					1DP
1116	234 14:25:00	31				CFG CODES					1DP
1117	234 21:01:14	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1118	234 23:40:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9875 (D/L ONLY)					1DP
1119	234 23:40:00	31				CFG CODES					1DP
1120	235 00:00:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9874					1DP
1121	235 00:00:00	31				VGR-31 OWLT IS 12H 50M 49S					1L
1122	235 00:36:21	31	60 SET			15.2 DEGREE SET DSC-60					1V
1123	235 04:29:25	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1124	235 07:15:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9875					1DP
1125	235 08:28:55	31	10 SET			10.2 DEGREE SET DSC-10					1V
1126	235 12:00:00	31				VGR-31 OWLT IS 12H 50M 55S					1L
1127	235 13:24:32	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1128	235 13:31:43	31	40 SET			10.2 DEGREE SET DSC-40					1V
1129	235 16:35:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9875 (D/L ONLY)					1DP
1130	235 16:35:00	31				CFG CODES					1DP
1131	235 20:57:18	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1132	236 00:00:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9875					1DP
1133	236 00:00:00	31				VGR-31 OWLT IS 12H 51M 01S					1L
1134	236 00:15:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9876 (D/L ONLY)					1DP
1135	236 00:15:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1136	236 00:32:26	31	60 SET			15.2 DEGREE SET DSC-60					1V
1137	236 04:25:27	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1138	236 04:38:03	31			AC7SSB	(3 +014) SS BIAS CONTROL - PITCH	AACS		50758:02:003F	04-235/15:47:00	1ECa
1139	236 08:00:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9876					1DP
1140	236 08:24:57	31	10 SET			10.2 DEGREE SET DSC-10					1V
1141	236 12:00:00	31				VGR-31 OWLT IS 12H 51M 07S					1L
1142	236 13:20:37	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1143	236 13:27:48	31	40 SET			10.2 DEGREE SET DSC-40					1V
1144	236 20:50:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9876 (D/L ONLY)					1DP
1145	236 20:50:00	31				CFG CODES					1DP
1146	236 20:53:23	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1147	236 22:45:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9876 (U/L PASS)					1DP
1148	236 23:05:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9876					1DP
1149	237 00:00:00	31				VGR-31 OWLT IS 12H 51M 13S					1L
1150	237 00:28:32	31	60 SET			15.2 DEGREE SET DSC-60					1V
1151	237 01:15:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9876					1DP
1152	237 01:50:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9877 (D/L ONLY)					1DP
1153	237 01:50:00	31				CFG CODES					1DP
1154	237 04:21:30	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1155	237 07:50:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9877					1DP
1156	237 08:21:00	31	10 SET			10.2 DEGREE SET DSC-10					1V
1157	237 11:28:31	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1158	237 11:28:31	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1159	237 11:29:19	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
1160	237 11:29:19	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1161	237 11:31:55	31				BEGIN PWSREC.31			50796:39:001F	04-236/22:40:35	1T
1162	237 11:31:55	31			SC32AJ	(10) PLS CONFIG CMD	FDS		50796:39:010F	04-236/22:40:36	1ECF
1163	237 11:32:43	31				B- DRGS4B			50796:40:001F	04-236/22:41:23	1TB
1164	237 11:32:43	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		50796:40:009F	04-236/22:41:24	1ECF
1165	237 11:33:27	31				BEGIN RECORDING PWS DATA			50796:40:734F	04-236/22:42:07	1T
1166	237 11:33:27	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		50796:40:735F	04-236/22:42:08	1ECD
1167	237 11:33:27	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:0250	DTR		50796:40:735F	04-236/22:42:08	1ESd
1168	237 11:33:31	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	50796:41:001F	04-236/22:42:11	1ESF

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1169	237 11:33:31	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		50796:41:002F	04-236/22:42:12	1ECs
1170	237 11:33:32	31				B- DRCRUS			50796:41:018F	04-236/22:42:12	1TB
1171	237 11:33:32	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		50796:41:026F	04-236/22:42:13	1ECF
1172	237 11:34:19	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	50796:42:001F	04-236/22:42:59	1ESF
1173	237 11:34:19	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		50796:42:002F	04-236/22:43:00	1ECD
1174	237 11:34:19	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:0543	DTR		50796:42:002F	04-236/22:43:00	1ESd
1175	237 11:34:19	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		50796:42:002F	04-236/22:43:00	1ECs
1176	237 11:35:07	31			SC32AJ	(13) PLS CONFIG CMD	FDS		50796:43:010F	04-236/22:43:48	1ECf
1177	237 11:35:08	31				END PWSREC.31			50796:43:018F	04-236/22:43:48	1T
1178	237 12:00:00	31				VGR-31 OWLT IS 12H 51M 19S					1L
1179	237 13:16:42	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1180	237 13:23:52	31	40 SET			10.2 DEGREE SET DSC-40					1V
1181	237 19:10:00	31	65 AOS	OPCH	ACE	AOS DSS-65 PASS-9877 (D/L ONLY)					1DP
1182	237 19:10:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT 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	237 20:49:27	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1184	237 23:30:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9878 (D/L ONLY)					1DP
1185	237 23:30:00	31				CFG CODES					1DP
1186	237 23:50:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9877					1DP
1187	238 00:00:00	31				VGR-31 OWLT IS 12H 51M 25S					1L
1188	238 00:24:38	31	60 SET			15.2 DEGREE SET DSC-60					1V
1189	238 04:17:32	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1190	238 07:00:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9878					1DP
1191	238 07:32:52	31			AC7SSB	(4 +141) SS BIAS CONTROL --- YAW	AACS		50821:40:003F	04-237/18:41:24	1ECa
1192	238 08:17:03	31	10 SET			10.2 DEGREE SET DSC-10					1V
1193	238 12:00:00	31				VGR-31 OWLT IS 12H 51M 31S					1L
1194	238 13:12:47	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1195	238 13:19:57	31	40 SET			10.2 DEGREE SET DSC-40					1V
1196	238 14:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9878 (D/L ONLY)					1DP
1197	238 14:45:00	31				CFG CODES					1DP
1198	238 20:45:32	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1199	238 23:45:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9878					1DP
1200	239 00:00:00	31				VGR-31 OWLT IS 12H 51M 37S					1L
1201	239 00:10:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9879 (D/L ONLY)					1DP
1202	239 00:10:00	31				CFG CODES					1DP
1203	239 00:20:43	31	60 SET			15.2 DEGREE SET DSC-60					1V
1204	239 04:13:35	31	40RISE			10.2 DEGREE RISE DSC-40					1V

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1205	239 07:45:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9879					1DP
1206	239 08:13:06	31	10 SET			10.2 DEGREE SET DSC-10					1V
1207	239 12:00:00	31				VGR-31 OWLT IS 12H 51M 42S					1L
1208	239 13:08:51	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1209	239 13:16:02	31	40 SET			10.2 DEGREE SET DSC-40					1V
1210	239 16:50:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9879 (D/L ONLY)					1DP
1211	239 16:50:00	31				CFG CODES					1DP
1212	239 20:41:37	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1213	239 23:30:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9880 (D/L ONLY)					1DP
1214	239 23:30:00	31				CFG CODES					1DP
1215	239 23:40:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9879					1DP
1216	240 00:00:00	31				VGR-31 OWLT IS 12H 51M 48S					1L
1217	240 00:16:49	31	60 SET			15.2 DEGREE SET DSC-60					1V
1218	240 04:09:37	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1219	240 07:40:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9880					1DP
1220	240 08:09:08	31	10 SET			10.2 DEGREE SET DSC-10					1V
1221	240 12:00:00	31				VGR-31 OWLT IS 12H 51M 54S					1L
1222	240 13:04:56	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1223	240 13:12:07	31	40 SET			10.2 DEGREE SET DSC-40					1V
1224	240 14:31:44	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		50890:23:002F	04-240/01:39:48	1ECd

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1238	240 17:33:21	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		50894:10:009F	04-240/04:41:24	1ECf
1239	240 17:33:22	31				B- DRGS4B			50894:10:018F	04-240/04:41:24	1TB
1240	240 17:34:05	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		50894:10:735F	04-240/04:42:08	1ECd
1241	240 17:34:05	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:3251	DTR		50894:10:735F	04-240/04:42:08	1ESd
1242	240 17:34:06	31				BEGIN RECORDING PWS DATA			50894:10:751F	04-240/04:42:08	1T
1243	240 17:34:09	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	50894:11:001F	04-240/04:42:11	1ESf
1244	240 17:34:09	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		50894:11:002F	04-240/04:42:12	1ECs
1245	240 17:34:10	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		50894:11:026F	04-240/04:42:13	1ECf
1246	240 17:34:11	31				B- DRCRUS			50894:11:034F	04-240/04:42:13	1TB
1247	240 17:34:57	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	50894:12:001F	04-240/04:42:59	1ESf
1248	240 17:34:57	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		50894:12:002F	04-240/04:43:00	1ECd

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1249	240 17:34:57	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:3543	DTR		50894:12:002F	04-240/04:43:00	1ESd
1250	240 17:34:57	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		50894:12:002F	04-240/04:43:00	1ECs
1251	240 17:35:45	31			SC32AJ	(13) PLS CONFIG CMD	FDS		50894:13:009F	04-240/04:43:48	1ECF
1252	240 17:35:47	31				END PWSREC.31			50894:13:034F	04-240/04:43:49	1T
1253	240 19:05:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9880 (D/L ONLY)					1DP
1254	240 19:05:00	31				CFG CODES					1DP
1255	240 19:41:22	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		50896:50:002F	04-240/06:49:24	1ECd
1256	240 19:41:22	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3550	DTR		50896:50:002F	04-240/06:49:24	1ESd
1257	240 20:37:41	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1258	240 22:00:17	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		50899:43:501F	04-240/09:08:17	1ECd
1259	240 22:00:17	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:0549	DTR		50899:43:501F	04-240/09:08:17	1ESd
1260	240 22:41:24	31			CC16C	(7015) DTR STATE SELECT: READY	DTR		50900:35:002F	04-240/09:49:24	1ECd
1261	240 22:41:24	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:0549	DTR		50900:35:002F	04-240/09:49:24	1ESd

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1262	240 23:30:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9881 (D/L ONLY)					1DP
1263	240 23:30:00	31				CFG CODES					1DP
1264	240 23:40:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9880					1DP
1265	241 00:00:00	31				VGR-31 OWLT IS 12H 52M 00S					1L
1266	241 00:12:55	31	60 SET			15.2 DEGREE SET DSC-60					1V
1267	241 04:05:40	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1268	241 06:45:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9881					1DP
1269	241 08:05:11	31	10 SET			10.2 DEGREE SET DSC-10					1V
1270	241 12:00:00	31				VGR-31 OWLT IS 12H 52M 06S					1L
1271	241 13:01:01	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1272	241 13:08:12	31	40 SET			10.2 DEGREE SET DSC-40					1V
1273	241 18:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9881 (D/L ONLY)					1DP
1274	241 18:45:00	31				CFG CODES					1DP
1275	241 20:33:46	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1276	241 23:00:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9882 (D/L ONLY)					1DP
1277	241 23:00:00	31				CFG CODES					1DP
1278	241 23:20:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9881					1DP
1279	242 00:00:00	31				VGR-31 OWLT IS 12H 52M 12S					1L
1280	242 00:09:00	31	60 SET			15.2 DEGREE SET DSC-60					1V
1281	242 01:00:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9882 (D/L ONLY)					1DP
1282	242 01:00:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1283	242 01:20:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9882					1DP
1284	242 04:01:43	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1285	242 07:30:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9882					1DP
1286	242 08:01:14	31	10 SET			10.2 DEGREE SET DSC-10					1V
1287	242 12:00:00	31				VGR-31 OWLT IS 12H 52M 18S					1L
1288	242 12:57:06	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1289	242 13:04:17	31	40 SET			10.2 DEGREE SET DSC-40					1V
1290	242 14:00:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9882 (D/L ONLY)					1DP
1291	242 14:00:00	31				CFG CODES					1DP
1292	242 20:29:51	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1293	242 23:10:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9883 (D/L ONLY)					1DP
1294	242 23:10:00	31				CFG CODES					1DP
1295	242 23:30:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9882					1DP
1296	243 00:00:00	31				VGR-31 OWLT IS 12H 52M 24S					1L
1297	243 00:05:06	31	60 SET			15.2 DEGREE SET DSC-60					1V
1298	243 03:57:45	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1299	243 07:30:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9883					1DP
1300	243 07:57:17	31	10 SET			10.2 DEGREE SET DSC-10					1V
1301	243 12:00:00	31				VGR-31 OWLT IS 12H 52M 30S					1L
1302	243 12:53:12	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1303	243 13:00:22	31	40 SET			10.2 DEGREE SET DSC-40					1V
1304	243 16:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9883 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1305	243 16:30:00	31				CFG CODES					1DP
1306	243 20:25:56	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1307	243 23:30:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9883					1DP
1308	244 00:00:00	31				VGR-31 OWLT IS 12H 52M 36S					1L
1309	244 00:01:11	31	60 SET			15.2 DEGREE SET DSC-60					1V
1310	244 02:35:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9884 (D/L ONLY)					1DP
1311	244 02:35:00	31				CFG CODES					1DP
1312	244 03:53:48	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1313	244 07:25:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9884					1DP
1314	244 07:53:20	31	10 SET			10.2 DEGREE SET DSC-10					1V
1315	244 11:05:53	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1316	244 11:05:53	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1317	244 11:06:41	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1318	244 11:06:41	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1319	244 11:09:17	31				BEGIN PWSREC.31			51006:09:001F	04-243/22:16:35	1T
1320	244 11:09:17	31			SC32AJ	(10) PLS CONFIG CMD	FDS		51006:09:009F	04-243/22:16:36	1ECf
1321	244 11:10:05	31				B- DRGS4B			51006:10:001F	04-243/22:17:23	1TB

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1322	244 11:10:05	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		51006:10:009F	04-243/22:17:24	1ECf
1323	244 11:10:49	31				BEGIN RECORDING PWS DATA			51006:10:734F	04-243/22:18:07	1T
1324	244 11:10:49	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		51006:10:735F	04-243/22:18:08	1ECd
1325	244 11:10:49	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:0549	DTR		51006:10:735F	04-243/22:18:08	1ESd
1326	244 11:10:53	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	51006:11:001F	04-243/22:18:11	1ESf
1327	244 11:10:53	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		51006:11:002F	04-243/22:18:12	1ECs
1328	244 11:10:54	31				B- DRCRUS			51006:11:018F	04-243/22:18:12	1TB
1329	244 11:10:54	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		51006:11:026F	04-243/22:18:13	1ECf
1330	244 11:11:41	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	51006:12:001F	04-243/22:18:59	1ESf

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1331	244 11:11:41	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		51006:12:002F	04-243/22:19:00	1ECs
1332	244 11:11:41	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		51006:12:002F	04-243/22:19:00	1ECd
1333	244 11:11:41	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:0842	DTR		51006:12:002F	04-243/22:19:00	1ESd
1334	244 11:12:29	31			SC32AJ	(13) PLS CONFIG CMD	FDS		51006:13:009F	04-243/22:19:48	1ECf
1335	244 11:12:30	31				END PWSREC.31			51006:13:018F	04-243/22:19:48	1T
1336	244 12:00:00	31				VGR-31 OWLT IS 12H 52M 42S					1L
1337	244 12:49:17	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1338	244 12:56:27	31	40 SET			10.2 DEGREE SET DSC-40					1V
1339	244 15:30:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9884 (D/L ONLY)					1DP
1340	244 15:30:00	31				CFG CODES					1DP
1341	244 19:20:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9884 (U/L PASS)					1DP
1342	244 19:30:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9884					1DP
1343	244 20:22:01	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1344	244 23:57:17	31	60 SET			15.1 DEGREE SET DSC-60					1V
1345	245 00:00:00	31				VGR-31 OWLT IS 12H 52M 48S					1L
1346	245 00:10:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9885 (D/L ONLY)					1DP
1347	245 00:10:00	31				CFG CODES					1DP
1348	245 00:30:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9884					1DP
1349	245 03:18:13	31			AC7SSB	(3 +015) SS BIAS CONTROL - PITCH	AACS		51026:20:003F	04-244/14:25:24	1ECa

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1350	245 03:49:51	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1351	245 04:10:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9885					1DP
1352	245 07:49:23	31	10 SET			10.2 DEGREE SET DSC-10					1V
1353	245 12:00:00	31				VGR-31 OWLT IS 12H 52M 54S					1L
1354	245 12:45:22	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1355	245 12:52:33	31	40 SET			10.2 DEGREE SET DSC-40					1V
1356	245 15:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9885 (D/L ONLY)					1DP
1357	245 15:30:00	31				CFG CODES					1DP
1358	245 20:18:06	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1359	245 23:20:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9885					1DP
1360	245 23:50:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9886 (D/L ONLY)					1DP
1361	245 23:50:00	31				CFG CODES					1DP
1362	245 23:53:23	31	60 SET			15.1 DEGREE SET DSC-60					1V
1363	246 00:00:00	31				VGR-31 OWLT IS 12H 53M 00S					1L
1364	246 03:45:54	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1365	246 04:10:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9886					1DP
1366	246 07:45:26	31	10 SET			10.2 DEGREE SET DSC-10					1V
1367	246 12:00:00	31				VGR-31 OWLT IS 12H 53M 06S					1L
1368	246 12:41:27	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1369	246 12:48:38	31	40 SET			10.2 DEGREE SET DSC-40					1V
1370	246 19:00:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9886 (D/L ONLY)					1DP
1371	246 19:00:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1372	246 20:14:11	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1373	246 23:49:28	31	60 SET			15.1 DEGREE SET DSC-60					1V
1374	247 00:00:00	31				VGR-31 OWLT IS 12H 53M 11S					1L
1375	247 00:05:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9887 (D/L ONLY)					1DP
1376	247 00:05:00	31				CFG CODES					1DP
1377	247 00:25:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9886					1DP
1378	247 03:41:57	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1379	247 07:15:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9887					1DP
1380	247 07:41:29	31	10 SET			10.2 DEGREE SET DSC-10					1V
1381	247 12:00:00	31				VGR-31 OWLT IS 12H 53M 17S					1L
1382	247 12:37:32	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1383	247 12:44:43	31	40 SET			10.2 DEGREE SET DSC-40					1V
1384	247 14:09:07	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		51099:53:002F	04-247/01:15:48	1ECd
1385	247 14:09:07	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0848	DTR		51099:53:002F	04-247/01:15:48	1ESd
1386	247 14:10:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9887 (D/L ONLY)					1DP
1387	247 14:10:00	31				CFG CODES					1DP
1388	247 16:14:11	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		51102:29:250F	04-247/03:20:50	1ECd
1389	247 16:14:11	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3550	DTR		51102:29:250F	04-247/03:20:50	1ESd

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1390	247 17:06:32	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1391	247 17:06:32	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1392	247 17:07:20	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1393	247 17:07:20	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1394	247 17:09:08	31			CC16C	(7028) DTR STATE SELECT: READY	DTR		51103:38:002F	04-247/04:15:48	1ECd
1395	247 17:09:08	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:3550	DTR		51103:38:002F	04-247/04:15:48	1ESd
1396	247 17:09:56	31			SC32AJ	(10) PLS CONFIG CMD	FDS		51103:39:009F	04-247/04:16:36	1ECf
1397	247 17:09:57	31				AHEL11 PWSREC 21			51103:39:018F	04-247/04:16:36	1T
1398	247 17:09:57	31				B- PWSREC.31			51103:39:018F	04-247/04:16:36	1TB
1399	247 17:09:57	31				BEGIN PWSREC.31			51103:39:018F	04-247/04:16:36	1T
1400	247 17:10:44	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		51103:40:009F	04-247/04:17:24	1ECf
1401	247 17:10:45	31				B- DRGS4B			51103:40:018F	04-247/04:17:24	1TB
1402	247 17:11:28	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		51103:40:735F	04-247/04:18:08	1ECd

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1403	247 17:11:28	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:3550	DTR		51103:40:735F	04-247/04:18:08	1ESd
1404	247 17:11:29	31				BEGIN RECORDING PWS DATA			51103:40:751F	04-247/04:18:08	1T
1405	247 17:11:32	31		ACE	OPCH	FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	51103:41:001F	04-247/04:18:11	1ESf
1406	247 17:11:32	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		51103:41:002F	04-247/04:18:12	1ECs
1407	247 17:11:33	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		51103:41:026F	04-247/04:18:13	1ECf
1408	247 17:11:34	31				B- DRCRUS			51103:41:034F	04-247/04:18:13	1TB
1409	247 17:12:20	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	51103:42:001F	04-247/04:18:59	1ESf
1410	247 17:12:20	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		51103:42:002F	04-247/04:19:00	1ECd
1411	247 17:12:20	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:3257	DTR		51103:42:002F	04-247/04:19:00	1ESd

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1412	247 17:12:20	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		51103:42:002F	04-247/04:19:00	1ECs
1413	247 17:13:08	31			SC32AJ	(13) PLS CONFIG CMD	FDS		51103:43:009F	04-247/04:19:48	1ECF
1414	247 17:13:10	31				END PWSREC.31			51103:43:034F	04-247/04:19:49	1T
1415	247 19:18:45	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		51106:20:002F	04-247/06:25:24	1ECd
1416	247 19:18:45	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3251	DTR		51106:20:002F	04-247/06:25:24	1ESd
1417	247 20:10:16	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1418	247 21:09:59	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		51108:39:013F	04-247/08:16:36	1ECd
1419	247 21:09:59	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:0848	DTR		51108:39:013F	04-247/08:16:36	1ESd
1420	247 22:18:47	31			CC16C	(7015) DTR STATE SELECT: READY	DTR		51110:05:002F	04-247/09:25:24	1ECd
1421	247 22:18:47	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:0848	DTR		51110:05:002F	04-247/09:25:24	1ESd
1422	247 23:10:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9887					1DP
1423	247 23:30:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9888 (D/L ONLY)					1DP
1424	247 23:30:00	31				CFG CODES					1DP
1425	247 23:45:34	31	60 SET			15.1 DEGREE SET DSC-60					1V
1426	248 00:00:00	31				VGR-31 OWLT IS 12H 53M 23S					1L

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1427	248 03:38:00	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1428	248 06:20:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9888					1DP
1429	248 07:37:32	31	10 SET			10.2 DEGREE SET DSC-10					1V
1430	248 12:00:00	31				VGR-31 OWLT IS 12H 53M 29S					1L
1431	248 12:33:38	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1432	248 12:40:48	31	40 SET			10.2 DEGREE SET DSC-40					1V
1433	248 15:20:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9888 (D/L ONLY)					1DP
1434	248 15:20:00	31				CFG CODES					1DP
1435	248 20:06:21	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1436	248 21:20:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9888					1DP
1437	248 23:41:39	31	60 SET			15.1 DEGREE SET DSC-60					1V
1438	249 00:00:00	31				VGR-31 OWLT IS 12H 53M 35S					1L
1439	249 00:45:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9889 (D/L ONLY)					1DP
1440	249 00:45:00	31				CFG CODES					1DP
1441	249 03:34:03	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1442	249 07:05:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9889					1DP
1443	249 07:33:36	31	10 SET			10.2 DEGREE SET DSC-10					1V
1444	249 12:00:00	31				VGR-31 OWLT IS 12H 53M 41S					1L
1445	249 12:29:43	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1446	249 12:36:54	31	40 SET			10.2 DEGREE SET DSC-40					1V
1447	249 15:20:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9889 (D/L ONLY)					1DP
1448	249 15:20:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1449	249 16:17:31	31			AC7SSB	(4 +142) SS BIAS CONTROL --- YAW	AACS		51162:33:003F	04-249/03:23:48	1ECa
1450	249 20:02:26	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1451	249 21:15:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9889					1DP
1452	249 21:45:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9890 (D/L ONLY)					1DP
1453	249 21:45:00	31				CFG CODES					1DP
1454	249 23:37:45	31	60 SET			15.1 DEGREE SET DSC-60					1V
1455	250 00:00:00	31				VGR-31 OWLT IS 12H 53M 47S					1L
1456	250 03:30:06	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1457	250 05:40:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9890					1DP
1458	250 07:29:39	31	10 SET			10.2 DEGREE SET DSC-10					1V
1459	250 12:00:00	31				VGR-31 OWLT IS 12H 53M 53S					1L
1460	250 12:25:48	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1461	250 12:32:59	31	40 SET			10.2 DEGREE SET DSC-40					1V
1462	250 19:58:32	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1463	250 21:10:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9891 (D/L ONLY)					1DP
1464	250 21:10:00	31				CFG CODES					1DP
1465	250 23:33:53	31	60 SET			15.1 DEGREE SET DSC-60					1V
1466	251 00:00:00	31				VGR-31 OWLT IS 12H 53M 59S					1L
1467	251 03:26:09	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1468	251 06:10:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9891					1DP
1469	251 07:25:42	31	10 SET			10.2 DEGREE SET DSC-10					1V
1470	251 10:43:16	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1482	251 10:48:16	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		51215:41:002F	04-250/21:54:12	1ECs
1483	251 10:48:17	31				B- DRCRUS			51215:41:018F	04-250/21:54:12	1TB
1484	251 10:48:17	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		51215:41:026F	04-250/21:54:13	1ECF
1485	251 10:49:04	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	51215:42:001F	04-250/21:54:59	1ESF
1486	251 10:49:04	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		51215:42:002F	04-250/21:54:59	1ECs
1487	251 10:49:04	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		51215:42:002F	04-250/21:55:00	1ECd
1488	251 10:49:04	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:1141	DTR		51215:42:002F	04-250/21:55:00	1ESd
1489	251 10:49:52	31			SC32AJ	(13) PLS CONFIG CMD	FDS		51215:43:009F	04-250/21:55:48	1ECf
1490	251 10:49:53	31				END PWSREC.31			51215:43:018F	04-250/21:55:48	1T
1491	251 12:00:00	31				VGR-31 OWLT IS 12H 54M 05S					1L
1492	251 12:21:54	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1493	251 12:29:05	31	40 SET			10.2 DEGREE SET DSC-40					1V
1494	251 15:35:00	31	65 AOS	OPCH	ACE	AOS DSS-65 PASS-9891 (D/L ONLY)					1DP
1495	251 15:35:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT 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	251 19:54:37	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1497	251 21:55:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9892 (D/L ONLY)					1DP
1498	251 21:55:00	31				CFG CODES					1DP
1499	251 22:15:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9891					1DP
1500	251 23:29:59	31	60 SET			15.1 DEGREE SET DSC-60					1V
1501	252 00:00:00	31				VGR-31 OWLT IS 12H 54M 11S					1L
1502	252 03:22:12	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1503	252 06:55:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9892					1DP
1504	252 07:21:45	31	10 SET			10.2 DEGREE SET DSC-10					1V
1505	252 12:00:00	31				VGR-31 OWLT IS 12H 54M 17S					1L
1506	252 12:17:59	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1507	252 12:25:10	31	40 SET			10.2 DEGREE SET DSC-40					1V
1508	252 15:25:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9892 (D/L ONLY)					1DP
1509	252 15:25:00	31				CFG CODES					1DP
1510	252 17:30:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9892					1DP
1511	252 18:45:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9892 (U/L PASS)					1DP
1512	252 19:14:09	31				B- GYONBC.31			51256:13:001F	04-252/06:19:47	1TB
1513	252 19:14:09	31				BEGIN GYONBC31			51256:13:001F	04-252/06:19:47	1T
1514	252 19:14:09	31			AC7GYP	(111) DRIRU PATTERN CONTROL GYRO/AXIS=B/PITCH C/YAW & ROLL	AACS		51256:13:003F	04-252/06:19:48	1ECa
1515	252 19:14:09	31			CC7GARP	GYRO A OFF	PWR		51256:13:004F	04-252/06:19:48	1ECp

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1516	252 19:14:09	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS		51256:13:004F	04-252/06:19:48	1ESa
1517	252 19:14:09	31			CC7GARP	GYRO A OFF	PWR		51256:13:006F	04-252/06:19:48	1ECp
1518	252 19:14:09	31			CC7PC	(352) GYRO A OFF	AACS		51256:13:008F	04-252/06:19:48	1ECa
1519	252 19:14:09	31			CC7GCP	GYRO C ON	PWR		51256:13:009F	04-252/06:19:48	1ECp
1520	252 19:14:09	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: ON	AACS		51256:13:009F	04-252/06:19:48	1ESa
1521	252 19:14:10	31			CC7GCP	GYRO C ON	PWR		51256:13:011F	04-252/06:19:48	1ECp
1522	252 19:14:10	31			CC7PC	(373) GYRO C ON	AACS		51256:13:013F	04-252/06:19:48	1ECa
1523	252 19:14:10	31			CC7GBP	GYRO B ON	PWR		51256:13:013F	04-252/06:19:48	1ECp
1524	252 19:14:10	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		51256:13:013F	04-252/06:19:48	1ESa
1525	252 19:14:10	31			CC7GBP	GYRO B ON	PWR		51256:13:016F	04-252/06:19:48	1ECp
1526	252 19:14:10	31			CC7PC	(363) GYRO B ON	AACS		51256:13:018F	04-252/06:19:48	1ECa
1527	252 19:14:38	31				DRIRU INITIALIZATION			51256:13:484F	04-252/06:20:16	1T
1528	252 19:14:39	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		51256:13:502F	04-252/06:20:18	1ECa
1529	252 19:15:08	31				SET CALIB			51256:14:184F	04-252/06:20:46	1T
1530	252 19:15:09	31			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		51256:14:204F	04-252/06:20:48	1ECa
1531	252 19:24:08	31				START GYRO FAULT TEST			51256:25:384F	04-252/06:29:46	1T

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1532	252 19:24:09	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		51256:25:402F	04-252/06:29:48	1ECa
1533	252 19:24:10	31				END GYONBC31			51256:25:418F	04-252/06:29:48	1T
1534	252 19:50:42	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1535	252 23:26:04	31	60 SET			15.1 DEGREE SET DSC-60					1V
1536	252 23:40:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9893 (D/L ONLY)					1DP
1537	252 23:40:00	31				CFG CODES					1DP
1538	253 00:00:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9892					1DP
1539	253 00:00:00	31				VGR-31 OWLT IS 12H 54M 23S					1L
1540	253 03:18:15	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1541	253 06:50:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9893					1DP
1542	253 07:17:49	31	10 SET			10.2 DEGREE SET DSC-10					1V
1543	253 12:00:00	31				VGR-31 OWLT IS 12H 54M 29S					1L
1544	253 12:14:05	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1545	253 12:21:16	31	40 SET			10.2 DEGREE SET DSC-40					1V
1546	253 16:50:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9893 (D/L ONLY)					1DP
1547	253 16:50:00	31				CFG CODES					1DP
1548	253 19:46:48	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1549	253 22:15:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9894 (D/L ONLY)					1DP
1550	253 22:15:00	31				CFG CODES					1DP
1551	253 22:45:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9893					1DP
1552	253 23:22:10	31	60 SET			15.1 DEGREE SET DSC-60					1V
1553	253 23:30:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9894 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1570	254 16:43:55	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1571	254 16:44:43	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
1572	254 16:44:43	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1573	254 16:46:31	31			CC16C	(7028) DTR STATE SELECT: READY	DTR		51313:08:002F	04-254/03:51:48	1ECd
1574	254 16:46:31	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:3251	DTR		51313:08:002F	04-254/03:51:48	1ESd
1575	254 16:47:19	31			SC32AJ	(10) PLS CONFIG CMD	FDS		51313:09:009F	04-254/03:52:36	1ECF
1576	254 16:47:20	31				AHEL11 PWSREC 22			51313:09:018F	04-254/03:52:36	1T
1577	254 16:47:20	31				B- PWSREC.31			51313:09:018F	04-254/03:52:36	1TB
1578	254 16:47:20	31				BEGIN PWSREC.31			51313:09:018F	04-254/03:52:36	1T
1579	254 16:48:07	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		51313:10:009F	04-254/03:53:24	1ECF
1580	254 16:48:08	31				B- DRGS4B			51313:10:018F	04-254/03:53:24	1TB
1581	254 16:48:51	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		51313:10:735F	04-254/03:54:08	1ECd
1582	254 16:48:51	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:3251	DTR		51313:10:735F	04-254/03:54:08	1ESd
1583	254 16:48:52	31				BEGIN RECORDING PWS DATA			51313:10:751F	04-254/03:54:08	1T

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1584	254 16:48:55	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	51313:11:001F	04-254/03:54:11	1ESf
1585	254 16:48:55	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		51313:11:002F	04-254/03:54:12	1ECs
1586	254 16:48:56	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		51313:11:026F	04-254/03:54:13	1ECf
1587	254 16:48:57	31				B- DRCRUS			51313:11:034F	04-254/03:54:13	1TB
1588	254 16:49:43	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	51313:12:001F	04-254/03:54:59	1ESf
1589	254 16:49:43	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		51313:12:002F	04-254/03:55:00	1ECs
1590	254 16:49:43	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		51313:12:002F	04-254/03:55:00	1ECd
1591	254 16:49:43	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:2958	DTR		51313:12:002F	04-254/03:55:00	1ESd
1592	254 16:50:31	31			SC32AJ	(13) PLS CONFIG CMD	FDS		51313:13:009F	04-254/03:55:48	1ECf
1593	254 16:50:33	31				END PWSREC.31			51313:13:034F	04-254/03:55:49	1T
1594	254 18:56:08	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		51315:50:002F	04-254/06:01:24	1ECd

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1595	254 18:56:08	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2952	DTR		51315:50:002F	04-254/06:01:24	1ESd
1596	254 19:42:53	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1597	254 20:19:40	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		51317:34:322F	04-254/07:24:55	1ECd
1598	254 20:19:40	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1147	DTR		51317:34:322F	04-254/07:24:55	1ESd
1599	254 20:55:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9894					1DP
1600	254 21:20:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9895 (D/L ONLY)					1DP
1601	254 21:20:00	31				CFG CODES					1DP
1602	254 21:56:10	31			CC16C	(7015) DTR STATE SELECT: READY	DTR		51319:35:002F	04-254/09:01:24	1ECd
1603	254 21:56:10	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:1147	DTR		51319:35:002F	04-254/09:01:24	1ESd
1604	254 23:18:18	31	60 SET			15.0 DEGREE SET DSC-60					1V
1605	255 00:00:00	31				VGR-31 OWLT IS 12H 54M 47S					1L
1606	255 03:10:21	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1607	255 06:45:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9895					1DP
1608	255 07:09:55	31	10 SET			10.2 DEGREE SET DSC-10					1V
1609	255 12:00:00	31				VGR-31 OWLT IS 12H 54M 53S					1L
1610	255 12:06:16	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1611	255 12:13:27	31	40 SET			10.2 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1612	255 15:20:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9895 (D/L ONLY)					1DP
1613	255 15:20:00	31				CFG CODES					1DP
1614	255 19:38:58	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1615	255 20:50:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9895					1DP
1616	255 22:10:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9896 (D/L ONLY)					1DP
1617	255 22:10:00	31				CFG CODES					1DP
1618	255 23:14:24	31	60 SET			15.0 DEGREE SET DSC-60					1V
1619	256 00:00:00	31				VGR-31 OWLT IS 12H 54M 59S					1L
1620	256 03:06:24	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1621	256 05:50:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9896					1DP
1622	256 07:05:59	31	10 SET			10.2 DEGREE SET DSC-10					1V
1623	256 12:00:00	31				VGR-31 OWLT IS 12H 55M 04S					1L
1624	256 12:02:22	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1625	256 12:09:33	31	40 SET			10.2 DEGREE SET DSC-40					1V
1626	256 15:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9896 (D/L ONLY)					1DP
1627	256 15:45:00	31				CFG CODES					1DP
1628	256 19:35:04	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1629	256 20:14:57	31				B- MISCMD			51377:28:001F	04-256/07:19:47	1TB
1630	256 20:14:57	31				MISCMD - GYRO INIT			51377:28:001F	04-256/07:19:47	1T
1631	256 20:14:57	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		51377:28:002F	04-256/07:19:48	1ECa
1632	256 22:15:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9897 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1633	256 22:15:00	31				CFG CODES					1DP
1634	256 22:35:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9896					1DP
1635	256 23:10:29	31	60 SET			15.0 DEGREE SET DSC-60					1V
1636	257 00:00:00	31				VGR-31 OWLT IS 12H 55M 10S					1L
1637	257 03:02:28	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1638	257 06:35:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9897					1DP
1639	257 07:02:02	31	10 SET			10.2 DEGREE SET DSC-10					1V
1640	257 11:58:28	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1641	257 12:00:00	31				VGR-31 OWLT IS 12H 55M 16S					1L
1642	257 12:05:39	31	40 SET			10.2 DEGREE SET DSC-40					1V
1643	257 15:30:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9897 (D/L ONLY)					1DP
1644	257 15:30:00	31				CFG CODES					1DP
1645	257 19:05:32	31			AC7SSB	(3 +016) SS BIAS CONTROL - PITCH	AACS		51406:01:003F	04-257/06:10:12	1ECa
1646	257 19:31:09	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1647	257 20:45:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9897					1DP
1648	257 23:06:35	31	60 SET			15.0 DEGREE SET DSC-60					1V
1649	258 00:00:00	31				VGR-31 OWLT IS 12H 55M 22S					1L
1650	258 00:25:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9898 (D/L ONLY)					1DP
1651	258 00:25:00	31				CFG CODES					1DP
1652	258 02:58:31	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1653	258 05:45:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9898					1DP
1654	258 06:58:06	31	10 SET			10.2 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1655	258 11:54:33	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1656	258 12:00:00	31				VGR-31 OWLT IS 12H 55M 28S					1L
1657	258 12:01:44	31	40 SET			10.2 DEGREE SET DSC-40					1V
1658	258 16:55:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9898 (D/L ONLY)					1DP
1659	258 16:55:00	31				CFG CODES					1DP
1660	258 19:27:15	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1661	258 21:59:09	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN D/L CARRIER SIG LEVEL					11EC
1662	258 22:00:09	31				B- XHIPWR.31			51439:39:001F	04-258/09:04:35	1TB
1663	258 22:00:09	31				BEGIN XHIPWR31			51439:39:001F	04-258/09:04:35	1T
1664	258 22:00:09	31			CC1TR	BAY 1 HTR OFF	PWR		51439:39:002F	04-258/09:04:36	1ECp
1665	258 22:04:09	31				X BAND HIGH POWER			51439:44:001F	04-258/09:08:35	1T
1666	258 22:04:09	31			DC2H	X-BAND TWT HIGH POWER	RFS		51439:44:002F	04-258/09:08:35	1ECr
1667	258 22:30:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9898					1DP
1668	258 22:30:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9899 (D/L ONLY)					1DP
1669	258 22:30:00	31				CFG CODES					1DP
1670	258 23:02:43	31	60 SET			15.0 DEGREE SET DSC-60					1V
1671	259 00:00:00	31				VGR-31 OWLT IS 12H 55M 34S					1L
1672	259 02:04:47	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
1673	259 02:04:47	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1674	259 02:04:59	31				BEGIN PMPCALLR			51444:45:001F	04-258/13:09:23	1T

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1675	259 02:08:59	31				B- DRRC5T			51444:50:001F	04-258/13:13:23	1TB
1676	259 02:08:59	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		51444:50:009F	04-258/13:13:24	1ECf
1677	259 02:09:47	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	51444:51:001F	04-258/13:14:11	1ESf
1678	259 02:09:47	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		51444:51:001F	04-258/13:14:11	1ECs
1679	259 02:16:11	31			SC06BY	(7) FDS PLS/MAG/PESCAL FLAG PLSCAL ENABLED MAGCAL ENABLED PESCAL ENABLED	FDS		51444:59:008F	04-258/13:20:36	1ECf
1680	259 02:16:59	31				BEGIN PLS/MAG/PESCAL			51445:00:001F	04-258/13:21:23	1T
1681	259 02:54:34	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1682	259 03:59:24	31				END PLSCAL			51447:08:001F	04-258/15:03:47	1T
1683	259 05:19:25	31				END MAGCAL			51448:48:001F	04-258/16:23:47	1T
1684	259 05:32:49	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1685	259 05:32:49	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
1686	259 05:37:01	31				END PESCAL			51449:10:001F	04-258/16:41:23	1T
1687	259 05:37:01	31				B- DRRCRUS			51449:10:001F	04-258/16:41:23	1TB

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1688	259 05:37:01	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		51449:10:010F	04-258/16:41:24	1ECf
1689	259 05:37:49	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	51449:11:001F	04-258/16:42:11	1ESf
1690	259 05:37:49	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		51449:11:002F	04-258/16:42:11	1ECs
1691	259 05:37:50	31				END PMPCALLR			51449:11:018F	04-258/16:42:12	1T
1692	259 06:25:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9899					1DP
1693	259 06:44:49	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1694	259 06:44:49	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
1695	259 06:45:37	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1696	259 06:45:37	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
1697	259 06:48:13	31				B- BASLIN.31			51450:39:001F	04-258/17:52:35	1TB
1698	259 06:48:13	31				BEGIN PWSREC.31			51450:39:001F	04-258/17:52:35	1T
1699	259 06:48:13	31				INITIATE PWSREC CYCLIC			51450:39:001F	04-258/17:52:35	1T
1700	259 06:48:13	31				PWSREC LOOPS=6D23H36M 52 TIMES			51450:39:001F	04-258/17:52:35	1T
1701	259 06:48:13	31			SC32AJ	(10) PLS CONFIG CMD	FDS		51450:39:009F	04-258/17:52:36	1ECf

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1702	259 06:49:01	31				B- DRGS4B			51450:40:001F	04-258/17:53:23	1TB
1703	259 06:49:01	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		51450:40:009F	04-258/17:53:24	1ECf
1704	259 06:49:45	31				BEGIN RECORDING PWS DATA			51450:40:734F	04-258/17:54:07	1T
1705	259 06:49:45	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		51450:40:735F	04-258/17:54:08	1ECd
1706	259 06:49:45	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:1147	DTR		51450:40:735F	04-258/17:54:08	1ESd
1707	259 06:49:49	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	51450:41:001F	04-258/17:54:11	1ESf
1708	259 06:49:49	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		51450:41:002F	04-258/17:54:12	1ECs
1709	259 06:49:50	31				B- DRCRUS			51450:41:018F	04-258/17:54:12	1TB
1710	259 06:49:50	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		51450:41:026F	04-258/17:54:13	1ECf
1711	259 06:50:37	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	51450:42:001F	04-258/17:54:59	1ESf
1712	259 06:50:37	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		51450:42:002F	04-258/17:55:00	1ECd

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1713	259 06:50:37	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:1440	DTR		51450:42:002F	04-258/17:55:00	1ESd
1714	259 06:50:37	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		51450:42:002F	04-258/17:55:00	1ECs
1715	259 06:51:25	31			SC32AJ	(13) PLS CONFIG CMD	FDS		51450:43:010F	04-258/17:55:48	1ECF
1716	259 06:51:26	31				END PWSREC.31			51450:43:018F	04-258/17:55:48	1T
1717	259 06:54:10	31	10 SET			10.2 DEGREE SET DSC-10					1V
1718	259 11:50:39	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1719	259 11:57:50	31	40 SET			10.2 DEGREE SET DSC-40					1V
1720	259 12:00:00	31				VGR-31 OWLT IS 12H 55M 40S					1L
1721	259 16:15:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9899 (U/L PASS)					1DP
1722	259 16:27:18	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
1723	259 16:27:18	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
1724	259 16:30:42	31				B- MAGROLBC.31			51462:47:001F	04-259/03:34:59	1TB
1725	259 16:30:42	31				BEGIN MAGROLBC31			51462:47:001F	04-259/03:34:59	1T
1726	259 16:30:42	31				B- YAW10			51462:47:001F	04-259/03:34:59	1TB
1727	259 16:30:42	31				YAW10			51462:47:001F	04-259/03:34:59	1T
1728	259 16:30:42	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		51462:47:004F	04-259/03:35:00	1ECa
1729	259 16:31:31	31				B- DR5T			51462:48:018F	04-259/03:35:48	1TB

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1730	259 16:31:31	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		51462:48:026F	04-259/03:35:49	1ECf
1731	259 16:32:18	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	51462:49:001F	04-259/03:36:35	1ESf
1732	259 16:32:18	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		51462:49:002F	04-259/03:36:36	1ECs
1733	259 16:38:43	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR COMMANDED TURN D/L AGC VARIATIONS EXPECTED					11EC
1734	259 16:40:43	31			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		51462:59:419F	04-259/03:45:01	1ECa
1735	259 16:40:43	31				AACS STATUS MODE : AAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		51462:59:419F	04-259/03:45:01	1ESa
1736	259 16:40:43	31			CC7GARP	GYRO A OFF	PWR		51462:59:420F	04-259/03:45:01	1ECp
1737	259 16:40:43	31			CC7GARP	GYRO A OFF	PWR		51462:59:422F	04-259/03:45:01	1ECp
1738	259 16:40:43	31			CC7PC	(352) GYRO A OFF	AACS		51462:59:424F	04-259/03:45:01	1ECa
1739	259 16:40:43	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		51462:59:425F	04-259/03:45:01	1ECp
1740	259 16:40:43	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		51462:59:427F	04-259/03:45:01	1ECp
1741	259 16:40:44	31			CC7PC	(312) DUMMY PWR CMD	AACS		51462:59:429F	04-259/03:45:01	1ECa
1742	259 16:43:43	31			AC7TCD	(322 033478) TURN COMMAND AXIS=ROLL POL=NEG RNG SCALE=X10	AACS		51463:03:220F	04-259/03:48:01	1ECa
1743	259 19:23:21	31	10RISE			10.2 DEGREE RISE DSC-10					1V

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1744	259 19:50:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9900 (D/L ONLY)					1DP
1745	259 19:50:00	31				CFG CODES					1DP
1746	259 21:11:57	31			SC32AJ	(10) PLS CONFIG CMD	FDS		51468:38:426F	04-259/08:16:13	1ECF
1747	259 21:45:29	31			SC32AJ	(11) PLS CONFIG CMD	FDS		51469:20:342F	04-259/08:49:44	1ECF
1748	259 22:20:33	31				ROLL TURN COMPLETE (NOMINAL)			51470:04:201F	04-259/09:24:47	1T
1749	259 22:20:33	31			CC7PC	(345) CMDED TURN COMPLETE	AACS		51470:04:200F	04-259/09:24:47	1ECa
1750	259 22:22:46	31			SC32AJ	(13) PLS CONFIG CMD	FDS		51470:07:026F	04-259/09:27:01	1ECF
1751	259 22:31:46	31				RESET CALIB			51470:18:218F	04-259/09:36:00	1T
1752	259 22:31:46	31			AC7PAR	(7530 000000) PARAMETER LOAD	AACS		51470:18:220F	04-259/09:36:01	1ECa
1753	259 22:32:16	31			CC7SS	(1) SS SEARCH ENABLE	AACS		51470:18:719F	04-259/09:36:31	1ECa
1754	259 22:32:16	31				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS	51470:18:719F	04-259/09:36:31	1ESa	
1755	259 22:32:16	31			CC7PC	(327) IDET ACQUIRED	AACS		51470:18:719F	04-259/09:36:31	1ECa
1756	259 22:32:16	31			CC7GARP	GYRO A OFF	PWR		51470:18:720F	04-259/09:36:31	1ECp
1757	259 22:32:16	31			CC7GARP	GYRO A OFF	PWR		51470:18:722F	04-259/09:36:31	1ECp
1758	259 22:32:16	31			CC7PC	(352) GYRO A OFF	AACS		51470:18:724F	04-259/09:36:31	1ECa
1759	259 22:32:16	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		51470:18:725F	04-259/09:36:31	1ECp
1760	259 22:32:16	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		51470:18:727F	04-259/09:36:31	1ECp
1761	259 22:32:17	31			CC7PC	(312) DUMMY PWR CMD	AACS		51470:18:729F	04-259/09:36:31	1ECa
1762	259 22:38:16	31			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		51470:26:319F	04-259/09:42:31	1ECa
1763	259 22:39:21	31				GYROS OFF			51470:27:601F	04-259/09:43:35	1T

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1764	259 22:39:21	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		51470:27:602F	04-259/09:43:36	1ESa
1765	259 22:39:21	31			CC7PC	(307) STAR ACQUIRED	AACS		51470:27:602F	04-259/09:43:36	1ECa
1766	259 22:39:21	31			CC7GCRP	GYRO C OFF	PWR		51470:27:603F	04-259/09:43:36	1ECp
1767	259 22:39:21	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		51470:27:603F	04-259/09:43:36	1ESa
1768	259 22:39:21	31			CC7GCRP	GYRO C OFF	PWR		51470:27:605F	04-259/09:43:36	1ECp
1769	259 22:39:21	31			CC7PC	(372) GYRO C OFF	AACS		51470:27:607F	04-259/09:43:36	1ECa
1770	259 22:39:21	31			CC7GBRP	GYRO B OFF	PWR		51470:27:608F	04-259/09:43:36	1ECp
1771	259 22:39:21	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS		51470:27:608F	04-259/09:43:36	1ESa
1772	259 22:39:21	31			CC7GBRP	GYRO B OFF	PWR		51470:27:610F	04-259/09:43:36	1ECp
1773	259 22:39:22	31			CC7PC	(362) GYRO B OFF	AACS		51470:27:612F	04-259/09:43:36	1ECa
1774	259 22:39:22	31			CC7GARP	GYRO A OFF	PWR		51470:27:613F	04-259/09:43:36	1ECp
1775	259 22:39:22	31			CC7GARP	GYRO A OFF	PWR		51470:27:615F	04-259/09:43:36	1ECp
1776	259 22:39:22	31			CC7PC	(352) GYRO A OFF	AACS		51470:27:617F	04-259/09:43:36	1ECa
1777	259 22:39:22	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		51470:27:617F	04-259/09:43:36	1ECp
1778	259 22:39:22	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		51470:27:619F	04-259/09:43:37	1ECp
1779	259 22:39:22	31			CC7PC	(312) DUMMY PWR CMD	AACS		51470:27:622F	04-259/09:43:37	1ECa

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1780	259 22:46:33	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1781	259 22:46:33	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
1782	259 22:47:46	31				B- YAWDB			51470:38:218F	04-259/09:52:00	1TB
1783	259 22:47:46	31				YAWDB - .10			51470:38:218F	04-259/09:52:00	1T
1784	259 22:47:46	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		51470:38:221F	04-259/09:52:01	1ECa
1785	259 22:50:46	31				B- DRCRUS			51470:42:018F	04-259/09:55:00	1TB
1786	259 22:50:46	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		51470:42:026F	04-259/09:55:01	1ECf
1787	259 22:51:33	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	51470:43:001F	04-259/09:55:47	1ESf
1788	259 22:51:33	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		51470:43:002F	04-259/09:55:47	1ECs
1789	259 22:51:34	31				END MAGROLBC31			51470:43:018F	04-259/09:55:48	1T
1790	259 22:55:21	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR CHG IN D/L CARRIER SIG LEVEL					11EC
1791	259 22:58:48	31	60 SET			15.0 DEGREE SET DSC-60					1V
1792	259 23:00:21	31				X BAND LOW POWER			51470:54:001F	04-259/10:04:35	1T
1793	259 23:00:21	31			DC2HR	X-BAND TWT LOW POWER	RFS		51470:54:002F	04-259/10:04:35	1ECr
1794	259 23:04:21	31			CC1T	BAY 1 HTR ON	PWR		51470:59:002F	04-259/10:08:36	1ECp

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1795	259 23:04:22	31				END XHIPWR31			51470:59:018F	04-259/10:08:36	1T
1796	259 23:30:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9899					1DP
1797	260 00:00:00	31				VGR-31 OWLT IS 12H 55M 46S					1L
1798	260 02:50:38	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1799	260 06:20:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9900					1DP
1800	260 06:50:13	31	10 SET			10.2 DEGREE SET DSC-10					1V
1801	260 11:46:45	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1802	260 11:53:56	31	40 SET			10.2 DEGREE SET DSC-40					1V
1803	260 12:00:00	31				VGR-31 OWLT IS 12H 55M 52S					1L
1804	260 18:20:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9900 (D/L ONLY)					1DP
1805	260 18:20:00	31				CFG CODES					1DP
1806	260 19:19:26	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1807	260 22:20:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9900					1DP
1808	260 22:54:54	31	60 SET			15.0 DEGREE SET DSC-60					1V
1809	260 23:30:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9901 (D/L ONLY)					1DP
1810	260 23:30:00	31				CFG CODES					1DP
1811	261 00:00:00	31				VGR-31 OWLT IS 12H 55M 58S					1L
1812	261 01:02:10	31			AC7SSB	(4 +143) SS BIAS CONTROL --- YAW	AACS		51503:26:003F	04-260/12:06:12	1ECa
1813	261 02:46:41	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1814	261 06:15:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9901					1DP
1815	261 06:46:17	31	10 SET			10.2 DEGREE SET DSC-10					1V
1816	261 11:42:51	31	60RISE			10.2 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1817	261 11:50:02	31	40 SET			10.2 DEGREE SET DSC-40					1V
1818	261 12:00:00	31				VGR-31 OWLT IS 12H 56M 03S					1L
1819	261 14:30:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9901 (D/L ONLY)					1DP
1820	261 14:30:00	31				CFG CODES					1DP
1821	261 19:15:32	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1822	261 20:30:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9901					1DP
1823	261 21:00:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9902 (D/L ONLY)					1DP
1824	261 21:00:00	31				CFG CODES					1DP
1825	261 22:51:02	31	60 SET			15.0 DEGREE SET DSC-60					1V
1826	262 00:00:00	31				VGR-31 OWLT IS 12H 56M 09S					1L
1827	262 02:42:45	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1828	262 06:15:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9902					1DP
1829	262 06:42:21	31	10 SET			10.2 DEGREE SET DSC-10					1V
1830	262 09:48:02	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		51544:23:002F	04-261/20:51:48	1ECd
1831	262 09:48:02	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1446	DTR		51544:23:002F	04-261/20:51:48	1ESd
1832	262 10:57:44	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		51545:50:085F	04-261/22:01:29	1ECd
1833	262 10:57:44	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2952	DTR		51545:50:085F	04-261/22:01:29	1ESd
1834	262 11:38:57	31	60RISE			10.2 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1835	262 11:46:08	31	40	SET		10.2 DEGREE SET DSC-40					1V
1836	262 12:00:00	31				VGR-31 OWLT IS 12H 56M 15S					1L
1837	262 12:45:28	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1838	262 12:45:28	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1839	262 12:46:16	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1840	262 12:46:16	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
1841	262 12:48:04	31			CC16C	(7028) DTR STATE SELECT: READY	DTR		51548:08:002F	04-261/23:51:48	1ECd
1842	262 12:48:04	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:2952	DTR		51548:08:002F	04-261/23:51:48	1ESd
1843	262 12:48:52	31			SC32AJ	(10) PLS CONFIG CMD	FDS		51548:09:009F	04-261/23:52:36	1ECf
1844	262 12:48:53	31				AHELII PWSREC 23			51548:09:018F	04-261/23:52:36	1T
1845	262 12:48:53	31				B- PWSREC.31			51548:09:018F	04-261/23:52:36	1TB
1846	262 12:48:53	31				BEGIN PWSREC.31			51548:09:018F	04-261/23:52:36	1T
1847	262 12:49:40	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		51548:10:009F	04-261/23:53:24	1ECf
1848	262 12:49:41	31				B- DRGS4B			51548:10:018F	04-261/23:53:24	1TB
1849	262 12:50:24	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		51548:10:735F	04-261/23:54:08	1ECd

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1850	262 12:50:24	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:2952	DTR		51548:10:735F	04-261/23:54:08	1ESd
1851	262 12:50:25	31				BEGIN RECORDING PWS DATA			51548:10:751F	04-261/23:54:08	1T
1852	262 12:50:28	31		ACE	OPCH	FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	51548:11:001F	04-261/23:54:11	1ESf
1853	262 12:50:28	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		51548:11:002F	04-261/23:54:12	1ECs
1854	262 12:50:29	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		51548:11:026F	04-261/23:54:13	1ECf
1855	262 12:50:30	31				B- DRCRUS			51548:11:034F	04-261/23:54:13	1TB
1856	262 12:51:16	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	51548:12:001F	04-261/23:54:59	1ESf
1857	262 12:51:16	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		51548:12:002F	04-261/23:55:00	1ECd
1858	262 12:51:16	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:2659	DTR		51548:12:002F	04-261/23:55:00	1ESd

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1859	262 12:51:16	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		51548:12:002F	04-261/23:55:00	1ECs
1860	262 12:52:04	31			SC32AJ	(13) PLS CONFIG CMD	FDS		51548:13:009F	04-261/23:55:48	1ECF
1861	262 12:52:06	31				END PWSREC.31			51548:13:034F	04-261/23:55:49	1T
1862	262 14:25:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9902 (D/L ONLY)					1DP
1863	262 14:25:00	31				CFG CODES					1DP
1864	262 14:57:41	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		51550:50:002F	04-262/02:01:24	1ECd
1865	262 14:57:41	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2653	DTR		51550:50:002F	04-262/02:01:24	1ESd
1866	262 15:53:31	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		51551:59:642F	04-262/02:57:14	1ECd
1867	262 15:53:31	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1446	DTR		51551:59:642F	04-262/02:57:14	1ESd
1868	262 17:57:42	31			CC16C	(7015) DTR STATE SELECT: READY	DTR		51554:35:002F	04-262/05:01:24	1ECd
1869	262 17:57:42	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:1446	DTR		51554:35:002F	04-262/05:01:24	1ESd
1870	262 19:11:38	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1871	262 20:25:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9902					1DP
1872	262 21:00:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9903 (D/L ONLY)					1DP
1873	262 21:00:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1874	262 22:47:08	31	60 SET			15.0 DEGREE SET DSC-60					1V
1875	263 00:00:00	31				VGR-31 OWLT IS 12H 56M 21S					1L
1876	263 02:38:48	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1877	263 05:20:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9903					1DP
1878	263 06:38:24	31	10 SET			10.2 DEGREE SET DSC-10					1V
1879	263 11:35:03	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1880	263 11:42:14	31	40 SET			10.2 DEGREE SET DSC-40					1V
1881	263 12:00:00	31				VGR-31 OWLT IS 12H 56M 27S					1L
1882	263 18:00:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9903 (D/L ONLY)					1DP
1883	263 18:00:00	31				CFG CODES					1DP
1884	263 19:07:44	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1885	263 22:10:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9903					1DP
1886	263 22:43:16	31	60 SET			15.0 DEGREE SET DSC-60					1V
1887	263 23:10:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9904 (D/L ONLY)					1DP
1888	263 23:10:00	31				CFG CODES					1DP
1889	264 00:00:00	31				VGR-31 OWLT IS 12H 56M 33S					1L
1890	264 02:34:52	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1891	264 05:15:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9904					1DP
1892	264 06:34:28	31	10 SET			10.2 DEGREE SET DSC-10					1V
1893	264 11:31:09	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1894	264 11:38:20	31	40 SET			10.2 DEGREE SET DSC-40					1V
1895	264 12:00:00	31				VGR-31 OWLT IS 12H 56M 39S					1L

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1896	264 17:00:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9904 (D/L ONLY)					1DP
1897	264 17:00:00	31				CFG CODES					1DP
1898	264 19:03:49	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1899	264 22:05:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9904					1DP
1900	264 22:39:21	31	60 SET			15.0 DEGREE SET DSC-60					1V
1901	265 00:00:00	31				VGR-31 OWLT IS 12H 56M 44S					1L
1902	265 00:20:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9905 (D/L ONLY)					1DP
1903	265 00:20:00	31				CFG CODES					1DP
1904	265 02:30:55	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1905	265 05:10:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9905					1DP
1906	265 06:30:32	31	10 SET			10.2 DEGREE SET DSC-10					1V
1907	265 11:27:15	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1908	265 11:34:26	31	40 SET			10.2 DEGREE SET DSC-40					1V
1909	265 12:00:00	31				VGR-31 OWLT IS 12H 56M 50S					1L
1910	265 16:50:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9905 (D/L ONLY)					1DP
1911	265 16:50:00	31				CFG CODES					1DP
1912	265 18:59:55	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1913	265 20:15:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9905					1DP
1914	265 22:35:29	31	60 SET			14.9 DEGREE SET DSC-60					1V
1915	265 23:10:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9906 (D/L ONLY)					1DP
1916	265 23:10:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1917	266 00:00:00	31				VGR-31 OWLT IS 12H 56M 56S					1L
1918	266 02:26:59	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1919	266 06:00:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9906					1DP
1920	266 06:22:11	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1921	266 06:22:11	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1922	266 06:22:59	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1923	266 06:22:59	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1924	266 06:25:35	31				BEGIN PWSREC.31			51660:09:001F	04-265/17:28:35	1T
1925	266 06:25:35	31			SC32AJ	(10) PLS CONFIG CMD	FDS		51660:09:010F	04-265/17:28:36	1ECf
1926	266 06:26:23	31				B- DRGS4B			51660:10:001F	04-265/17:29:23	1TB
1927	266 06:26:23	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		51660:10:009F	04-265/17:29:24	1ECf
1928	266 06:26:36	31	10 SET			10.2 DEGREE SET DSC-10					1V
1929	266 06:27:07	31				BEGIN RECORDING PWS DATA			51660:10:734F	04-265/17:30:07	1T
1930	266 06:27:07	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		51660:10:735F	04-265/17:30:08	1ECd
1931	266 06:27:07	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:1446	DTR		51660:10:735F	04-265/17:30:08	1ESd

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1932	266 06:27:11	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	51660:11:001F	04-265/17:30:11	1ESf
1933	266 06:27:11	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		51660:11:002F	04-265/17:30:12	1ECs
1934	266 06:27:12	31				B- DRCRUS			51660:11:018F	04-265/17:30:12	1TB
1935	266 06:27:12	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		51660:11:026F	04-265/17:30:13	1ECf
1936	266 06:27:59	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	51660:12:001F	04-265/17:30:59	1ESf
1937	266 06:27:59	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		51660:12:002F	04-265/17:31:00	1ECd
1938	266 06:27:59	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:1739	DTR		51660:12:002F	04-265/17:31:00	1ESd
1939	266 06:27:59	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		51660:12:002F	04-265/17:31:00	1ECs
1940	266 06:28:47	31			SC32AJ	(13) PLS CONFIG CMD	FDS		51660:13:010F	04-265/17:31:48	1ECf
1941	266 06:28:48	31				END PWSREC.31			51660:13:018F	04-265/17:31:48	1T
1942	266 11:23:21	31	60RISE			10.2 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1943	266 11:30:32	31	40 SET			10.2 DEGREE SET DSC-40					1V
1944	266 12:00:00	31				VGR-31 OWLT IS 12H 57M 02S					1L
1945	266 17:50:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9906 (U/L PASS)					1DP
1946	266 18:56:01	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1947	266 21:50:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9906					1DP
1948	266 22:31:35	31	60 SET			14.9 DEGREE SET DSC-60					1V
1949	266 23:13:43	31			AC7SSB	(4 +144) SS BIAS CONTROL --- YAW	AACS		51681:09:003F	04-266/10:16:36	1ECa
1950	266 23:30:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9907 (D/L ONLY)					1DP
1951	266 23:30:00	31				CFG CODES					1DP
1952	267 00:00:00	31				VGR-31 OWLT IS 12H 57M 08S					1L
1953	267 02:23:03	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1954	267 05:05:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9907					1DP
1955	267 06:22:40	31	10 SET			10.2 DEGREE SET DSC-10					1V
1956	267 11:19:27	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1957	267 11:26:39	31	40 SET			10.2 DEGREE SET DSC-40					1V
1958	267 12:00:00	31				VGR-31 OWLT IS 12H 57M 13S					1L
1959	267 17:50:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9907 (D/L ONLY)					1DP
1960	267 17:50:00	31				CFG CODES					1DP
1961	267 18:52:07	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1962	267 20:30:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9908 (D/L ONLY)					1DP
1963	267 20:30:00	31				CFG CODES					1DP
1964	267 20:50:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9907					1DP

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1965	267 22:27:43	31	60 SET			14.9 DEGREE SET DSC-60					1V
1966	268 00:00:00	31				VGR-31 OWLT IS 12H 57M 19S					1L
1967	268 02:19:07	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1968	268 05:00:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9908					1DP
1969	268 06:18:44	31	10 SET			10.2 DEGREE SET DSC-10					1V
1970	268 11:15:34	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1971	268 11:22:45	31	40 SET			10.2 DEGREE SET DSC-40					1V
1972	268 12:00:00	31				VGR-31 OWLT IS 12H 57M 25S					1L
1973	268 17:10:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9908 (D/L ONLY)					1DP
1974	268 17:10:00	31				CFG CODES					1DP
1975	268 18:48:13	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1976	268 21:50:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9908					1DP
1977	268 22:23:48	31	60 SET			14.9 DEGREE SET DSC-60					1V
1978	268 23:00:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9909 (D/L ONLY)					1DP
1979	268 23:00:00	31				CFG CODES					1DP
1980	269 00:00:00	31				VGR-31 OWLT IS 12H 57M 31S					1L
1981	269 02:15:10	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1982	269 05:35:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9909					1DP
1983	269 06:14:48	31	10 SET			10.2 DEGREE SET DSC-10					1V
1984	269 09:25:23	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		51753:53:002F	04-268/20:27:48	1ECd

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1985	269 09:25:23	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1745	DTR		51753:53:002F	04-268/20:27:48	1ESd
1986	269 10:07:23	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		51754:45:400F	04-268/21:09:47	1ECd
1987	269 10:07:23	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2653	DTR		51754:45:400F	04-268/21:09:47	1ESd
1988	269 11:11:39	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1989	269 11:18:51	31	40 SET			10.2 DEGREE SET DSC-40					1V
1990	269 12:00:00	31				VGR-31 OWLT IS 12H 57M 36S					1L
1991	269 12:22:49	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1992	269 12:22:49	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
1993	269 12:23:37	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1994	269 12:23:37	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
1995	269 12:25:25	31			CC16C	(7028) DTR STATE SELECT: READY	DTR		51757:38:002F	04-268/23:27:48	1ECd
1996	269 12:25:25	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:2653	DTR		51757:38:002F	04-268/23:27:48	1ESd
1997	269 12:26:13	31			SC32AJ	(10) PLS CONFIG CMD	FDS		51757:39:009F	04-268/23:28:36	1ECf

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1998	269 12:26:14	31				AHEL11 PWSREC 24			51757:39:018F	04-268/23:28:36	1T
1999	269 12:26:14	31				B- PWSREC.31			51757:39:018F	04-268/23:28:36	1TB
2000	269 12:26:14	31				BEGIN PWSREC.31			51757:39:018F	04-268/23:28:36	1T
2001	269 12:27:01	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		51757:40:009F	04-268/23:29:24	1ECf
2002	269 12:27:02	31				B- DRGS4B			51757:40:018F	04-268/23:29:24	1TB
2003	269 12:27:45	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		51757:40:735F	04-268/23:30:08	1ECd
2004	269 12:27:45	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:2653	DTR		51757:40:735F	04-268/23:30:08	1ESd
2005	269 12:27:46	31				BEGIN RECORDING PWS DATA			51757:40:751F	04-268/23:30:08	1T
2006	269 12:27:49	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	51757:41:001F	04-268/23:30:11	1ESf
2007	269 12:27:49	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		51757:41:002F	04-268/23:30:12	1ECs
2008	269 12:27:50	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		51757:41:026F	04-268/23:30:13	1ECf
2009	269 12:27:51	31				B- DRCRUS			51757:41:034F	04-268/23:30:13	1TB

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2010	269 12:28:37	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	51757:42:001F	04-268/23:30:59	1ESf
2011	269 12:28:37	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		51757:42:002F	04-268/23:31:00	1ECd
2012	269 12:28:37	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:2360	DTR		51757:42:002F	04-268/23:31:00	1ESd
2013	269 12:28:37	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		51757:42:002F	04-268/23:31:00	1ECs
2014	269 12:29:25	31			SC32AJ	(13) PLS CONFIG CMD	FDS		51757:43:009F	04-268/23:31:48	1ECf
2015	269 12:29:27	31				END PWSREC.31			51757:43:034F	04-268/23:31:49	1T
2016	269 13:05:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9909 (D/L ONLY)					1DP
2017	269 13:05:00	31				CFG CODES					1DP
2018	269 14:35:02	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		51760:20:002F	04-269/01:37:24	1ECd
2019	269 14:35:02	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2354	DTR		51760:20:002F	04-269/01:37:24	1ESd
2020	269 15:03:11	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		51760:55:157F	04-269/02:05:33	1ECd
2021	269 15:03:11	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1745	DTR		51760:55:157F	04-269/02:05:33	1ESd
2022	269 17:35:03	31			CC16C	(7015) DTR STATE SELECT: READY	DTR		51764:05:002F	04-269/04:37:24	1ECd

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2023	269 17:35:03	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:1745	DTR		51764:05:002F	04-269/04:37:24	1ESd
2024	269 18:44:19	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2025	269 20:20:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9910 (D/L ONLY)					1DP
2026	269 20:20:00	31				CFG CODES					1DP
2027	269 20:40:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9909					1DP
2028	269 22:19:54	31	60 SET			14.9 DEGREE SET DSC-60					1V
2029	270 00:00:00	31				VGR-31 OWLT IS 12H 57M 42S					1L
2030	270 02:11:14	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2031	270 05:30:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9910					1DP
2032	270 06:10:52	31	10 SET			10.2 DEGREE SET DSC-10					1V
2033	270 10:52:47	31			AC7SSB	(3 +017) SS BIAS CONTROL - PITCH	AACS		51785:42:002F	04-269/21:55:00	1ECa
2034	270 11:07:46	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2035	270 11:14:57	31	40 SET			10.2 DEGREE SET DSC-40					1V
2036	270 12:00:00	31				VGR-31 OWLT IS 12H 57M 48S					1L
2037	270 18:00:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9910 (D/L ONLY)					1DP
2038	270 18:00:00	31				CFG CODES					1DP
2039	270 18:40:25	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2040	270 22:16:02	31	60 SET			14.9 DEGREE SET DSC-60					1V
2041	270 22:30:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9911 (D/L ONLY)					1DP
2042	270 22:30:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2043	270 22:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9910					1DP
2044	271 00:00:00	31				VGR-31 OWLT IS 12H 57M 54S					1L
2045	271 02:07:18	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2046	271 04:30:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9911					1DP
2047	271 06:06:56	31	10 SET			10.2 DEGREE SET DSC-10					1V
2048	271 11:03:52	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2049	271 11:11:03	31	40 SET			10.2 DEGREE SET DSC-40					1V
2050	271 12:00:00	31				VGR-31 OWLT IS 12H 57M 59S					1L
2051	271 15:15:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9911 (D/L ONLY)					1DP
2052	271 15:15:00	31				CFG CODES					1DP
2053	271 18:36:31	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2054	271 20:30:39	31			AC7SSB	(4 +145) SS BIAS CONTROL --- YAW	AACS		51827:44:003F	04-271/07:32:36	1ECa
2055	271 21:15:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9912 (D/L ONLY)					1DP
2056	271 21:15:00	31				CFG CODES					1DP
2057	271 21:25:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9911					1DP
2058	271 22:12:08	31	60 SET			14.9 DEGREE SET DSC-60					1V
2059	272 00:00:00	31				VGR-31 OWLT IS 12H 58M 05S					1L
2060	272 02:03:22	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2061	272 05:15:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9912					1DP
2062	272 06:03:00	31	10 SET			10.2 DEGREE SET DSC-10					1V
2063	272 10:59:58	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2064	272 11:07:09	31	40 SET			10.2 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2065	272 12:00:00	31				VGR-31 OWLT IS 12H 58M 11S					1L
2066	272 18:10:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9912 (U/L PASS)					1DP
2067	272 18:32:37	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2068	272 21:35:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9912					1DP
2069	272 22:08:16	31	60 SET			14.9 DEGREE SET DSC-60					1V
2070	272 23:30:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9913 (D/L ONLY)					1DP
2071	272 23:30:00	31				CFG CODES					1DP
2072	273 00:00:00	31				VGR-31 OWLT IS 12H 58M 16S					1L
2073	273 01:00:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9913 (D/L ONLY)					1DP
2074	273 01:00:00	31				CFG CODES					1DP
2075	273 01:20:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9913					1DP
2076	273 01:59:26	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2077	273 05:15:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9913					1DP
2078	273 05:59:04	31	10 SET			10.2 DEGREE SET DSC-10					1V
2079	273 05:59:31	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2080	273 05:59:31	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2081	273 06:00:19	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2082	273 06:00:19	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2083	273 06:02:55	31				BEGIN PWSREC.31			51869:39:001F	04-272/17:04:35	1T
2084	273 06:02:55	31			SC32AJ	(10) PLS CONFIG CMD	FDS		51869:39:009F	04-272/17:04:36	1ECf
2085	273 06:03:43	31				B- DRGS4B			51869:40:001F	04-272/17:05:23	1TB
2086	273 06:03:43	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		51869:40:009F	04-272/17:05:24	1ECf
2087	273 06:04:27	31				BEGIN RECORDING PWS DATA			51869:40:734F	04-272/17:06:07	1T
2088	273 06:04:27	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		51869:40:735F	04-272/17:06:08	1ECd
2089	273 06:04:27	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:1745	DTR		51869:40:735F	04-272/17:06:08	1ESd
2090	273 06:04:31	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	51869:41:001F	04-272/17:06:11	1ESf
2091	273 06:04:31	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		51869:41:002F	04-272/17:06:12	1ECs
2092	273 06:04:32	31				B- DRCRUS			51869:41:018F	04-272/17:06:12	1TB
2093	273 06:04:32	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		51869:41:026F	04-272/17:06:13	1ECf

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2094	273 06:05:19	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	51869:42:001F	04-272/17:06:59	1ESf
2095	273 06:05:19	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		51869:42:002F	04-272/17:07:00	1ECd
2096	273 06:05:19	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2038	DTR		51869:42:002F	04-272/17:07:00	1ESd
2097	273 06:05:19	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		51869:42:002F	04-272/17:07:00	1ECs
2098	273 06:06:07	31			SC32AJ	(13) PLS CONFIG CMD	FDS		51869:43:010F	04-272/17:07:48	1ECf
2099	273 06:06:08	31				END PWSREC.31			51869:43:018F	04-272/17:07:48	1T
2100	273 10:56:05	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2101	273 11:03:16	31	40 SET			10.2 DEGREE SET DSC-40					1V
2102	273 12:00:00	31				VGR-31 OWLT IS 12H 58M 22S					1L
2103	273 17:40:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9913 (D/L ONLY)					1DP
2104	273 17:40:00	31				CFG CODES					1DP
2105	273 18:28:43	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2106	273 21:15:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9913					1DP
2107	273 21:15:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9914 (D/L ONLY)					1DP
2108	273 21:15:00	31				CFG CODES					1DP
2109	273 22:04:24	31	60 SET			14.9 DEGREE SET DSC-60					1V
2110	274 00:00:00	31				VGR-31 OWLT IS 12H 58M 28S					1L

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2111	274 01:55:30	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2112	274 04:15:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9914					1DP
2113	274 05:55:08	31	10 SET			10.2 DEGREE SET DSC-10					1V
2114	274 10:52:11	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2115	274 10:59:22	31	40 SET			10.2 DEGREE SET DSC-40					1V
2116	274 12:00:00	31				VGR-31 OWLT IS 12H 58M 33S					1L
2117	274 15:05:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9914 (D/L ONLY)					1DP
2118	274 15:05:00	31				CFG CODES					1DP
2119	274 18:24:50	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2120	274 21:15:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9914					1DP
2121	274 21:15:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9915 (D/L ONLY)					1DP
2122	274 21:15:00	31				CFG CODES					1DP
2123	274 22:00:29	31	60 SET			14.9 DEGREE SET DSC-60					1V
2124	275 00:00:00	31				VGR-31 OWLT IS 12H 58M 39S					1L
2125	275 01:51:34	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2126	275 04:10:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9915					1DP
2127	275 05:51:13	31	10 SET			10.2 DEGREE SET DSC-10					1V
2128	275 10:48:18	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2129	275 10:55:29	31	40 SET			10.2 DEGREE SET DSC-40					1V
2130	275 12:00:00	31				VGR-31 OWLT IS 12H 58M 44S					1L
2131	275 14:20:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9915 (D/L ONLY)					1DP
2132	275 14:20:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2133	275 18:20:56	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2134	275 18:50:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9915					1DP
2135	275 21:56:37	31	60 SET			14.9 DEGREE SET DSC-60					1V
2136	275 22:10:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9916 (D/L ONLY)					1DP
2137	275 22:10:00	31				CFG CODES					1DP
2138	276 00:00:00	31				VGR-31 OWLT IS 12H 58M 50S					1L
2139	276 01:47:38	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2140	276 04:10:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9916					1DP
2141	276 05:47:17	31	10 SET			10.2 DEGREE SET DSC-10					1V
2142	276 09:02:42	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		51963:23:002F	04-275/20:03:48	1ECd
2143	276 09:02:42	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:2044	DTR		51963:23:002F	04-275/20:03:48	1ESd
2144	276 09:17:01	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		51963:40:715F	04-275/20:18:06	1ECd
2145	276 09:17:01	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2354	DTR		51963:40:715F	04-275/20:18:06	1ESd
2146	276 10:44:24	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2147	276 10:51:35	31	40 SET			10.2 DEGREE SET DSC-40					1V
2148	276 12:00:00	31				VGR-31 OWLT IS 12H 58M 56S					1L
2149	276 12:00:08	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2164	276 12:05:08	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	51967:11:001F	04-275/23:06:11	1ESf
2165	276 12:05:08	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		51967:11:002F	04-275/23:06:12	1ECs
2166	276 12:05:09	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		51967:11:026F	04-275/23:06:13	1ECf
2167	276 12:05:10	31				B- DRCRUS			51967:11:034F	04-275/23:06:13	1TB
2168	276 12:05:56	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	51967:12:001F	04-275/23:06:59	1ESf
2169	276 12:05:56	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		51967:12:002F	04-275/23:07:00	1ECd
2170	276 12:05:56	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:2061	DTR		51967:12:002F	04-275/23:07:00	1ESd
2171	276 12:05:56	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		51967:12:002F	04-275/23:07:00	1ECs
2172	276 12:06:44	31			SC32AJ	(13) PLS CONFIG CMD	FDS		51967:13:009F	04-275/23:07:48	1ECf
2173	276 12:06:46	31				END PWSREC.31			51967:13:034F	04-275/23:07:49	1T
2174	276 14:12:21	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		51969:50:002F	04-276/01:13:24	1ECd

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2175	276 14:12:21	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2055	DTR		51969:50:002F	04-276/01:13:24	1ESd
2176	276 14:12:49	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		51969:50:472F	04-276/01:13:52	1ECd
2177	276 14:12:49	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2044	DTR		51969:50:472F	04-276/01:13:52	1ESd
2178	276 17:12:22	31			CC16C	(7015) DTR STATE SELECT: READY	DTR		51973:35:002F	04-276/04:13:24	1ECd
2179	276 17:12:22	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2044	DTR		51973:35:002F	04-276/04:13:24	1ESd
2180	276 17:45:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9916 (D/L ONLY)					1DP
2181	276 17:45:00	31				CFG CODES					1DP
2182	276 17:47:34	31			AC7SSB	(4 +146) SS BIAS CONTROL --- YAW	AACS		51974:19:003F	04-276/04:48:36	1ECa
2183	276 18:17:02	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2184	276 19:15:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9916 (D/L ONLY)					1DP
2185	276 19:15:00	31				CFG CODES					1DP
2186	276 19:30:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9916					1DP
2187	276 21:05:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9916					1DP
2188	276 21:52:43	31	60 SET			14.8 DEGREE SET DSC-60					1V
2189	276 22:05:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9917 (D/L ONLY)					1DP
2190	276 22:05:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2191	277 00:00:00	31				VGR-31 OWLT IS 12H 59M 01S					1L
2192	277 01:43:42	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2193	277 04:05:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9917					1DP
2194	277 05:43:21	31	10 SET			10.2 DEGREE SET DSC-10					1V
2195	277 10:40:31	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2196	277 10:47:42	31	40 SET			10.2 DEGREE SET DSC-40					1V
2197	277 12:00:00	31				VGR-31 OWLT IS 12H 59M 07S					1L
2198	277 17:45:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9917 (D/L ONLY)					1DP
2199	277 17:45:00	31				CFG CODES					1DP
2200	277 18:13:09	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2201	277 21:48:51	31	60 SET			14.8 DEGREE SET DSC-60					1V
2202	277 22:05:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9918 (D/L ONLY)					1DP
2203	277 22:05:00	31				CFG CODES					1DP
2204	277 22:25:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9917					1DP
2205	278 00:00:00	31				VGR-31 OWLT IS 12H 59M 12S					1L
2206	278 01:39:46	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2207	278 04:00:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9918					1DP
2208	278 05:39:26	31	10 SET			10.2 DEGREE SET DSC-10					1V
2209	278 10:36:37	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2210	278 10:43:48	31	40 SET			10.2 DEGREE SET DSC-40					1V
2211	278 12:00:00	31				VGR-31 OWLT IS 12H 59M 18S					1L
2212	278 16:55:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9918 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2213	278 16:55:00	31				CFG CODES					1DP
2214	278 18:09:15	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2215	278 20:55:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9918					1DP
2216	278 21:44:59	31	60 SET			14.8 DEGREE SET DSC-60					1V
2217	278 21:55:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9919 (D/L ONLY)					1DP
2218	278 21:55:00	31				CFG CODES					1DP
2219	279 00:00:00	31				VGR-31 OWLT IS 12H 59M 23S					1L
2220	279 01:35:50	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2221	279 03:55:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9919					1DP
2222	279 05:35:30	31	10 SET			10.2 DEGREE SET DSC-10					1V
2223	279 10:32:44	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2224	279 10:39:55	31	40 SET			10.2 DEGREE SET DSC-40					1V
2225	279 12:00:00	31				VGR-31 OWLT IS 12H 59M 29S					1L
2226	279 15:05:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9919 (D/L ONLY)					1DP
2227	279 15:05:00	31				CFG CODES					1DP
2228	279 18:05:21	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2229	279 20:45:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9920 (D/L ONLY)					1DP
2230	279 20:45:00	31				CFG CODES					1DP
2231	279 20:50:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9919					1DP
2232	279 21:41:04	31	60 SET			14.8 DEGREE SET DSC-60					1V
2233	280 00:00:00	31				VGR-31 OWLT IS 12H 59M 34S					1L

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2234	280 01:31:55	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2235	280 03:50:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9920					1DP
2236	280 05:31:35	31	10 SET			10.2 DEGREE SET DSC-10					1V
2237	280 05:36:49	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2238	280 05:36:49	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
2239	280 05:37:37	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2240	280 05:37:37	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
2241	280 05:40:13	31				BEGIN PWSREC.31			52079:09:001F	04-279/16:40:35	1T
2242	280 05:40:13	31			SC32AJ	(10) PLS CONFIG CMD	FDS		52079:09:010F	04-279/16:40:36	1ECf
2243	280 05:41:01	31				B- DRGS4B			52079:10:001F	04-279/16:41:23	1TB
2244	280 05:41:01	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		52079:10:009F	04-279/16:41:24	1ECf
2245	280 05:41:45	31				BEGIN RECORDING PWS DATA			52079:10:734F	04-279/16:42:07	1T
2246	280 05:41:45	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		52079:10:735F	04-279/16:42:08	1ECd
2247	280 05:41:45	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:2044	DTR		52079:10:735F	04-279/16:42:08	1ESd

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2248	280 05:41:49	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	52079:11:001F	04-279/16:42:11	1ESf
2249	280 05:41:49	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		52079:11:002F	04-279/16:42:12	1ECs
2250	280 05:41:50	31				B- DRCRUS			52079:11:018F	04-279/16:42:12	1TB
2251	280 05:41:50	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		52079:11:026F	04-279/16:42:13	1ECf
2252	280 05:42:37	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	52079:12:001F	04-279/16:42:59	1ESf
2253	280 05:42:37	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		52079:12:002F	04-279/16:43:00	1ECd
2254	280 05:42:37	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2337	DTR		52079:12:002F	04-279/16:43:00	1ESd
2255	280 05:42:37	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		52079:12:002F	04-279/16:43:00	1ECs
2256	280 05:43:25	31			SC32AJ	(13) PLS CONFIG CMD	FDS		52079:13:010F	04-279/16:43:48	1ECf
2257	280 05:43:26	31				END PWSREC.31			52079:13:018F	04-279/16:43:48	1T
2258	280 10:28:50	31	60RISE			10.2 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2259	280 10:36:02	31	40 SET			10.2 DEGREE SET DSC-40					1V
2260	280 12:00:00	31				VGR-31 OWLT IS 12H 59M 40S					1L
2261	280 17:40:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9920 (U/L PASS)					1DP
2262	280 18:01:28	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2263	280 21:20:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9921 (D/L ONLY)					1DP
2264	280 21:20:00	31				CFG CODES					1DP
2265	280 21:37:12	31	60 SET			14.8 DEGREE SET DSC-60					1V
2266	280 21:40:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9920					1DP
2267	281 00:00:00	31				VGR-31 OWLT IS 12H 59M 45S					1L
2268	281 01:27:59	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2269	281 03:50:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9921					1DP
2270	281 05:27:39	31	10 SET			10.2 DEGREE SET DSC-10					1V
2271	281 10:24:57	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2272	281 10:32:08	31	40 SET			10.2 DEGREE SET DSC-40					1V
2273	281 12:00:00	31				VGR-31 OWLT IS 12H 59M 50S					1L
2274	281 15:04:28	31			AC7SSB	(4 +147) SS BIAS CONTROL --- YAW	AACS		52120:54:003F	04-281/02:04:36	1ECa
2275	281 17:25:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9921 (D/L ONLY)					1DP
2276	281 17:25:00	31				CFG CODES					1DP
2277	281 17:57:34	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2278	281 20:20:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9922 (D/L ONLY)					1DP
2279	281 20:20:00	31				CFG CODES					1DP
2280	281 20:40:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9921					1DP

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2281	281 21:33:20	31	60 SET			14.8 DEGREE SET DSC-60					1V
2282	282 00:00:00	31				VGR-31 OWLT IS 12H 59M 56S					1L
2283	282 01:24:03	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2284	282 03:45:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9922					1DP
2285	282 05:23:44	31	10 SET			10.2 DEGREE SET DSC-10					1V
2286	282 10:21:04	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2287	282 10:28:15	31	40 SET			10.2 DEGREE SET DSC-40					1V
2288	282 12:00:00	31				VGR-31 OWLT IS 13H 00M 01S					1L
2289	282 17:25:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9922 (D/L ONLY)					1DP
2290	282 17:25:00	31				CFG CODES					1DP
2291	282 17:53:41	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2292	282 19:45:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9923 (D/L ONLY)					1DP
2293	282 19:45:00	31				CFG CODES					1DP
2294	282 20:05:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9922					1DP
2295	282 21:29:26	31	60 SET			14.8 DEGREE SET DSC-60					1V
2296	283 00:00:00	31				VGR-31 OWLT IS 13H 00M 07S					1L
2297	283 01:20:08	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2298	283 04:40:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9923					1DP
2299	283 05:19:49	31	10 SET			10.2 DEGREE SET DSC-10					1V
2300	283 08:39:58	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		52172:53:002F	04-282/19:39:48	1ECd

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2301	283 08:39:58	31					DTR		52172:53:002F	04-282/19:39:48	1ESd
						DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2343					
2302	283 08:53:18	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		52173:09:525F	04-282/19:53:07	1ECd
2303	283 08:53:18	31					DTR		52173:09:525F	04-282/19:53:07	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2055					
2304	283 10:17:10	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2305	283 10:24:22	31	40 SET			10.2 DEGREE SET DSC-40					1V
2306	283 11:37:24	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2307	283 11:37:24	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2308	283 11:38:12	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2309	283 11:38:12	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2310	283 11:40:00	31			CC16C	(7028) DTR STATE SELECT: READY	DTR		52176:38:002F	04-282/22:39:48	1ECd
2311	283 11:40:00	31					DTR		52176:38:002F	04-282/22:39:48	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:2055					
2312	283 11:40:48	31			SC32AJ	(10) PLS CONFIG CMD	FDS		52176:39:009F	04-282/22:40:36	1ECf
2313	283 11:40:49	31				AHEL11 PWSREC 26			52176:39:018F	04-282/22:40:36	1T

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2314	283 11:40:49	31				B- PWSREC.31			52176:39:018F	04-282/22:40:36	1TB
2315	283 11:40:49	31				BEGIN PWSREC.31			52176:39:018F	04-282/22:40:36	1T
2316	283 11:41:36	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		52176:40:009F	04-282/22:41:24	1ECf
2317	283 11:41:37	31				B- DRGS4B			52176:40:018F	04-282/22:41:24	1TB
2318	283 11:42:20	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		52176:40:735F	04-282/22:42:08	1ECd
2319	283 11:42:20	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:2055	DTR		52176:40:735F	04-282/22:42:08	1ESd
2320	283 11:42:21	31				BEGIN RECORDING PWS DATA			52176:40:751F	04-282/22:42:08	1T
2321	283 11:42:24	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	52176:41:001F	04-282/22:42:11	1ESf
2322	283 11:42:24	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		52176:41:002F	04-282/22:42:12	1ECs
2323	283 11:42:25	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		52176:41:026F	04-282/22:42:13	1ECf
2324	283 11:42:26	31				B- DRCRUS			52176:41:034F	04-282/22:42:13	1TB

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2325	283 11:43:12	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	52176:42:001F	04-282/22:42:59	1ESf
2326	283 11:43:12	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		52176:42:002F	04-282/22:43:00	1ECd
2327	283 11:43:12	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:1763	DTR		52176:42:002F	04-282/22:43:00	1ESd
2328	283 11:43:12	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		52176:42:002F	04-282/22:43:00	1ECs
2329	283 11:44:00	31			SC32AJ	(13) PLS CONFIG CMD	FDS		52176:43:009F	04-282/22:43:48	1ECf
2330	283 11:44:02	31				END PWSREC.31			52176:43:034F	04-282/22:43:49	1T
2331	283 12:00:00	31				VGR-31 OWLT IS 13H 00M 12S					1L
2332	283 12:00:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9923 (D/L ONLY)					1DP
2333	283 12:00:00	31				CFG CODES					1DP
2334	283 13:49:37	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		52179:20:002F	04-283/00:49:24	1ECd
2335	283 13:49:37	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1756	DTR		52179:20:002F	04-283/00:49:24	1ESd
2336	283 14:16:45	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		52179:53:741F	04-283/01:16:32	1ECd
2337	283 14:16:45	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2343	DTR		52179:53:741F	04-283/01:16:32	1ESd

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2338	283 16:49:38	31			CC16C	(7015) DTR STATE SELECT: READY	DTR		52183:05:002F	04-283/03:49:24	1ECd
2339	283 16:49:38	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2343	DTR	52183:05:002F	04-283/03:49:24	1ESd	
2340	283 17:49:47	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2341	283 20:20:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9924 (D/L ONLY)					1DP
2342	283 20:20:00	31				CFG CODES					1DP
2343	283 20:40:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9923					1DP
2344	283 21:25:34	31	60 SET			14.8 DEGREE SET DSC-60					1V
2345	284 00:00:00	31				VGR-31 OWLT IS 13H 00M 17S					1L
2346	284 01:16:12	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2347	284 03:35:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9924					1DP
2348	284 05:15:53	31	10 SET			10.2 DEGREE SET DSC-10					1V
2349	284 10:13:17	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2350	284 10:20:28	31	40 SET			10.2 DEGREE SET DSC-40					1V
2351	284 11:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9924 (D/L ONLY)					1DP
2352	284 11:30:00	31				CFG CODES					1DP
2353	284 12:00:00	31				VGR-31 OWLT IS 13H 00M 23S					1L
2354	284 17:45:54	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2355	284 20:10:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9925 (D/L ONLY)					1DP
2356	284 20:10:00	31				CFG CODES					1DP
2357	284 20:30:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9924					1DP

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2358	284 21:21:42	31	60 SET			14.8 DEGREE SET DSC-60					1V
2359	285 00:00:00	31				VGR-31 OWLT IS 13H 00M 28S					1L
2360	285 01:12:17	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2361	285 04:25:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9925					1DP
2362	285 05:11:58	31	10 SET			10.2 DEGREE SET DSC-10					1V
2363	285 10:09:24	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2364	285 10:16:35	31	40 SET			10.2 DEGREE SET DSC-40					1V
2365	285 12:00:00	31				VGR-31 OWLT IS 13H 00M 33S					1L
2366	285 12:45:34	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2367	285 12:50:34	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2343	DTR		52238:05:602F	04-284/23:50:00	1ESd
2368	285 12:50:34	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	52238:05:602F	04-284/23:50:00	1ESf
2369	285 13:00:35	31				A053 UPLINK WINDOW OPEN			52238:18:218F	04-285/00:00:00	1T
2370	285 17:25:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9925 (D/L ONLY)					1DP
2371	285 17:25:00	31				CFG CODES					1DP
2372	285 17:42:00	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2373	285 21:17:50	31	60 SET			14.8 DEGREE SET DSC-60					1V
2374	285 21:30:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9926 (D/L ONLY)					1DP
2375	285 21:30:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2376	285 21:50:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9925					1DP
2377	286 00:00:00	31				VGR-31 OWLT IS 13H 00M 39S					1L
2378	286 01:08:22	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2379	286 04:30:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9926					1DP
2380	286 05:08:03	31	10 SET			10.2 DEGREE SET DSC-10					1V
2381	286 10:05:31	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2382	286 10:12:42	31	40 SET			10.2 DEGREE SET DSC-40					1V
2383	286 12:00:00	31				VGR-31 OWLT IS 13H 00M 44S					1L
2384	286 12:21:20	31			AC7SSB	(4 +148) SS BIAS CONTROL --- YAW	AACS		52267:29:003F	04-285/23:20:36	1ECa
2385	286 14:55:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9926 (D/L ONLY)					1DP
2386	286 14:55:00	31				CFG CODES					1DP
2387	286 17:20:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9926 (D/L ONLY)					1DP
2388	286 17:20:00	31				CFG CODES					1DP
2389	286 17:38:07	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2390	286 17:40:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9926					1DP
2391	286 19:30:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9926					1DP
2392	286 21:13:55	31	60 SET			14.8 DEGREE SET DSC-60					1V
2393	286 21:26:12	31			AC7SSB	(3 +016) SS BIAS CONTROL - PITCH	AACS		52278:50:003F	04-286/08:25:24	1ECa
2394	286 22:20:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9927 (D/L ONLY)					1DP
2395	286 22:20:00	31				CFG CODES					1DP
2396	287 00:00:00	31				VGR-31 OWLT IS 13H 00M 49S					1L

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2397	287 00:34:01	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2398	287 00:34:01	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
2399	287 00:34:13	31				BEGIN PMPCALLR			52282:45:001F	04-286/11:33:23	1T
2400	287 00:38:13	31				B- DRCR5T			52282:50:001F	04-286/11:37:23	1TB
2401	287 00:38:13	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		52282:50:009F	04-286/11:37:24	1ECf
2402	287 00:39:01	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	52282:51:001F	04-286/11:38:11	1ESf
2403	287 00:39:01	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		52282:51:001F	04-286/11:38:11	1ECs
2404	287 00:45:25	31			SC06BY	(7) FDS PLS/MAG/PESCAL FLAG PLSCAL ENABLED MAGCAL ENABLED PESCAL ENABLED	FDS		52282:59:009F	04-286/11:44:36	1ECf
2405	287 00:46:13	31				BEGIN PLS/MAG/PESCAL			52283:00:001F	04-286/11:45:23	1T
2406	287 01:04:26	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2407	287 02:28:38	31				END PLSCAL			52285:08:001F	04-286/13:27:47	1T
2408	287 03:25:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9927					1DP
2409	287 03:48:39	31				END MAGCAL			52286:48:001F	04-286/14:47:47	1T
2410	287 04:02:03	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2411	287 04:02:03	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2412	287 04:06:15	31				END PESCAL			52287:10:001F	04-286/15:05:23	1T
2413	287 04:06:15	31				B- DRCRUS			52287:10:001F	04-286/15:05:23	1TB
2414	287 04:06:15	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		52287:10:010F	04-286/15:05:24	1ECF
2415	287 04:07:03	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	52287:11:001F	04-286/15:06:11	1ESF
2416	287 04:07:03	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		52287:11:002F	04-286/15:06:11	1ECs
2417	287 04:07:04	31				END PMPCALLR			52287:11:018F	04-286/15:06:12	1T
2418	287 05:04:08	31	10 SET			10.2 DEGREE SET DSC-10					1V
2419	287 05:14:03	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2420	287 05:14:03	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
2421	287 05:14:51	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2422	287 05:14:51	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

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2423	287 05:17:27	31				BEGIN PWSREC.31			52288:39:001F	04-286/16:16:35	1T
2424	287 05:17:27	31			SC32AJ	(10) PLS CONFIG CMD	FDS		52288:39:009F	04-286/16:16:36	1ECf
2425	287 05:18:15	31				B- DRGS4B			52288:40:001F	04-286/16:17:23	1TB
2426	287 05:18:15	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		52288:40:009F	04-286/16:17:24	1ECf
2427	287 05:18:59	31				BEGIN RECORDING PWS DATA			52288:40:734F	04-286/16:18:07	1T
2428	287 05:18:59	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		52288:40:735F	04-286/16:18:08	1ECd
2429	287 05:18:59	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:2343	DTR		52288:40:735F	04-286/16:18:08	1ESd
2430	287 05:19:03	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	52288:41:001F	04-286/16:18:11	1ESf
2431	287 05:19:03	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		52288:41:002F	04-286/16:18:12	1ECs
2432	287 05:19:04	31				B- DRCRUS			52288:41:018F	04-286/16:18:12	1TB
2433	287 05:19:04	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		52288:41:026F	04-286/16:18:13	1ECf

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2434	287 05:19:51	31		ACE OPCH			FDS	CR-5T	52288:42:001F	04-286/16:18:59	1ESf
						FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11					
2435	287 05:19:51	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		52288:42:002F	04-286/16:19:00	1ECs
2436	287 05:19:51	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		52288:42:002F	04-286/16:19:00	1ECd
2437	287 05:19:51	31					DTR		52288:42:002F	04-286/16:19:00	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2635					
2438	287 05:20:39	31			SC32AJ	(13) PLS CONFIG CMD	FDS		52288:43:009F	04-286/16:19:48	1ECf
2439	287 05:20:40	31				END PWSREC.31			52288:43:018F	04-286/16:19:48	1T
2440	287 10:01:37	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2441	287 10:08:49	31	40 SET			10.2 DEGREE SET DSC-40					1V
2442	287 12:00:00	31				VGR-31 OWLT IS 13H 00M 54S					1L
2443	287 17:34:14	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2444	287 17:35:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9927 (U/L PASS)					1DP
2445	287 21:10:03	31	60 SET			14.7 DEGREE SET DSC-60					1V
2446	287 21:20:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9928 (D/L ONLY)					1DP
2447	287 21:20:00	31				CFG CODES					1DP
2448	287 21:40:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9927					1DP
2449	288 00:00:00	31				VGR-31 OWLT IS 13H 00M 59S					1L
2450	288 01:00:31	31	40RISE			10.2 DEGREE RISE DSC-40					1V

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2451	288 03:20:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9928					1DP
2452	288 05:00:13	31	10 SET			10.2 DEGREE SET DSC-10					1V
2453	288 09:57:44	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2454	288 10:04:56	31	40 SET			10.2 DEGREE SET DSC-40					1V
2455	288 12:00:00	31				VGR-31 OWLT IS 13H 01M 05S					1L
2456	288 17:05:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9928 (D/L ONLY)					1DP
2457	288 17:05:00	31				CFG CODES					1DP
2458	288 17:30:20	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2459	288 19:55:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9929 (D/L ONLY)					1DP
2460	288 19:55:00	31				CFG CODES					1DP
2461	288 20:15:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9928					1DP
2462	288 21:06:11	31	60 SET			14.7 DEGREE SET DSC-60					1V
2463	289 00:00:00	31				VGR-31 OWLT IS 13H 01M 10S					1L
2464	289 00:56:36	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2465	289 03:15:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9929					1DP
2466	289 04:56:17	31	10 SET			10.2 DEGREE SET DSC-10					1V
2467	289 09:53:51	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2468	289 10:01:03	31	40 SET			10.2 DEGREE SET DSC-40					1V
2469	289 12:00:00	31				VGR-31 OWLT IS 13H 01M 15S					1L
2470	289 17:05:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9929 (D/L ONLY)					1DP
2471	289 17:05:00	31				CFG CODES					1DP
2472	289 17:26:27	31	10RISE			10.2 DEGREE RISE DSC-10					1V

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2473	289 20:15:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9929					1DP
2474	289 21:02:19	31	60 SET			14.7 DEGREE SET DSC-60					1V
2475	289 22:15:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9930 (D/L ONLY)					1DP
2476	289 22:15:00	31				CFG CODES					1DP
2477	290 00:00:00	31				VGR-31 OWLT IS 13H 01M 20S					1L
2478	290 00:52:40	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2479	290 03:15:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9930					1DP
2480	290 04:52:22	31	10 SET			10.2 DEGREE SET DSC-10					1V
2481	290 08:17:12	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		52382:23:002F	04-289/19:15:48	1ECd
2482	290 08:17:12	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2642	DTR		52382:23:002F	04-289/19:15:48	1ESd
2483	290 08:58:11	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		52383:14:189F	04-289/19:56:47	1ECd
2484	290 08:58:11	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1756	DTR		52383:14:189F	04-289/19:56:47	1ESd
2485	290 09:49:58	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2486	290 09:57:09	31	40 SET			10.2 DEGREE SET DSC-40					1V
2487	290 11:05:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9930 (D/L ONLY)					1DP
2488	290 11:05:00	31				CFG CODES					1DP
2489	290 11:14:37	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2490	290 11:14:37	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
2491	290 11:15:25	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
2492	290 11:15:25	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2493	290 11:17:13	31			CC16C	(7028) DTR STATE SELECT: READY	DTR		52386:08:002F	04-289/22:15:48	1ECd
2494	290 11:17:13	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:1756	DTR		52386:08:002F	04-289/22:15:48	1ESd
2495	290 11:18:01	31			SC32AJ	(10) PLS CONFIG CMD	FDS		52386:09:009F	04-289/22:16:36	1ECF
2496	290 11:18:02	31				AHEL11 PWSREC 27			52386:09:018F	04-289/22:16:36	1T
2497	290 11:18:02	31				B- PWSREC.31			52386:09:018F	04-289/22:16:36	1TB
2498	290 11:18:02	31				BEGIN PWSREC.31			52386:09:018F	04-289/22:16:36	1T
2499	290 11:18:49	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		52386:10:009F	04-289/22:17:24	1ECF
2500	290 11:18:50	31				B- DRGS4B			52386:10:018F	04-289/22:17:24	1TB
2501	290 11:19:33	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		52386:10:735F	04-289/22:18:08	1ECd
2502	290 11:19:33	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:1756	DTR		52386:10:735F	04-289/22:18:08	1ESd
2503	290 11:19:34	31				BEGIN RECORDING PWS DATA			52386:10:751F	04-289/22:18:08	1T

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2504	290 11:19:37	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	52386:11:001F	04-289/22:18:11	1ESf
2505	290 11:19:37	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		52386:11:002F	04-289/22:18:12	1ECs
2506	290 11:19:38	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		52386:11:026F	04-289/22:18:13	1ECf
2507	290 11:19:39	31				B- DRCRUS			52386:11:034F	04-289/22:18:13	1TB
2508	290 11:20:25	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	52386:12:001F	04-289/22:18:59	1ESf
2509	290 11:20:25	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		52386:12:002F	04-289/22:19:00	1ECd
2510	290 11:20:25	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:1464	DTR		52386:12:002F	04-289/22:19:00	1ESd
2511	290 11:20:25	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		52386:12:002F	04-289/22:19:00	1ECs
2512	290 11:21:13	31			SC32AJ	(13) PLS CONFIG CMD	FDS		52386:13:009F	04-289/22:19:48	1ECf
2513	290 11:21:15	31				END PWSREC.31			52386:13:034F	04-289/22:19:49	1T
2514	290 12:00:00	31				VGR-31 OWLT IS 13H 01M 25S					1L

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2515	290 13:26:50	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		52388:50:002F	04-290/00:25:24	1ECd
2516	290 13:26:50	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1457	DTR	52388:50:002F	04-290/00:25:24	1ESd	
2517	290 14:21:39	31			CC16C	(7000) DTR STATE SELECT: READY	DTR	52389:58:426F	04-290/01:20:13	1ECd	
2518	290 14:21:39	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2642	DTR	52389:58:426F	04-290/01:20:13	1ESd	
2519	290 16:26:51	31			CC16C	(7015) DTR STATE SELECT: READY	DTR	52392:35:002F	04-290/03:25:24	1ECd	
2520	290 16:26:51	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2642	DTR	52392:35:002F	04-290/03:25:24	1ESd	
2521	290 17:22:34	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2522	290 19:35:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9930					1DP
2523	290 20:58:25	31	60 SET			14.7 DEGREE SET DSC-60					1V
2524	290 22:15:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9931 (D/L ONLY)					1DP
2525	290 22:15:00	31				CFG CODES					1DP
2526	291 00:00:00	31				VGR-31 OWLT IS 13H 01M 30S					1L
2527	291 00:48:45	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2528	291 03:10:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9931					1DP
2529	291 04:48:27	31	10 SET			10.2 DEGREE SET DSC-10					1V
2530	291 09:38:10	31			AC7SSB	(4 +149) SS BIAS CONTROL --- YAW	AACS		52414:04:003F	04-290/20:36:36	1ECa
2531	291 09:46:05	31	60RISE			10.2 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2532	291 09:53:16	31	40 SET			10.2 DEGREE SET DSC-40					1V
2533	291 11:00:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9931 (D/L ONLY)					1DP
2534	291 11:00:00	31				CFG CODES					1DP
2535	291 12:00:00	31				VGR-31 OWLT IS 13H 01M 35S					1L
2536	291 17:18:40	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2537	291 19:45:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9932 (D/L ONLY)					1DP
2538	291 19:45:00	31				CFG CODES					1DP
2539	291 20:05:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9931					1DP
2540	291 20:54:33	31	60 SET			14.7 DEGREE SET DSC-60					1V
2541	292 00:00:00	31				VGR-31 OWLT IS 13H 01M 40S					1L
2542	292 00:44:50	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2543	292 04:05:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9932					1DP
2544	292 04:44:32	31	10 SET			10.2 DEGREE SET DSC-10					1V
2545	292 09:42:12	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2546	292 09:49:23	31	40 SET			10.2 DEGREE SET DSC-40					1V
2547	292 12:00:00	31				VGR-31 OWLT IS 13H 01M 45S					1L
2548	292 13:35:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9932 (D/L ONLY)					1DP
2549	292 13:35:00	31				CFG CODES					1DP
2550	292 17:14:47	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2551	292 17:20:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9932 (D/L ONLY)					1DP
2552	292 17:20:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2553	292 17:40:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9932					1DP
2554	292 19:30:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9932					1DP
2555	292 20:50:41	31	60 SET			14.7 DEGREE SET DSC-60					1V
2556	292 21:40:50	31				A053 UPLINK			52459:07:018F	04-292/08:39:00	1T
2557	292 22:11:13	31				FINAL SPACECRAFT STATUS			52459:44:785F	04-292/09:09:23	1TI
2558	292 22:11:13	31				RADIO STATUS			52459:44:785F	04-292/09:09:23	1TI
2559	292 22:11:13	31			DC2AR	S-BAND RANGING OFF			52459:44:785F	04-292/09:09:23	1TI
2560	292 22:11:13	31			DC2DR	S-BAND LO PWR			52459:44:785F	04-292/09:09:23	1TI
2561	292 22:11:13	31			DC2HR	X-BAND LO PWR			52459:44:785F	04-292/09:09:23	1TI
2562	292 22:11:13	31			DC2N	X-BAND RANGING ON			52459:44:785F	04-292/09:09:23	1TI
2563	292 22:11:13	31			DC2P	2 WAY NON-COHERENT ON			52459:44:785F	04-292/09:09:23	1TI
2564	292 22:11:13	31			DC2QR	USO OFF			52459:44:785F	04-292/09:09:23	1TI
2565	292 22:11:13	31			CC2BRP	S-BAND EXC-2 SEL			52459:44:785F	04-292/09:09:23	1TI
2566	292 22:11:13	31			CC2CRP	S-BAND TRANS-2 SEL			52459:44:785F	04-292/09:09:23	1TI
2567	292 22:11:13	31			CC2FP	RCVR-1 SEL			52459:44:785F	04-292/09:09:23	1TI
2568	292 22:11:13	31			CC2JP	X-BAND EXC-1 SEL			52459:44:785F	04-292/09:09:23	1TI
2569	292 22:11:13	31			CC2GP	X-BAND ON			52459:44:785F	04-292/09:09:23	1TI
2570	292 22:11:13	31			CC2KRP	S-BAND OFF			52459:44:785F	04-292/09:09:23	1TI
2571	292 22:11:13	31			CC2LP	X-BAND TWTA-1 SEL			52459:44:785F	04-292/09:09:23	1TI
2572	292 22:11:13	31			CC2MP	S-BAND EXC ON			52459:44:785F	04-292/09:09:23	1TI
2573	292 22:11:13	31			DC2E	HGA SELECT			52459:44:785F	04-292/09:09:23	1TI
2574	292 22:11:13	31			CC1T	BAY 1 HTR ON			52459:44:785F	04-292/09:09:23	1TI
2575	292 22:11:13	31				MDS STATUS			52459:44:785F	04-292/09:09:23	1TI

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2576	292 22:11:13	31			CC3BP	TMU ON			52459:44:785F	04-292/09:09:23	1TI
2577	292 22:11:13	31			CC3GP	TMU-A SEL			52459:44:785F	04-292/09:09:23	1TI
2578	292 22:11:13	31			CC3HP	CDU-A SEL			52459:44:785F	04-292/09:09:23	1TI
2579	292 22:11:13	31			CC3A	32310 X-BAND			52459:44:785F	04-292/09:09:23	1TI
2580	292 22:11:13	31			CC3A	28301 S-BAND			52459:44:785F	04-292/09:09:23	1TI
2581	292 22:11:13	31				POWER STATUS			52459:44:785F	04-292/09:09:23	1TI
2582	292 22:11:13	31			CC4A	UNDERVOLTAGE TRIP RESET			52459:44:785F	04-292/09:09:23	1TI
2583	292 22:11:13	31			CC4K	RTG-1 DIODE BYPASS ON			52459:44:785F	04-292/09:09:23	1TI
2584	292 22:11:13	31			CC4L	RTG-2 DIODE BYPASS ON			52459:44:785F	04-292/09:09:23	1TI
2585	292 22:11:13	31			CC4M	RTG-3 DIODE BYPASS ON			52459:44:785F	04-292/09:09:23	1TI
2586	292 22:11:13	31				CCS STATUS			52459:44:785F	04-292/09:09:23	1TI
2587	292 22:11:13	31			DC5AR	CCS TOL DET ENABLE			52459:44:785F	04-292/09:09:23	1TI
2588	292 22:11:13	31				FDS STATUS			52459:44:785F	04-292/09:09:23	1TI
2589	292 22:11:13	31			CC6CP	FDS ON/ISS PWR ENABLE			52459:44:785F	04-292/09:09:23	1TI
2590	292 22:11:13	31			CC6AA	1 SVC-W1			52459:44:785F	04-292/09:09:23	1TI
2591	292 22:11:13	31			CC6AD	3200 SVC-W4			52459:44:785F	04-292/09:09:23	1TI
2592	292 22:11:13	31			CC6AE	30011 SVC-W5			52459:44:785F	04-292/09:09:23	1TI
2593	292 22:11:13	31			CC6AP	FDS PWR CONV A SEL			52459:44:785F	04-292/09:09:23	1TI
2594	292 22:11:13	31			CC6AB	01000 SVC-W2			52459:44:785F	04-292/09:09:23	1TI
2595	292 22:11:13	31			SC06BB	530070 FDS DATA MODE			52459:44:785F	04-292/09:09:23	1TI
2596	292 22:11:13	31				AACS STATUS			52459:44:785F	04-292/09:09:23	1TI
2597	292 22:11:13	31			AC7PCG	14 HYBIC 2 PWR ON			52459:44:785F	04-292/09:09:23	1TI
2598	292 22:11:13	31			CC7ML	05 CST ON			52459:44:785F	04-292/09:09:23	1TI

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2599	292 22:11:13	31			AC7CTG	10 394 CST HI GATE			52459:44:785F	04-292/09:09:23	1TI
2600	292 22:11:13	31			AC7CTG	11 442 CST LO GATE			52459:44:785F	04-292/09:09:23	1TI
2601	292 22:11:13	31			AC7GYP	111 GYRO PATTERN			52459:44:785F	04-292/09:09:23	1TI
2602	292 22:11:13	31			AC7PCG	52 GYRO A OFF			52459:44:785F	04-292/09:09:23	1TI
2603	292 22:11:13	31			AC7PCG	62 GYRO B OFF			52459:44:785F	04-292/09:09:23	1TI
2604	292 22:11:13	31			AC7PCG	72 GYRO C OFF			52459:44:785F	04-292/09:09:23	1TI
2605	292 22:11:13	31			AC7PAR	7530 000000 GYRO OFF NORM			52459:44:785F	04-292/09:09:23	1TI
2606	292 22:11:13	31			AC7PAR	6740 000740 PITCH DEADBAND			52459:44:785F	04-292/09:09:23	1TI
2607	292 22:11:13	31			AC7PAR	6741 001700 YAW DEADBAND			52459:44:785F	04-292/09:09:23	1TI
2608	292 22:11:13	31			AC7PAR	6742 004540 ROLL DEADBAND			52459:44:785F	04-292/09:09:23	1TI
2609	292 22:11:13	31			DEADBAND	DEAD BAND STATE: 05 10 05			52459:44:785F	04-292/09:09:23	1TI
2610	292 22:11:13	31			CC7SS	1 AACS TO RAI			52459:44:785F	04-292/09:09:23	1TI
2611	292 22:11:13	31			CC7CT	01 CST CONE ANGLE 1			52459:44:785F	04-292/09:09:23	1TI
2612	292 22:11:13	31			AC7DDB	000480 DEAD BAND CONTROL			52459:44:785F	04-292/09:09:23	1TI
2613	292 22:11:13	31			CC7AHRP	SS HTR A OFF			52459:44:785F	04-292/09:09:23	1TI
2614	292 22:11:13	31			CC7BHP	SS HTR B ON			52459:44:785F	04-292/09:09:23	1TI
2615	292 22:11:13	31			CC7ML	01 FDS CHAN A			52459:44:785F	04-292/09:09:23	1TI
2616	292 22:11:13	31			CC7ML	09 TCAPU FAULT ENA			52459:44:785F	04-292/09:09:23	1TI
2617	292 22:11:13	31			AC7PCG	61 AACS BAY 6 HTR A OFF			52459:44:785F	04-292/09:09:23	1TI
2618	292 22:11:13	31			AC7PCG	71 AACS BAY 6 HTR B OFF			52459:44:785F	04-292/09:09:23	1TI
2619	292 22:11:13	31			CC7MMRP	PROC/MEM 2 SELECT			52459:44:785F	04-292/09:09:23	1TI
2620	292 22:11:13	31			CC7SHRP	AZ SCAN ACTUATOR HTR OFF			52459:44:785F	04-292/09:09:23	1TI
2621	292 22:11:13	31			AC7PCG	22 CST SUN SHUTTER OFF			52459:44:785F	04-292/09:09:23	1TI

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2622	292 22:11:13	31			AC7PCG	10 ISO VALVE BRANCH 1 OFF			52459:44:785F	04-292/09:09:23	1TI
2623	292 22:11:13	31			AC7PCG	20 ISO VALVE BRANCH 2 OFF			52459:44:785F	04-292/09:09:23	1TI
2624	292 22:11:13	31			CC1PHP	SCAN PLAT SUPL HTR ON			52459:44:785F	04-292/09:09:23	1TI
2625	292 22:11:13	31			CC77MRP	MAM OFF			52459:44:785F	04-292/09:09:23	1TI
2626	292 22:11:13	31			DC77PR	NON-PRIME FCP/MEM OFF			52459:44:785F	04-292/09:09:23	1TI
2627	292 22:11:13	31			DC77XR	MAM COMMAND DISABLE			52459:44:785F	04-292/09:09:23	1TI
2628	292 22:11:13	31				PYRO STATUS			52459:44:785F	04-292/09:09:23	1TI
2629	292 22:11:13	31			CC8D	PSU INSTRUMENTATION ON			52459:44:785F	04-292/09:09:23	1TI
2630	292 22:11:13	31			DC8XR	PYRO DISABLE			52459:44:785F	04-292/09:09:23	1TI
2631	292 22:11:13	31				PROPULSION STATUS			52459:44:785F	04-292/09:09:23	1TI
2632	292 22:11:13	31			CC10CRP	TCM HTR OFF			52459:44:785F	04-292/09:09:23	1TI
2633	292 22:11:13	31			CC10DR	AP BR1 HTR OFF			52459:44:785F	04-292/09:09:23	1TI
2634	292 22:11:13	31			CC10ER	AP BR2 HTR OFF			52459:44:785F	04-292/09:09:23	1TI
2635	292 22:11:13	31			CC10TRP	TCM LINE HTRS OFF			52459:44:785F	04-292/09:09:23	1TI
2636	292 22:11:13	31				DSS STATUS			52459:44:785F	04-292/09:09:23	1TI
2637	292 22:11:13	31			CC16BR	DSS 10 W REPL HTR OFF			52459:44:785F	04-292/09:09:23	1TI
2638	292 22:11:13	31			CC16AP	DSS ON			52459:44:785F	04-292/09:09:23	1TI
2639	292 22:11:13	31			CC1DR	BAY 2 19 W HTR OFF			52459:44:785F	04-292/09:09:23	1TI
2640	292 22:11:13	31			CC16C	7215 DSS CONTROL			52459:44:785F	04-292/09:09:23	1TI
2641	292 22:11:13	31				SCIENCE PWR STATUS			52459:44:785F	04-292/09:09:23	1TI
2642	292 22:11:13	31			CC1CR	MAG COIL OFF			52459:44:785F	04-292/09:09:23	1TI
2643	292 22:11:13	31			CC21A	CRS ON			52459:44:785F	04-292/09:09:23	1TI
2644	292 22:11:13	31			CC21B	CRS REPL HTR ON			52459:44:785F	04-292/09:09:23	1TI

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2645	292 22:11:13	31			CC21CR	CRS SUPP HTR OFF			52459:44:785F	04-292/09:09:23	1TI
2646	292 22:11:13	31			CC22A	PRA ON			52459:44:785F	04-292/09:09:23	1TI
2647	292 22:11:13	31			CC23A	PWS ON			52459:44:785F	04-292/09:09:23	1TI
2648	292 22:11:13	31			CC25A	LECP ON			52459:44:785F	04-292/09:09:23	1TI
2649	292 22:11:13	31			CC25B	LECP STEPPER MOTOR ON			52459:44:785F	04-292/09:09:23	1TI
2650	292 22:11:13	31			CC25CR	LECP REPL HTR OFF			52459:44:785F	04-292/09:09:23	1TI
2651	292 22:11:13	31			CC25D	LECP MAIN SUPP HTR ON			52459:44:785F	04-292/09:09:23	1TI
2652	292 22:11:13	31			CC25E	LECP LEPT SUPP HTR ON			52459:44:785F	04-292/09:09:23	1TI
2653	292 22:11:13	31			CC27BR	PPS SUPP HTR OFF			52459:44:785F	04-292/09:09:23	1TI
2654	292 22:11:13	31			CC32A	PLS ON			52459:44:785F	04-292/09:09:23	1TI
2655	292 22:11:13	31			CC32BR	PLS SUPP HTR OFF			52459:44:785F	04-292/09:09:23	1TI
2656	292 22:11:13	31			CC32C	PLS REPL HTR ON			52459:44:785F	04-292/09:09:23	1TI
2657	292 22:11:13	31			CC34A	UVS ON			52459:44:785F	04-292/09:09:23	1TI
2658	292 22:11:13	31			CC34B	UVS REPL HTR ON			52459:44:785F	04-292/09:09:23	1TI
2659	292 22:11:13	31			CC35AR	MAG OFF			52459:44:785F	04-292/09:09:23	1TI
2660	292 22:11:13	31			CC35B	MAG STANDBY ON			52459:44:785F	04-292/09:09:23	1TI
2661	292 22:11:13	31			CC35GR	MAG SENSOR HTR OFF			52459:44:785F	04-292/09:09:23	1TI
2662	292 22:11:13	31			CC36GR	ISS WA VID REPL HTR OFF			52459:44:785F	04-292/09:09:23	1TI
2663	292 22:11:13	31			CC36HR	ISS WA ELEC REPL HTR OFF			52459:44:785F	04-292/09:09:23	1TI
2664	292 22:11:13	31			CC36CRP	ISS NA OPTICS HTR OFF			52459:44:785F	04-292/09:09:23	1TI
2665	292 22:11:13	31			CC36FRP	ISS NA VID REPL HTR OFF			52459:44:785F	04-292/09:09:23	1TI
2666	292 22:11:13	31			CC36JP	ISS NA ELEC REPL HTR ON			52459:44:785F	04-292/09:09:23	1TI
2667	292 22:11:13	31			CC39D	IRIS REPL HTR ON			52459:44:785F	04-292/09:09:23	1TI

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2668	292 22:11:13	31			CC39FR	IRIS STANDBY A SUPPLY OFF			52459:44:785F	04-292/09:09:23	1TI
2669	292 22:11:13	31			CC39BR	IRIS STANDBY B SUPPLY OFF			52459:44:785F	04-292/09:09:23	1TI
2670	292 22:11:13	31				SCIENCE INSTRUMENT STATUS			52459:44:785F	04-292/09:09:23	1TI
2671	292 22:11:13	31			SC21AF	01000 CRS CMD WORD			52459:44:785F	04-292/09:09:23	1TI
2672	292 22:11:13	31			SC21AF	02000 CRS CMD WORD			52459:44:785F	04-292/09:09:23	1TI
2673	292 22:11:13	31			SC21AF	03000 CRS CMD WORD			52459:44:785F	04-292/09:09:23	1TI
2674	292 22:11:13	31			SC21AF	04000 CRS CMD WORD			52459:44:785F	04-292/09:09:23	1TI
2675	292 22:11:13	31			SC21AF	05300 CRS CMD WORD			52459:44:785F	04-292/09:09:23	1TI
2676	292 22:11:13	31			SC21AF	06000 CRS CMD WORD			52459:44:785F	04-292/09:09:23	1TI
2677	292 22:11:13	31			SC21AF	07200 CRS CMD WORD			52459:44:785F	04-292/09:09:23	1TI
2678	292 22:11:13	31			SC21AF	08200 CRS CMD WORD			52459:44:785F	04-292/09:09:23	1TI
2679	292 22:11:13	31			SC21AF	10000 CRS CMD WORD			52459:44:785F	04-292/09:09:23	1TI
2680	292 22:11:13	31			SC21AF	11000 CRS CMD WORD			52459:44:785F	04-292/09:09:23	1TI
2681	292 22:11:13	31			SC21AF	12000 CRS CMD WORD			52459:44:785F	04-292/09:09:23	1TI
2682	292 22:11:13	31			SC21AF	13012 CRS CMD WORD			52459:44:785F	04-292/09:09:23	1TI
2683	292 22:11:13	31			SC21AG	CRS HV FLAG			52459:44:785F	04-292/09:09:23	1TI
2684	292 22:11:13	31			SC21AH	CRS CAL-ST FLAG			52459:44:785F	04-292/09:09:23	1TI
2685	292 22:11:13	31			SC22AF	1347 PRA CONFIGURATION CMD			52459:44:785F	04-292/09:09:23	1TI
2686	292 22:11:13	31			SC22NU	0000 PRA MODE SELECT			52459:44:785F	04-292/09:09:23	1TI
2687	292 22:11:13	31			SC23AD	5 PWS CMD WORD			52459:44:785F	04-292/09:09:23	1TI
2688	292 22:11:13	31			SC25AH	1777 LECP CMD WORD			52459:44:785F	04-292/09:09:23	1TI
2689	292 22:11:13	31			SC25AH	2417 LECP CMD WORD			52459:44:785F	04-292/09:09:23	1TI
2690	292 22:11:13	31			SC25AH	5600 LECP CMD WORD			52459:44:785F	04-292/09:09:23	1TI

FINAL SEQUENCE FOR JST A052 (TOL/A052F - EVTSDR/A052BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2691	292 22:11:13	31			SC25AH	6032 LECP CMD WORD			52459:44:785F	04-292/09:09:23	1TI
2692	292 22:11:13	31			SC25AJ	1 LECP MOTOR STEP CMD			52459:44:785F	04-292/09:09:23	1TI
2693	292 22:11:13	31			SC25AN	0 LECP NEAR/FAR ENC			52459:44:785F	04-292/09:09:23	1TI
2694	292 22:11:13	31			SC25AQ	5200 LECP SAFE CMD			52459:44:785F	04-292/09:09:23	1TI
2695	292 22:11:13	31			SC32AF	2 PLS E1 INT/AMP GAIN			52459:44:785F	04-292/09:09:23	1TI
2696	292 22:11:13	31			SC32AG	2 PLS E2 INT/AMP GAIN			52459:44:785F	04-292/09:09:23	1TI
2697	292 22:11:13	31			SC32AH	3 PLS M INT/AMP GAIN			52459:44:785F	04-292/09:09:23	1TI
2698	292 22:11:13	31			SC32AJ	13 PLS CONFIG CMD			52459:44:785F	04-292/09:09:23	1TI
2699	292 22:11:13	31			SC32AK	2 PLS L INT/AMP GAIN			52459:44:785F	04-292/09:09:23	1TI
2700	292 22:11:13	31			SC32AL	216 PLS M START WORD 1			52459:44:785F	04-292/09:09:23	1TI
2701	292 22:11:13	31			SC32AM	216 PLS M START WORD 2			52459:44:785F	04-292/09:09:23	1TI
2702	292 22:11:13	31			SC32AN	2 PLS M MODE			52459:44:785F	04-292/09:09:23	1TI
2703	292 22:11:13	31			SC32AP	3 PLS E1 SHRT			52459:44:785F	04-292/09:09:23	1TI
2704	292 22:11:13	31			SC32AQ	3 PLS E2 SHRT			52459:44:785F	04-292/09:09:23	1TI
2705	292 22:11:13	31			SC32AR	3 PLS L SHORT			52459:44:785F	04-292/09:09:23	1TI
2706	292 22:11:13	31			SC32AS	2 PLS E1 LONG			52459:44:785F	04-292/09:09:23	1TI
2707	292 22:11:13	31			SC32AT	2 PLS E2 LONG			52459:44:785F	04-292/09:09:23	1TI
2708	292 22:11:13	31			SC32AU	2 PLS L LONG			52459:44:785F	04-292/09:09:23	1TI
2709	292 22:11:13	31			SC34AE	13 UVS MODE/HV LEVEL			52459:44:785F	04-292/09:09:23	1TI
2710	292 22:11:13	31			SC34AF	0 UVS READ OUT FLAG			52459:44:785F	04-292/09:09:23	1TI
2711	292 22:11:13	31			SC35AI	030001 MAG HFM/EL FLIP/IFC/LFM			52459:44:785F	04-292/09:09:23	1TI
2712	292 22:11:13	31			SC35AO	030001 MAG HFM/PRIME/IFC/LFM RAN			52459:44:785F	04-292/09:09:23	1TI