



# FINAL FLIGHT SOE

**S/C 31**

**SEQUENCE ID A049BA      DATE OF RELEASE Sept. 25, 2003**

**EXECUTION PERIOD 10/13/2003 to 01/20/2004      (03-286 to 04-020)**

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

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FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT 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	286 21:40:20	31				INITIAL SPACECRAFT STATUS			41329:44:785F	03-286/09:09:23	1TI
2	286 21:40:20	31				RADIO STATUS			41329:44:785F	03-286/09:09:23	1TI
3	286 21:40:20	31			DC2AR	S-BAND RANGING OFF			41329:44:785F	03-286/09:09:23	1TI
4	286 21:40:20	31			DC2DR	S-BAND LO PWR			41329:44:785F	03-286/09:09:23	1TI
5	286 21:40:20	31			DC2HR	X-BAND LO PWR			41329:44:785F	03-286/09:09:23	1TI
6	286 21:40:20	31			DC2N	X-BAND RANGING ON			41329:44:785F	03-286/09:09:23	1TI
7	286 21:40:20	31			DC2P	2 WAY NON-COHERENT ON			41329:44:785F	03-286/09:09:23	1TI
8	286 21:40:20	31			DC2QR	USO OFF			41329:44:785F	03-286/09:09:23	1TI
9	286 21:40:20	31			CC2BRP	S-BAND EXC-2 SEL			41329:44:785F	03-286/09:09:23	1TI
10	286 21:40:20	31			CC2CRP	S-BAND TRANS-2 SEL			41329:44:785F	03-286/09:09:23	1TI
11	286 21:40:20	31			CC2FP	RCVR-1 SEL			41329:44:785F	03-286/09:09:23	1TI
12	286 21:40:20	31			CC2JP	X-BAND EXC-1 SEL			41329:44:785F	03-286/09:09:23	1TI
13	286 21:40:20	31			CC2GP	X-BAND ON			41329:44:785F	03-286/09:09:23	1TI
14	286 21:40:20	31			CC2KRP	S-BAND OFF			41329:44:785F	03-286/09:09:23	1TI
15	286 21:40:20	31			CC2LP	X-BAND TWTA-1 SEL			41329:44:785F	03-286/09:09:23	1TI
16	286 21:40:20	31			CC2MP	S-BAND EXC ON			41329:44:785F	03-286/09:09:23	1TI
17	286 21:40:20	31			DC2E	HGA SELECT			41329:44:785F	03-286/09:09:23	1TI
18	286 21:40:20	31			CC1T	BAY 1 HTR ON			41329:44:785F	03-286/09:09:23	1TI
19	286 21:40:20	31				MDS STATUS			41329:44:785F	03-286/09:09:23	1TI
20	286 21:40:20	31			CC3BP	TMU ON			41329:44:785F	03-286/09:09:23	1TI
21	286 21:40:20	31			CC3GP	TMU-A SEL			41329:44:785F	03-286/09:09:23	1TI
22	286 21:40:20	31			CC3HP	CDU-A SEL			41329:44:785F	03-286/09:09:23	1TI
23	286 21:40:20	31			CC3A	32310 X-BAND			41329:44:785F	03-286/09:09:23	1TI

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT 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	286 21:40:20	31			CC3A	28301 S-BAND			41329:44:785F	03-286/09:09:23	1TI
25	286 21:40:20	31				POWER STATUS			41329:44:785F	03-286/09:09:23	1TI
26	286 21:40:20	31			CC4A	UNDERVOLTAGE TRIP RESET			41329:44:785F	03-286/09:09:23	1TI
27	286 21:40:20	31			CC4K	RTG-1 DIODE BYPASS ON			41329:44:785F	03-286/09:09:23	1TI
28	286 21:40:20	31			CC4L	RTG-2 DIODE BYPASS ON			41329:44:785F	03-286/09:09:23	1TI
29	286 21:40:20	31			CC4M	RTG-3 DIODE BYPASS ON			41329:44:785F	03-286/09:09:23	1TI
30	286 21:40:20	31				CCS STATUS			41329:44:785F	03-286/09:09:23	1TI
31	286 21:40:20	31			DC5AR	CCS TOL DET ENABLE			41329:44:785F	03-286/09:09:23	1TI
32	286 21:40:20	31				FDS STATUS			41329:44:785F	03-286/09:09:23	1TI
33	286 21:40:20	31			CC6CP	FDS ON/ISS PWR ENABLE			41329:44:785F	03-286/09:09:23	1TI
34	286 21:40:20	31			CC6AA	1 SVC-W1			41329:44:785F	03-286/09:09:23	1TI
35	286 21:40:20	31			CC6AD	3200 SVC-W4			41329:44:785F	03-286/09:09:23	1TI
36	286 21:40:20	31			CC6AE	30011 SVC-W5			41329:44:785F	03-286/09:09:23	1TI
37	286 21:40:20	31			CC6AP	FDS PWR CONV A SEL			41329:44:785F	03-286/09:09:23	1TI
38	286 21:40:20	31			CC6AB	01000 SVC-W2			41329:44:785F	03-286/09:09:23	1TI
39	286 21:40:20	31			SC06BB	530070 FDS DATA MODE			41329:44:785F	03-286/09:09:23	1TI
40	286 21:40:20	31				AACS STATUS			41329:44:785F	03-286/09:09:23	1TI
41	286 21:40:20	31			AC7PCG	14 HYBIC 2 PWR ON			41329:44:785F	03-286/09:09:23	1TI
42	286 21:40:20	31			CC7ML	05 CST ON			41329:44:785F	03-286/09:09:23	1TI
43	286 21:40:20	31			AC7CTG	10 394 CST HI GATE			41329:44:785F	03-286/09:09:23	1TI
44	286 21:40:20	31			AC7CTG	11 442 CST LO GATE			41329:44:785F	03-286/09:09:23	1TI
45	286 21:40:20	31			AC7GYP	000 GYRO PATTERN			41329:44:785F	03-286/09:09:23	1TI
46	286 21:40:20	31			AC7PCG	52 GYRO A OFF			41329:44:785F	03-286/09:09:23	1TI

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47	286 21:40:20	31			AC7PCG	62 GYRO B OFF			41329:44:785F	03-286/09:09:23	1TI
48	286 21:40:20	31			AC7PCG	72 GYRO C OFF			41329:44:785F	03-286/09:09:23	1TI
49	286 21:40:20	31			AC7PAR	7530 000000 GYRO OFF NORM			41329:44:785F	03-286/09:09:23	1TI
50	286 21:40:20	31			AC7PAR	6740 000740 PITCH DEADBAND			41329:44:785F	03-286/09:09:23	1TI
51	286 21:40:20	31			AC7PAR	6741 001700 YAW DEADBAND			41329:44:785F	03-286/09:09:23	1TI
52	286 21:40:20	31			AC7PAR	6742 004540 ROLL DEADBAND			41329:44:785F	03-286/09:09:23	1TI
53	286 21:40:20	31			DEADBAND	DEAD BAND STATE: 05 10 25			41329:44:785F	03-286/09:09:23	1TI
54	286 21:40:20	31			CC7SS	1 AACS TO RAI			41329:44:785F	03-286/09:09:23	1TI
55	286 21:40:20	31			CC7CT	01 CST CONE ANGLE 1			41329:44:785F	03-286/09:09:23	1TI
56	286 21:40:20	31			AC7DDB	000480 DEAD BAND CONTROL			41329:44:785F	03-286/09:09:23	1TI
57	286 21:40:20	31			CC7AHRP	SS HTR A OFF			41329:44:785F	03-286/09:09:23	1TI
58	286 21:40:20	31			CC7BHP	SS HTR B ON			41329:44:785F	03-286/09:09:23	1TI
59	286 21:40:20	31			CC7ML	01 FDS CHAN A			41329:44:785F	03-286/09:09:23	1TI
60	286 21:40:20	31			CC7ML	09 TCAPU FAULT ENA			41329:44:785F	03-286/09:09:23	1TI
61	286 21:40:20	31			AC7PCG	61 AACS BAY 6 HTR A OFF			41329:44:785F	03-286/09:09:23	1TI
62	286 21:40:20	31			AC7PCG	71 AACS BAY 6 HTR B OFF			41329:44:785F	03-286/09:09:23	1TI
63	286 21:40:20	31			CC7MMRP	PROC/MEM 2 SELECT			41329:44:785F	03-286/09:09:23	1TI
64	286 21:40:20	31			CC7SHRP	AZ SCAN ACTUATOR HTR OFF			41329:44:785F	03-286/09:09:23	1TI
65	286 21:40:20	31			AC7PCG	22 CST SUN SHUTTER OFF			41329:44:785F	03-286/09:09:23	1TI
66	286 21:40:20	31			AC7PCG	10 ISO VALVE BRANCH 1 OFF			41329:44:785F	03-286/09:09:23	1TI
67	286 21:40:20	31			AC7PCG	20 ISO VALVE BRANCH 2 OFF			41329:44:785F	03-286/09:09:23	1TI
68	286 21:40:20	31			CC1PHP	SCAN PLAT SUPL HTR ON			41329:44:785F	03-286/09:09:23	1TI
69	286 21:40:20	31			CC77MRP	MAM OFF			41329:44:785F	03-286/09:09:23	1TI

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70	286 21:40:20	31			DC77PR	NON-PRIME FCP/MEM OFF			41329:44:785F	03-286/09:09:23	1TI
71	286 21:40:20	31			DC77XR	MAM COMMAND DISABLE			41329:44:785F	03-286/09:09:23	1TI
72	286 21:40:20	31				PYRO STATUS			41329:44:785F	03-286/09:09:23	1TI
73	286 21:40:20	31			CC8D	PSU INSTRUMENTATION ON			41329:44:785F	03-286/09:09:23	1TI
74	286 21:40:20	31			DC8XR	PYRO DISABLE			41329:44:785F	03-286/09:09:23	1TI
75	286 21:40:20	31				PROPULSION STATUS			41329:44:785F	03-286/09:09:23	1TI
76	286 21:40:20	31			CC10CRP	TCM HTR OFF			41329:44:785F	03-286/09:09:23	1TI
77	286 21:40:20	31			CC10DR	AP BR1 HTR OFF			41329:44:785F	03-286/09:09:23	1TI
78	286 21:40:20	31			CC10ER	AP BR2 HTR OFF			41329:44:785F	03-286/09:09:23	1TI
79	286 21:40:20	31			CC10TRP	TCM LINE HTRS OFF			41329:44:785F	03-286/09:09:23	1TI
80	286 21:40:20	31				DSS STATUS			41329:44:785F	03-286/09:09:23	1TI
81	286 21:40:20	31			CC16BR	DSS 10 W REPL HTR OFF			41329:44:785F	03-286/09:09:23	1TI
82	286 21:40:20	31			CC16AP	DSS ON			41329:44:785F	03-286/09:09:23	1TI
83	286 21:40:20	31			CC1DR	BAY 2 19 W HTR OFF			41329:44:785F	03-286/09:09:23	1TI
84	286 21:40:20	31			CC16C	7215 DSS CONTROL			41329:44:785F	03-286/09:09:23	1TI
85	286 21:40:20	31				SCIENCE PWR STATUS			41329:44:785F	03-286/09:09:23	1TI
86	286 21:40:20	31			CC1CR	MAG COIL OFF			41329:44:785F	03-286/09:09:23	1TI
87	286 21:40:20	31			CC21A	CRS ON			41329:44:785F	03-286/09:09:23	1TI
88	286 21:40:20	31			CC21B	CRS REPL HTR ON			41329:44:785F	03-286/09:09:23	1TI
89	286 21:40:20	31			CC21CR	CRS SUPP HTR OFF			41329:44:785F	03-286/09:09:23	1TI
90	286 21:40:20	31			CC22A	PRA ON			41329:44:785F	03-286/09:09:23	1TI
91	286 21:40:20	31			CC23A	PWS ON			41329:44:785F	03-286/09:09:23	1TI
92	286 21:40:20	31			CC25A	LECP ON			41329:44:785F	03-286/09:09:23	1TI

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
93	286 21:40:20	31			CC25B	LECP STEPPER MOTOR ON			41329:44:785F	03-286/09:09:23	1TI
94	286 21:40:20	31			CC25CR	LECP REPL HTR OFF			41329:44:785F	03-286/09:09:23	1TI
95	286 21:40:20	31			CC25D	LECP MAIN SUPP HTR ON			41329:44:785F	03-286/09:09:23	1TI
96	286 21:40:20	31			CC25E	LECP LEPT SUPP HTR ON			41329:44:785F	03-286/09:09:23	1TI
97	286 21:40:20	31			CC27BR	PPS SUPP HTR OFF			41329:44:785F	03-286/09:09:23	1TI
98	286 21:40:20	31			CC32BR	PLS SUPP HTR OFF			41329:44:785F	03-286/09:09:23	1TI
99	286 21:40:20	31			CC32C	PLS REPL HTR ON			41329:44:785F	03-286/09:09:23	1TI
100	286 21:40:20	31			CC34A	UVS ON			41329:44:785F	03-286/09:09:23	1TI
101	286 21:40:20	31			CC34B	UVS REPL HTR ON			41329:44:785F	03-286/09:09:23	1TI
102	286 21:40:20	31			CC35AR	MAG OFF			41329:44:785F	03-286/09:09:23	1TI
103	286 21:40:20	31			CC35B	MAG STANDBY ON			41329:44:785F	03-286/09:09:23	1TI
104	286 21:40:20	31			CC35GR	MAG SENSOR HTR OFF			41329:44:785F	03-286/09:09:23	1TI
105	286 21:40:20	31			CC36GR	ISS WA VID REPL HTR OFF			41329:44:785F	03-286/09:09:23	1TI
106	286 21:40:20	31			CC36HR	ISS WA ELEC REPL HTR OFF			41329:44:785F	03-286/09:09:23	1TI
107	286 21:40:20	31			CC36CRP	ISS NA OPTICS HTR OFF			41329:44:785F	03-286/09:09:23	1TI
108	286 21:40:20	31			CC36FRP	ISS NA VID REPL HTR OFF			41329:44:785F	03-286/09:09:23	1TI
109	286 21:40:20	31			CC36JP	ISS NA ELEC REPL HTR ON			41329:44:785F	03-286/09:09:23	1TI
110	286 21:40:20	31			CC39D	IRIS REPL HTR ON			41329:44:785F	03-286/09:09:23	1TI
111	286 21:40:20	31			CC39FR	IRIS STANDBY A SUPPLY OFF			41329:44:785F	03-286/09:09:23	1TI
112	286 21:40:20	31			CC39BR	IRIS STANDBY B SUPPLY OFF			41329:44:785F	03-286/09:09:23	1TI
113	286 21:40:20	31				SCIENCE INSTRUMENT STATUS			41329:44:785F	03-286/09:09:23	1TI
114	286 21:40:20	31			SC21AF	01000 CRS CMD WORD			41329:44:785F	03-286/09:09:23	1TI
115	286 21:40:20	31			SC21AF	02000 CRS CMD WORD			41329:44:785F	03-286/09:09:23	1TI

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

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116	286 21:40:20	31			SC21AF	03000 CRS CMD WORD			41329:44:785F	03-286/09:09:23	1TI
117	286 21:40:20	31			SC21AF	04000 CRS CMD WORD			41329:44:785F	03-286/09:09:23	1TI
118	286 21:40:20	31			SC21AF	05300 CRS CMD WORD			41329:44:785F	03-286/09:09:23	1TI
119	286 21:40:20	31			SC21AF	06000 CRS CMD WORD			41329:44:785F	03-286/09:09:23	1TI
120	286 21:40:20	31			SC21AF	07200 CRS CMD WORD			41329:44:785F	03-286/09:09:23	1TI
121	286 21:40:20	31			SC21AF	08200 CRS CMD WORD			41329:44:785F	03-286/09:09:23	1TI
122	286 21:40:20	31			SC21AF	10000 CRS CMD WORD			41329:44:785F	03-286/09:09:23	1TI
123	286 21:40:20	31			SC21AF	11000 CRS CMD WORD			41329:44:785F	03-286/09:09:23	1TI
124	286 21:40:20	31			SC21AF	12000 CRS CMD WORD			41329:44:785F	03-286/09:09:23	1TI
125	286 21:40:20	31			SC21AF	13012 CRS CMD WORD			41329:44:785F	03-286/09:09:23	1TI
126	286 21:40:20	31			SC21AG	CRS HV FLAG			41329:44:785F	03-286/09:09:23	1TI
127	286 21:40:20	31			SC21AH	CRS CAL-ST FLAG			41329:44:785F	03-286/09:09:23	1TI
128	286 21:40:20	31			SC22AF	1347 PRA CONFIGURATION CMD			41329:44:785F	03-286/09:09:23	1TI
129	286 21:40:20	31			SC22NU	0000 PRA MODE SELECT			41329:44:785F	03-286/09:09:23	1TI
130	286 21:40:20	31			SC23AD	5 PWS CMD WORD			41329:44:785F	03-286/09:09:23	1TI
131	286 21:40:20	31			SC25AH	1777 LECP CMD WORD			41329:44:785F	03-286/09:09:23	1TI
132	286 21:40:20	31			SC25AH	2417 LECP CMD WORD			41329:44:785F	03-286/09:09:23	1TI
133	286 21:40:20	31			SC25AH	5600 LECP CMD WORD			41329:44:785F	03-286/09:09:23	1TI
134	286 21:40:20	31			SC25AH	6032 LECP CMD WORD			41329:44:785F	03-286/09:09:23	1TI
135	286 21:40:20	31			SC25AJ	1 LECP MOTOR STEP CMD			41329:44:785F	03-286/09:09:23	1TI
136	286 21:40:20	31			SC25AN	0 LECP NEAR/FAR ENC			41329:44:785F	03-286/09:09:23	1TI
137	286 21:40:20	31			SC25AQ	5200 LECP SAFE CMD			41329:44:785F	03-286/09:09:23	1TI
138	286 21:40:20	31			SC32AF	2 PLS E1 INT/AMP GAIN			41329:44:785F	03-286/09:09:23	1TI

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139	286 21:40:20	31			SC32AG	2 PLS E2 INT/AMP GAIN			41329:44:785F	03-286/09:09:23	1TI
140	286 21:40:20	31			SC32AH	3 PLS M INT/AMP GAIN			41329:44:785F	03-286/09:09:23	1TI
141	286 21:40:20	31			SC32AJ	13 PLS CONFIG CMD			41329:44:785F	03-286/09:09:23	1TI
142	286 21:40:20	31			SC32AK	2 PLS L INT/AMP GAIN			41329:44:785F	03-286/09:09:23	1TI
143	286 21:40:20	31			SC32AL	216 PLS M START WORD 1			41329:44:785F	03-286/09:09:23	1TI
144	286 21:40:20	31			SC32AM	216 PLS M START WORD 2			41329:44:785F	03-286/09:09:23	1TI
145	286 21:40:20	31			SC32AN	2 PLS M MODE			41329:44:785F	03-286/09:09:23	1TI
146	286 21:40:20	31			SC32AP	3 PLS E1 SHRT			41329:44:785F	03-286/09:09:23	1TI
147	286 21:40:20	31			SC32AQ	3 PLS E2 SHRT			41329:44:785F	03-286/09:09:23	1TI
148	286 21:40:20	31			SC32AR	3 PLS L SHORT			41329:44:785F	03-286/09:09:23	1TI
149	286 21:40:20	31			SC32AS	2 PLS E1 LONG			41329:44:785F	03-286/09:09:23	1TI
150	286 21:40:20	31			SC32AT	2 PLS E2 LONG			41329:44:785F	03-286/09:09:23	1TI
151	286 21:40:20	31			SC32AU	2 PLS L LONG			41329:44:785F	03-286/09:09:23	1TI
152	286 21:40:20	31			SC34AE	13 UVS MODE/HV LEVEL			41329:44:785F	03-286/09:09:23	1TI
153	286 21:40:20	31			SC34AF	0 UVS READ OUT FLAG			41329:44:785F	03-286/09:09:23	1TI
154	286 21:40:20	31			SC35AI	030001 MAG HFM/EL FLIP/IFC/LFM			41329:44:785F	03-286/09:09:23	1TI
155	286 21:40:20	31			SC35AO	030001 MAG HFM/PRIME/IFC/LFM RAN			41329:44:785F	03-286/09:09:23	1TI
156	286 21:40:21	31				BEGIN SEQUENCE A049 -- LOCK STAR			41329:45:001F	03-286/09:09:23	1T
157	287 00:00:00	31				VGR-31 OWLT IS 12H 30M 58S					1L
158	287 01:02:11	31	40RISE			10.2 DEGREE RISE DSC-40					1V
159	287 02:30:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9561					1DP
160	287 05:01:53	31	10 SET			10.2 DEGREE SET DSC-10					1V
161	287 09:59:29	31	60RISE			10.2 DEGREE RISE DSC-60					1V



FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT 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	287 10:06:40	31	40 SET			10.2 DEGREE SET DSC-40					1V
163	287 12:00:00	31				VGR-31 OWLT IS 12H 31M 03S					1L
164	287 12:45:00	31	54 AOS	OPCH ACE		AOS DSS-54 PASS-9561 (D/L ONLY)					1DP
165	287 12:45:00	31				CFG CODES					1DP
166	287 14:00:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9561 (D/L ONLY)					1DP
167	287 14:00:00	31				CFG CODES					1DP
168	287 14:04:28	31			AC7SSB	(4 +148) SS BIAS CONTROL --- YAW	AACS		41350:15:003F	03-287/01:33:24	1ECa
169	287 17:32:05	31	10RISE			10.2 DEGREE RISE DSC-10					1V
170	287 18:00:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9561					1DP
171	287 18:25:00	31	54 LOS	OPCH ACE		LOS DSS-54 PASS-9561					1DP
172	287 21:07:57	31	60 SET			14.7 DEGREE SET DSC-60					1V
173	288 00:00:00	31				VGR-31 OWLT IS 12H 31M 08S					1L
174	288 00:52:21	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
175	288 00:52:21	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
176	288 00:52:33	31				BEGIN PMPCALLR			41363:45:001F	03-287/12:21:23	1T
177	288 00:56:33	31				B- DRCCR5T			41363:50:001F	03-287/12:25:23	1TB
178	288 00:56:33	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		41363:50:009F	03-287/12:25:24	1ECf

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
179	288 00:57:21	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	41363:51:001F	03-287/12:26:11	1ESf
180	288 00:57:21	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		41363:51:001F	03-287/12:26:11	1ECs
181	288 00:58:16	31	40RISE			10.2 DEGREE RISE DSC-40					1V
182	288 01:03:45	31			SC06BY	(7) FDS PLS/MAG/PESCAL FLAG PLSCAL ENABLED MAGCAL ENABLED PESCAL ENABLED	FDS		41363:59:009F	03-287/12:32:36	1ECf
183	288 01:04:33	31				BEGIN PLS/MAG/PESCAL			41364:00:001F	03-287/12:33:23	1T
184	288 01:50:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-9562 (D/L ONLY)					1DP
185	288 01:50:00	31				CFG CODES					1DP
186	288 02:46:57	31				END PLSCAL			41366:08:001F	03-287/14:15:47	1T
187	288 04:06:58	31				END MAGCAL			41367:48:001F	03-287/15:35:47	1T
188	288 04:20:22	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
189	288 04:20:22	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
190	288 04:24:34	31				END PESCAL			41368:10:001F	03-287/15:53:23	1T
191	288 04:24:34	31				B- DRCSR			41368:10:001F	03-287/15:53:23	1TB
192	288 04:24:34	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		41368:10:009F	03-287/15:53:24	1ECf

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
193	288 04:25:22	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	41368:11:001F	03-287/15:54:11	1ESf
194	288 04:25:22	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		41368:11:002F	03-287/15:54:11	1ECs
195	288 04:25:23	31				END PMPCALLR			41368:11:018F	03-287/15:54:12	1T
196	288 04:57:58	31	10 SET			10.2 DEGREE SET DSC-10					1V
197	288 05:08:23	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
198	288 05:08:23	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
199	288 05:09:11	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
200	288 05:09:11	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
201	288 05:11:47	31				BEGIN PWSREC.31			41369:09:001F	03-287/16:40:35	1T
202	288 05:11:47	31			SC32AJ	(10) PLS CONFIG CMD	FDS		41369:09:010F	03-287/16:40:36	1ECf
203	288 05:12:35	31				B- DRGS4B			41369:10:001F	03-287/16:41:23	1TB
204	288 05:12:35	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		41369:10:009F	03-287/16:41:24	1ECf
205	288 05:13:19	31				BEGIN RECORDING PWS DATA			41369:10:734F	03-287/16:42:07	1T
206	288 05:13:19	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		41369:10:735F	03-287/16:42:08	1ECd

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
207	288 05:13:19	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:2342	DTR		41369:10:735F	03-287/16:42:08	1ESd
208	288 05:13:23	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	41369:11:001F	03-287/16:42:11	1ESf
209	288 05:13:23	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		41369:11:002F	03-287/16:42:12	1ECs
210	288 05:13:24	31				B- DRCRUS			41369:11:018F	03-287/16:42:12	1TB
211	288 05:13:24	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		41369:11:026F	03-287/16:42:13	1ECf
212	288 05:14:11	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	41369:12:001F	03-287/16:42:59	1ESf
213	288 05:14:11	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		41369:12:002F	03-287/16:42:59	1ECs
214	288 05:14:11	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		41369:12:002F	03-287/16:43:00	1ECd
215	288 05:14:11	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2634	DTR		41369:12:002F	03-287/16:43:00	1ESd

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
216	288 05:14:59	31			SC32AJ	(13) PLS CONFIG CMD	FDS		41369:13:010F	03-287/16:43:48	1ECf
217	288 05:15:00	31				END PWSREC.31			41369:13:018F	03-287/16:43:48	1T
218	288 07:00:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-9562					1DP
219	288 09:55:36	31	60RISE			10.2 DEGREE RISE DSC-60					1V
220	288 10:02:47	31	40 SET			10.2 DEGREE SET DSC-40					1V
221	288 12:00:00	31				VGR-31 OWLT IS 12H 31M 13S					1L
222	288 12:45:00	31	54 AOS	OPCH ACE		AOS DSS-54 PASS-9562 (D/L ONLY)					1DP
223	288 12:45:00	31				CFG CODES					1DP
224	288 17:28:11	31	10RISE			10.2 DEGREE RISE DSC-10					1V
225	288 18:45:00	31	54 LOS	OPCH ACE		LOS DSS-54 PASS-9562					1DP
226	288 19:00:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9563 (D/L ONLY)					1DP
227	288 19:00:00	31				CFG CODES					1DP
228	288 21:04:05	31	60 SET			14.7 DEGREE SET DSC-60					1V
229	289 00:00:00	31				VGR-31 OWLT IS 12H 31M 19S					1L
230	289 00:54:20	31	40RISE			10.2 DEGREE RISE DSC-40					1V
231	289 03:40:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9563					1DP
232	289 04:54:03	31	10 SET			10.2 DEGREE SET DSC-10					1V
233	289 09:51:43	31	60RISE			10.2 DEGREE RISE DSC-60					1V
234	289 09:58:54	31	40 SET			10.2 DEGREE SET DSC-40					1V
235	289 12:00:00	31				VGR-31 OWLT IS 12H 31M 24S					1L
236	289 12:45:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9563 (U/L PASS)					1DP
237	289 17:24:18	31	10RISE			10.2 DEGREE RISE DSC-10					1V

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
238	289 21:00:13	31	60 SET			14.7 DEGREE SET DSC-60					1V
239	289 21:35:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9563					1DP
240	289 22:05:00	31	24 AOS	OPCH ACE		AOS DSS-24 PASS-9564 (D/L ONLY)					1DP
241	289 22:05:00	31				CFG CODES					1DP
242	290 00:00:00	31				VGR-31 OWLT IS 12H 31M 29S					1L
243	290 00:50:25	31	40RISE			10.2 DEGREE RISE DSC-40					1V
244	290 03:35:00	31	24 LOS	OPCH ACE		LOS DSS-24 PASS-9564					1DP
245	290 04:50:08	31	10 SET			10.2 DEGREE SET DSC-10					1V
246	290 09:47:50	31	60RISE			10.2 DEGREE RISE DSC-60					1V
247	290 09:55:01	31	40 SET			10.2 DEGREE SET DSC-40					1V
248	290 12:00:00	31				VGR-31 OWLT IS 12H 31M 34S					1L
249	290 12:00:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9564 (D/L ONLY)					1DP
250	290 12:00:00	31				CFG CODES					1DP
251	290 12:35:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9564 (D/L ONLY)					1DP
252	290 12:35:00	31				CFG CODES					1DP
253	290 14:20:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9564					1DP
254	290 17:20:25	31	10RISE			10.2 DEGREE RISE DSC-10					1V
255	290 18:30:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9565 (D/L ONLY)					1DP
256	290 18:30:00	31				CFG CODES					1DP
257	290 18:35:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9564					1DP
258	290 20:56:18	31	60 SET			14.7 DEGREE SET DSC-60					1V

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
259	290 21:10:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9565 (D/L ONLY)					1DP
260	290 21:10:00	31				CFG CODES					1DP
261	290 21:30:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9565					1DP
262	291 00:00:00	31				VGR-31 OWLT IS 12H 31M 39S					1L
263	291 00:46:30	31	40RISE			10.2 DEGREE RISE DSC-40					1V
264	291 03:40:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9565					1DP
265	291 04:46:13	31	10 SET			10.2 DEGREE SET DSC-10					1V
266	291 08:11:30	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		41462:53:002F	03-290/19:39:48	1ECd
267	291 08:11:30	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2641	DTR		41462:53:002F	03-290/19:39:48	1ESd
268	291 08:38:40	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		41463:26:746F	03-290/20:06:56	1ECd
269	291 08:38:40	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2054	DTR		41463:26:746F	03-290/20:06:56	1ESd
270	291 09:43:57	31	60RISE			10.2 DEGREE RISE DSC-60					1V
271	291 09:51:08	31	40 SET			10.2 DEGREE SET DSC-40					1V
272	291 11:08:56	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
273	291 11:08:56	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
274	291 11:09:44	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
275	291 11:09:44	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
276	291 11:11:32	31			CC16C	(7026) DTR STATE SELECT: READY	DTR		41466:38:002F	03-290/22:39:48	1ECd
277	291 11:11:32	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:2054	DTR		41466:38:002F	03-290/22:39:48	1ESd
278	291 11:12:20	31			SC32AJ	(10) PLS CONFIG CMD	FDS		41466:39:009F	03-290/22:40:36	1ECF
279	291 11:12:21	31				AHEL11 PWSREC 06			41466:39:018F	03-290/22:40:36	1T
280	291 11:12:21	31				B- PWSREC.31			41466:39:018F	03-290/22:40:36	1TB
281	291 11:12:21	31				BEGIN PWSREC.31			41466:39:018F	03-290/22:40:36	1T
282	291 11:13:08	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		41466:40:009F	03-290/22:41:24	1ECF
283	291 11:13:09	31				B- DRGS4B			41466:40:018F	03-290/22:41:24	1TB
284	291 11:13:52	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		41466:40:735F	03-290/22:42:08	1ECd
285	291 11:13:52	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:2054	DTR		41466:40:735F	03-290/22:42:08	1ESd
286	291 11:13:53	31				BEGIN RECORDING PWS DATA			41466:40:751F	03-290/22:42:08	1T
287	291 11:13:56	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE -----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	41466:41:001F	03-290/22:42:11	1ESF



FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
288	291 11:13:56	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		41466:41:002F	03-290/22:42:12	1ECs
289	291 11:13:57	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		41466:41:026F	03-290/22:42:13	1ECf
290	291 11:13:58	31				B- DRCRUS			41466:41:034F	03-290/22:42:13	1TB
291	291 11:14:44	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	41466:42:001F	03-290/22:42:59	1ESf
292	291 11:14:44	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		41466:42:002F	03-290/22:43:00	1ECd
293	291 11:14:44	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:1762	DTR		41466:42:002F	03-290/22:43:00	1ESd
294	291 11:14:44	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		41466:42:002F	03-290/22:43:00	1ECs
295	291 11:15:32	31			SC32AJ	(13) PLS CONFIG CMD	FDS		41466:43:009F	03-290/22:43:48	1ECf
296	291 11:15:34	31				END PWSREC.31			41466:43:034F	03-290/22:43:49	1T
297	291 12:00:00	31				VGR-31 OWLT IS 12H 31M 44S					1L
298	291 13:21:09	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		41469:20:002F	03-291/00:49:24	1ECd
299	291 13:21:09	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1755	DTR		41469:20:002F	03-291/00:49:24	1ESd

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
300	291 14:02:08	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		41470:11:183F	03-291/01:30:22	1ECd
301	291 14:02:08	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2641	DTR		41470:11:183F	03-291/01:30:22	1ESd
302	291 16:21:10	31			CC16C	(7015) DTR STATE SELECT: READY	DTR		41473:05:002F	03-291/03:49:24	1ECd
303	291 16:21:10	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2641	DTR		41473:05:002F	03-291/03:49:24	1ESd
304	291 17:15:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9566 (D/L ONLY)					1DP
305	291 17:15:00	31				CFG CODES					1DP
306	291 17:16:32	31	10RISE			10.2 DEGREE RISE DSC-10					1V
307	291 20:52:26	31	60 SET			14.7 DEGREE SET DSC-60					1V
308	291 22:15:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9566 (D/L ONLY)					1DP
309	291 22:15:00	31				CFG CODES					1DP
310	291 22:35:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9566					1DP
311	292 00:00:00	31				VGR-31 OWLT IS 12H 31M 49S					1L
312	292 00:42:35	31	40RISE			10.2 DEGREE RISE DSC-40					1V
313	292 03:30:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9566					1DP
314	292 04:42:18	31	10 SET			10.2 DEGREE SET DSC-10					1V
315	292 05:11:39	31			AC7SSB	(4 +149) SS BIAS CONTROL --- YAW	AACS		41489:08:003F	03-291/16:39:48	1ECa
316	292 09:40:04	31	60RISE			10.2 DEGREE RISE DSC-60					1V
317	292 09:47:16	31	40 SET			10.2 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
318	292 12:00:00	31				VGR-31 OWLT IS 12H 31M 54S					1L
319	292 17:05:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9567 (D/L ONLY)					1DP
320	292 17:05:00	31				CFG CODES					1DP
321	292 17:12:39	31	10RISE			10.2 DEGREE RISE DSC-10					1V
322	292 20:48:34	31	60 SET			14.7 DEGREE SET DSC-60					1V
323	292 22:10:00	31	24 AOS	OPCH ACE		AOS DSS-24 PASS-9567 (D/L ONLY)					1DP
324	292 22:10:00	31				CFG CODES					1DP
325	292 22:30:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9567					1DP
326	293 00:00:00	31				VGR-31 OWLT IS 12H 31M 59S					1L
327	293 00:38:40	31	40RISE			10.2 DEGREE RISE DSC-40					1V
328	293 03:25:00	31	24 LOS	OPCH ACE		LOS DSS-24 PASS-9567					1DP
329	293 04:38:23	31	10 SET			10.2 DEGREE SET DSC-10					1V
330	293 09:36:11	31	60RISE			10.2 DEGREE RISE DSC-60					1V
331	293 09:43:23	31	40 SET			10.2 DEGREE SET DSC-40					1V
332	293 11:00:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9567 (D/L ONLY)					1DP
333	293 11:00:00	31				CFG CODES					1DP
334	293 12:00:00	31				VGR-31 OWLT IS 12H 32M 04S					1L
335	293 15:05:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9567					1DP
336	293 17:08:46	31	10RISE			10.2 DEGREE RISE DSC-10					1V
337	293 18:25:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9568 (D/L ONLY)					1DP
338	293 18:25:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
339	293 20:44:42	31	60 SET			14.7 DEGREE SET DSC-60					1V
340	294 00:00:00	31				VGR-31 OWLT IS 12H 32M 09S					1L
341	294 00:34:45	31	40RISE			10.2 DEGREE RISE DSC-40					1V
342	294 03:20:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9568					1DP
343	294 04:34:28	31	10 SET			10.2 DEGREE SET DSC-10					1V
344	294 09:25:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9568 (D/L ONLY)					1DP
345	294 09:25:00	31				CFG CODES					1DP
346	294 09:32:18	31	60RISE			10.2 DEGREE RISE DSC-60					1V
347	294 09:39:30	31	40 SET			10.2 DEGREE SET DSC-40					1V
348	294 12:00:00	31				VGR-31 OWLT IS 12H 32M 14S					1L
349	294 14:00:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9568					1DP
350	294 16:55:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9569 (U/L PASS)					1DP
351	294 17:04:53	31	10RISE			10.2 DEGREE RISE DSC-10					1V
352	294 20:40:50	31	60 SET			14.7 DEGREE SET DSC-60					1V
353	294 22:15:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9569					1DP
354	294 23:05:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9569 (D/L ONLY)					1DP
355	294 23:05:00	31				CFG CODES					1DP
356	295 00:00:00	31				VGR-31 OWLT IS 12H 32M 19S					1L
357	295 00:30:50	31	40RISE			10.2 DEGREE RISE DSC-40					1V
358	295 03:20:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9569					1DP
359	295 04:30:34	31	10 SET			10.2 DEGREE SET DSC-10					1V
360	295 04:45:33	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
361	295 04:45:33	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
362	295 04:46:21	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
363	295 04:46:21	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
364	295 04:48:57	31				BEGIN PWSREC.31			41578:39:001F	03-294/16:16:35	1T
365	295 04:48:57	31			SC32AJ	(10) PLS CONFIG CMD	FDS		41578:39:010F	03-294/16:16:36	1ECF
366	295 04:49:45	31				B- DRGS4B			41578:40:001F	03-294/16:17:23	1TB
367	295 04:49:45	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		41578:40:009F	03-294/16:17:24	1ECF
368	295 04:50:29	31				BEGIN RECORDING PWS DATA			41578:40:734F	03-294/16:18:07	1T
369	295 04:50:29	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		41578:40:735F	03-294/16:18:08	1ECd
370	295 04:50:29	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:2641	DTR		41578:40:735F	03-294/16:18:08	1ESd
371	295 04:50:33	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	41578:41:001F	03-294/16:18:11	1ESF

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
372	295 04:50:33	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		41578:41:002F	03-294/16:18:12	1ECs
373	295 04:50:34	31				B- DRCRUS			41578:41:018F	03-294/16:18:12	1TB
374	295 04:50:34	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		41578:41:026F	03-294/16:18:13	1ECF
375	295 04:51:21	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	41578:42:001F	03-294/16:18:59	1ESF
376	295 04:51:21	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		41578:42:002F	03-294/16:19:00	1ECs
377	295 04:51:21	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		41578:42:002F	03-294/16:19:00	1ECd
378	295 04:51:21	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2933	DTR		41578:42:002F	03-294/16:19:00	1ESd
379	295 04:52:09	31			SC32AJ	(13) PLS CONFIG CMD	FDS		41578:43:009F	03-294/16:19:48	1ECf
380	295 04:52:10	31				END PWSREC.31			41578:43:018F	03-294/16:19:48	1T
381	295 05:45:00	31	45 AOS	OPCH	ACE	AOS DSS-45 PASS-9569 (D/L ONLY)					1DP
382	295 05:45:00	31				CFG CODES					1DP
383	295 08:15:00	31	45 LOS	OPCH	ACE	LOS DSS-45 PASS-9569					1DP
384	295 09:28:25	31	60RISE			10.2 DEGREE RISE DSC-60					1V
385	295 09:35:37	31	40 SET			10.2 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
386	295 12:00:00	31				VGR-31 OWLT IS 12H 32M 24S					1L
387	295 17:01:00	31	10RISE			10.2 DEGREE RISE DSC-10					1V
388	295 18:15:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9570 (D/L ONLY)					1DP
389	295 18:15:00	31				CFG CODES					1DP
390	295 20:36:58	31	60 SET			14.7 DEGREE SET DSC-60					1V
391	295 21:43:28	31			AC7SSB	(3 +016) SS BIAS CONTROL - PITCH	AACS		41599:47:003F	03-295/09:11:00	1ECa
392	296 00:00:00	31				VGR-31 OWLT IS 12H 32M 28S					1L
393	296 00:26:55	31	40RISE			10.2 DEGREE RISE DSC-40					1V
394	296 02:55:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9570					1DP
395	296 04:26:39	31	10 SET			10.2 DEGREE SET DSC-10					1V
396	296 09:24:33	31	60RISE			10.2 DEGREE RISE DSC-60					1V
397	296 09:31:44	31	40 SET			10.2 DEGREE SET DSC-40					1V
398	296 12:00:00	31				VGR-31 OWLT IS 12H 32M 33S					1L
399	296 16:57:07	31	10RISE			10.2 DEGREE RISE DSC-10					1V
400	296 18:10:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9571 (D/L ONLY)					1DP
401	296 18:10:00	31				CFG CODES					1DP
402	296 20:18:49	31			AC7SSB	(4 +150) SS BIAS CONTROL --- YAW	AACS		41628:01:003F	03-296/07:46:12	1ECa
403	296 20:33:06	31	60 SET			14.6 DEGREE SET DSC-60					1V
404	297 00:00:00	31				VGR-31 OWLT IS 12H 32M 38S					1L
405	297 00:23:00	31	40RISE			10.2 DEGREE RISE DSC-40					1V
406	297 03:10:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9571					1DP
407	297 04:22:44	31	10 SET			10.2 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
408	297 09:20:40	31	60RISE			10.2 DEGREE RISE DSC-60					1V
409	297 09:27:51	31	40 SET			10.2 DEGREE SET DSC-40					1V
410	297 10:15:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9571 (D/L ONLY)					1DP
411	297 10:15:00	31				CFG CODES					1DP
412	297 12:00:00	31				VGR-31 OWLT IS 12H 32M 43S					1L
413	297 12:15:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9571					1DP
414	297 16:53:14	31	10RISE			10.2 DEGREE RISE DSC-10					1V
415	297 19:40:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9572 (D/L ONLY)					1DP
416	297 19:40:00	31				CFG CODES					1DP
417	297 20:29:12	31	60 SET			14.6 DEGREE SET DSC-60					1V
418	298 00:00:00	31				VGR-31 OWLT IS 12H 32M 48S					1L
419	298 00:19:05	31	40RISE			10.2 DEGREE RISE DSC-40					1V
420	298 03:05:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9572					1DP
421	298 04:18:50	31	10 SET			10.2 DEGREE SET DSC-10					1V
422	298 07:48:39	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		41672:23:002F	03-297/19:15:48	1ECd
423	298 07:48:39	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2940	DTR		41672:23:002F	03-297/19:15:48	1ESd
424	298 08:43:29	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		41673:31:431F	03-297/20:10:37	1ECd
425	298 08:43:29	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1755	DTR		41673:31:431F	03-297/20:10:37	1ESd



FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
426	298 09:16:47	31	60RISE			10.2 DEGREE RISE DSC-60					1V
427	298 09:23:58	31	40 SET			10.2 DEGREE SET DSC-40					1V
428	298 10:15:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9572 (D/L ONLY)					1DP
429	298 10:15:00	31				CFG CODES					1DP
430	298 10:46:04	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
431	298 10:46:04	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
432	298 10:46:52	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
433	298 10:46:52	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
434	298 10:48:40	31			CC16C	(7026) DTR STATE SELECT: READY	DTR		41676:08:002F	03-297/22:15:48	1ECd
435	298 10:48:40	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:1755	DTR		41676:08:002F	03-297/22:15:48	1ESd
436	298 10:49:28	31			SC32AJ	(10) PLS CONFIG CMD	FDS		41676:09:009F	03-297/22:16:36	1ECF
437	298 10:49:29	31				AHEL11 PWSREC 07			41676:09:018F	03-297/22:16:36	1T
438	298 10:49:29	31				B- PWSREC.31			41676:09:018F	03-297/22:16:36	1TB
439	298 10:49:29	31				BEGIN PWSREC.31			41676:09:018F	03-297/22:16:36	1T
440	298 10:50:16	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		41676:10:009F	03-297/22:17:24	1ECF

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
441	298 10:50:17	31				B- DRGS4B			41676:10:018F	03-297/22:17:24	1TB
442	298 10:51:00	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		41676:10:735F	03-297/22:18:08	1ECd
443	298 10:51:00	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:1755	DTR		41676:10:735F	03-297/22:18:08	1ESd
444	298 10:51:01	31				BEGIN RECORDING PWS DATA			41676:10:751F	03-297/22:18:08	1T
445	298 10:51:04	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	41676:11:001F	03-297/22:18:11	1ESf
446	298 10:51:04	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		41676:11:002F	03-297/22:18:12	1ECs
447	298 10:51:05	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		41676:11:026F	03-297/22:18:13	1ECf
448	298 10:51:06	31				B- DRCRUS			41676:11:034F	03-297/22:18:13	1TB
449	298 10:51:52	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	41676:12:001F	03-297/22:18:59	1ESf
450	298 10:51:52	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		41676:12:002F	03-297/22:19:00	1ECs
451	298 10:51:52	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		41676:12:002F	03-297/22:19:00	1ECd

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
452	298 10:51:52	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:1463	DTR		41676:12:002F	03-297/22:19:00	1ESd
453	298 10:52:40	31			SC32AJ	(13) PLS CONFIG CMD	FDS		41676:13:009F	03-297/22:19:48	1ECf
454	298 10:52:42	31				END PWSREC.31			41676:13:034F	03-297/22:19:49	1T
455	298 12:00:00	31				VGR-31 OWLT IS 12H 32M 52S					1L
456	298 12:58:17	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		41678:50:002F	03-298/00:25:24	1ECd
457	298 12:58:17	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1456	DTR		41678:50:002F	03-298/00:25:24	1ESd
458	298 14:06:57	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		41680:15:674F	03-298/01:34:04	1ECd
459	298 14:06:57	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2940	DTR		41680:15:674F	03-298/01:34:04	1ESd
460	298 15:58:18	31			CC16C	(7015) DTR STATE SELECT: READY	DTR		41682:35:002F	03-298/03:25:24	1ECd
461	298 15:58:18	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2940	DTR		41682:35:002F	03-298/03:25:24	1ESd
462	298 16:49:21	31	10RISE			10.2 DEGREE RISE DSC-10					1V
463	298 18:25:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9573 (D/L ONLY)					1DP
464	298 18:25:00	31				CFG CODES					1DP
465	298 18:45:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9572					1DP
466	298 20:25:20	31	60 SET			14.6 DEGREE SET DSC-60					1V

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
467	299 00:00:00	31				VGR-31 OWLT IS 12H 32M 57S					1L
468	299 00:15:10	31	40RISE			10.2 DEGREE RISE DSC-40					1V
469	299 01:00:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9573					1DP
470	299 01:10:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-9573 (D/L ONLY)					1DP
471	299 01:10:00	31				CFG CODES					1DP
472	299 04:14:55	31	10 SET			10.2 DEGREE SET DSC-10					1V
473	299 08:05:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-9573					1DP
474	299 09:12:54	31	60RISE			10.2 DEGREE RISE DSC-60					1V
475	299 09:20:06	31	40 SET			10.2 DEGREE SET DSC-40					1V
476	299 10:10:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9573 (D/L ONLY)					1DP
477	299 10:10:00	31				CFG CODES					1DP
478	299 12:00:00	31				VGR-31 OWLT IS 12H 33M 02S					1L
479	299 12:15:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9573					1DP
480	299 16:45:28	31	10RISE			10.2 DEGREE RISE DSC-10					1V
481	299 19:30:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9574 (D/L ONLY)					1DP
482	299 19:30:00	31				CFG CODES					1DP
483	299 20:21:28	31	60 SET			14.6 DEGREE SET DSC-60					1V
484	300 00:00:00	31				VGR-31 OWLT IS 12H 33M 06S					1L
485	300 00:11:16	31	40RISE			10.2 DEGREE RISE DSC-40					1V
486	300 02:55:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9574					1DP
487	300 04:11:00	31	10 SET			10.2 DEGREE SET DSC-10					1V
488	300 09:09:01	31	60RISE			10.2 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
489	300 09:16:13	31	40 SET			10.2 DEGREE SET DSC-40					1V
490	300 12:00:00	31				VGR-31 OWLT IS 12H 33M 11S					1L
491	300 16:41:35	31	10RISE			10.2 DEGREE RISE DSC-10					1V
492	300 17:10:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9575 (D/L ONLY)					1DP
493	300 17:10:00	31				CFG CODES					1DP
494	300 20:17:36	31	60 SET			14.6 DEGREE SET DSC-60					1V
495	301 00:00:00	31				VGR-31 OWLT IS 12H 33M 16S					1L
496	301 00:07:21	31	40RISE			10.2 DEGREE RISE DSC-40					1V
497	301 02:15:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9575					1DP
498	301 04:07:06	31	10 SET			10.2 DEGREE SET DSC-10					1V
499	301 09:05:09	31	60RISE			10.2 DEGREE RISE DSC-60					1V
500	301 09:12:20	31	40 SET			10.2 DEGREE SET DSC-40					1V
501	301 11:25:56	31			AC7SSB	(4 +151) SS BIAS CONTROL --- YAW	AACS		41766:54:003F	03-300/22:52:36	1ECa
502	301 12:00:00	31				VGR-31 OWLT IS 12H 33M 20S					1L
503	301 16:30:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9576 (U/L PASS)					1DP
504	301 16:37:42	31	10RISE			10.2 DEGREE RISE DSC-10					1V
505	301 20:13:44	31	60 SET			14.6 DEGREE SET DSC-60					1V
506	301 23:25:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9576					1DP
507	301 23:30:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9576 (D/L ONLY)					1DP
508	301 23:30:00	31				CFG CODES					1DP
509	302 00:00:00	31				VGR-31 OWLT IS 12H 33M 25S					1L
510	302 00:03:26	31	40RISE			10.2 DEGREE RISE DSC-40					1V

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
511	302 02:50:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9576					1DP
512	302 04:03:11	31	10 SET			10.2 DEGREE SET DSC-10					1V
513	302 04:22:39	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
514	302 04:22:39	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
515	302 04:23:27	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
516	302 04:23:27	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
517	302 04:26:03	31				BEGIN PWSREC.31			41788:09:001F	03-301/15:52:35	1T
518	302 04:26:03	31			SC32AJ	(10) PLS CONFIG CMD	FDS		41788:09:009F	03-301/15:52:36	1ECf
519	302 04:26:51	31				B- DRGS4B			41788:10:001F	03-301/15:53:23	1TB
520	302 04:26:51	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		41788:10:009F	03-301/15:53:24	1ECf
521	302 04:27:35	31				BEGIN RECORDING PWS DATA			41788:10:734F	03-301/15:54:07	1T
522	302 04:27:35	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		41788:10:735F	03-301/15:54:08	1ECd
523	302 04:27:35	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:2940	DTR		41788:10:735F	03-301/15:54:08	1ESd

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
524	302 04:27:39	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	41788:11:001F	03-301/15:54:11	1ESf
525	302 04:27:39	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		41788:11:002F	03-301/15:54:12	1ECs
526	302 04:27:40	31				B- DRCRUS			41788:11:018F	03-301/15:54:12	1TB
527	302 04:27:40	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		41788:11:026F	03-301/15:54:13	1ECf
528	302 04:28:27	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	41788:12:001F	03-301/15:54:59	1ESf
529	302 04:28:27	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		41788:12:002F	03-301/15:54:59	1ECs
530	302 04:28:27	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		41788:12:002F	03-301/15:55:00	1ECd
531	302 04:28:27	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:3232	DTR		41788:12:002F	03-301/15:55:00	1ESd
532	302 04:29:15	31			SC32AJ	(13) PLS CONFIG CMD	FDS		41788:13:009F	03-301/15:55:48	1ECf
533	302 04:29:16	31				END PWSREC.31			41788:13:018F	03-301/15:55:48	1T
534	302 09:01:16	31	60RISE			10.2 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
535	302 09:08:27	31	40 SET			10.2 DEGREE SET DSC-40					1V
536	302 12:00:00	31				VGR-31 OWLT IS 12H 33M 29S					1L
537	302 15:00:00	31	54 AOS	OPCH ACE		AOS DSS-54 PASS-9576 (D/L ONLY)					1DP
538	302 15:00:00	31				CFG CODES					1DP
539	302 16:33:49	31	10RISE			10.2 DEGREE RISE DSC-10					1V
540	302 17:25:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9577 (D/L ONLY)					1DP
541	302 17:25:00	31				CFG CODES					1DP
542	302 17:50:00	31	54 LOS	OPCH ACE		LOS DSS-54 PASS-9576					1DP
543	302 18:20:32	31				TAPPOS-1705			41805:32:001F	03-302/05:46:59	1T
544	302 18:20:32	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		41805:32:002F	03-302/05:47:00	1ECd
545	302 18:20:32	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3239	DTR		41805:32:002F	03-302/05:47:00	1ESd
546	302 19:31:34	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		41807:00:635F	03-302/06:58:01	1ECd
547	302 19:31:34	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1704	DTR		41807:00:635F	03-302/06:58:01	1ESd
548	302 20:00:32	31				FWD/TRK 3			41807:37:001F	03-302/07:26:59	1T
549	302 20:00:32	31			CC16C	(7013) DTR STATE SELECT: READY	DTR		41807:37:001F	03-302/07:26:59	1ECd
550	302 20:00:32	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:1704	DTR		41807:37:001F	03-302/07:26:59	1ESd



FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
551	302 20:03:33	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN D/L CARRIER SIG LEVEL					11EC
552	302 20:04:33	31				B- PWSPB.31			41807:42:001F	03-302/07:30:59	1TB
553	302 20:04:33	31				BEGIN PWSPBA31			41807:42:001F	03-302/07:30:59	1T
554	302 20:04:33	31				CHECK IF RFLOSS FAIL			41807:42:001F	03-302/07:30:59	1T
555	302 20:04:33	31				IF FAIL SKIP HIGHPWR			41807:42:001F	03-302/07:30:59	1T
556	302 20:04:33	31			CC1TR	BAY 1 HTR OFF	PWR		41807:42:003F	03-302/07:31:00	1ECp
557	302 20:08:33	31				X BAND HIGH POWER			41807:47:001F	03-302/07:34:59	1T
558	302 20:08:33	31			DC2H	X-BAND TWT HIGH POWER	RFS		41807:47:002F	03-302/07:34:59	1ECr
559	302 20:09:52	31	60 SET			14.6 DEGREE SET DSC-60					1V
560	302 21:04:33	31				B- YAW05			41808:57:001F	03-302/08:30:59	1TB
561	302 21:04:33	31				YAW05			41808:57:001F	03-302/08:30:59	1T
562	302 21:04:33	31			AC7PAR	(6741 000740) +YAW DB=.05 DEG	AACS		41808:57:004F	03-302/08:31:00	1ECa
563	302 21:08:21	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
564	302 21:08:21	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=39 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
565	302 21:08:21	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
566	302 21:12:33	31				B- DRPBDB.31			41809:07:001F	03-302/08:38:59	1TB
567	302 21:12:33	31				BEGIN DDPB1431			41809:07:001F	03-302/08:38:59	1T
568	302 21:12:33	31			SC06BB	(12 0 07 0) FDS MODE TO: PB-14 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		41809:07:009F	03-302/08:39:00	1ECf



FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
584	303 03:43:35	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
585	303 03:43:35	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
586	303 03:47:47	31				B- DRCSR			41817:21:001F	03-302/15:14:11	1TB
587	303 03:47:47	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		41817:21:009F	03-302/15:14:12	1ECF
588	303 03:48:35	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	41817:22:001F	03-302/15:14:59	1ESf
589	303 03:48:35	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		41817:22:002F	03-302/15:15:00	1ECs
590	303 03:48:35	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		41817:22:002F	03-302/15:15:00	1ECd
591	303 03:48:35	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:3469	DTR		41817:22:002F	03-302/15:15:00	1ESd
592	303 03:48:35	31			CC6AD	(3 2 0 0) SVC-W4 FDS MEM B WRT PROTECT	FDS		41817:22:003F	03-302/15:15:00	1ECF
593	303 03:48:35	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	41817:22:003F	03-302/15:15:00	1ESf
594	303 03:48:36	31				END PLAYBACK			41817:22:018F	03-302/15:15:00	1T

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
595	303 03:59:17	31	10 SET			10.2 DEGREE SET DSC-10					1V
596	303 04:02:59	31				B- YAWDB			41817:40:001F	03-302/15:29:23	1TB
597	303 04:02:59	31				YAWDB - .10			41817:40:001F	03-302/15:29:23	1T
598	303 04:02:59	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		41817:40:004F	03-302/15:29:24	1ECa
599	303 04:10:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9577					1DP
600	303 08:57:23	31	60RISE			10.2 DEGREE RISE DSC-60					1V
601	303 09:04:35	31	40 SET			10.2 DEGREE SET DSC-40					1V
602	303 12:00:00	31				VGR-31 OWLT IS 12H 33M 38S					1L
603	303 14:35:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9577 (D/L ONLY)					1DP
604	303 14:35:00	31				CFG CODES					1DP
605	303 16:29:56	31	10RISE			10.2 DEGREE RISE DSC-10					1V
606	303 19:15:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9578 (D/L ONLY)					1DP
607	303 19:15:00	31				CFG CODES					1DP
608	303 19:30:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9577					1DP
609	303 19:36:41	31				TAPPOS-0550			41837:07:001F	03-303/07:02:59	1T
610	303 19:36:41	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		41837:07:001F	03-303/07:02:59	1ECd
611	303 19:36:41	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3470	DTR		41837:07:001F	03-303/07:02:59	1ESd
612	303 20:06:00	31	60 SET			14.6 DEGREE SET DSC-60					1V
613	303 21:51:50	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		41839:55:739F	03-303/09:18:08	1ECd

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
614	303 21:51:50	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:0550	DTR		41839:55:739F	03-303/09:18:08	1ESd
615	303 22:24:42	31				FWD/TRK 1			41840:37:001F	03-303/09:50:59	1T
616	303 22:24:42	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		41840:37:001F	03-303/09:50:59	1ECd
617	303 22:24:42	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:0550	DTR		41840:37:001F	03-303/09:50:59	1ESd
618	303 22:24:43	31				END DAIN31			41840:37:018F	03-303/09:51:00	1T
619	303 23:55:37	31	40RISE			10.2 DEGREE RISE DSC-40					1V
620	304 00:00:00	31				VGR-31 OWLT IS 12H 33M 43S					1L
621	304 01:29:32	31			AC7SSB	(3 +015) SS BIAS CONTROL - PITCH	AACS		41844:28:003F	03-303/12:55:48	1ECa
622	304 02:45:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9578					1DP
623	304 03:55:23	31	10 SET			10.2 DEGREE SET DSC-10					1V
624	304 08:53:30	31	60RISE			10.2 DEGREE RISE DSC-60					1V
625	304 09:00:42	31	40 SET			10.2 DEGREE SET DSC-40					1V
626	304 12:00:00	31				VGR-31 OWLT IS 12H 33M 47S					1L
627	304 16:26:03	31	10RISE			10.2 DEGREE RISE DSC-10					1V
628	304 17:40:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9579 (D/L ONLY)					1DP
629	304 17:40:00	31				CFG CODES					1DP
630	304 20:02:08	31	60 SET			14.6 DEGREE SET DSC-60					1V
631	304 20:22:26	31				B- GYONBC.31			41868:04:001F	03-304/07:48:35	1TB
632	304 20:22:26	31				BEGIN GYONBC31			41868:04:001F	03-304/07:48:35	1T

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
633	304 20:22:26	31			AC7GYP	(111) DRIRU PATTERN CONTROL GYRO/AXIS=B/PITCH C/YAW & ROLL	AACS		41868:04:003F	03-304/07:48:36	1ECa
634	304 20:22:26	31			CC7GARP	GYRO A OFF	PWR		41868:04:004F	03-304/07:48:36	1ECp
635	304 20:22:26	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS		41868:04:004F	03-304/07:48:36	1ESa
636	304 20:22:26	31			CC7GARP	GYRO A OFF	PWR		41868:04:006F	03-304/07:48:36	1ECp
637	304 20:22:26	31			CC7PC	(352) GYRO A OFF	AACS		41868:04:008F	03-304/07:48:36	1ECa
638	304 20:22:26	31			CC7GCP	GYRO C ON	PWR		41868:04:009F	03-304/07:48:36	1ECp
639	304 20:22:26	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: ON	AACS		41868:04:009F	03-304/07:48:36	1ESa
640	304 20:22:27	31			CC7GCP	GYRO C ON	PWR		41868:04:011F	03-304/07:48:36	1ECp
641	304 20:22:27	31			CC7PC	(373) GYRO C ON	AACS		41868:04:013F	03-304/07:48:36	1ECa
642	304 20:22:27	31			CC7GBP	GYRO B ON	PWR		41868:04:013F	03-304/07:48:36	1ECp
643	304 20:22:27	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		41868:04:013F	03-304/07:48:36	1ESa
644	304 20:22:27	31			CC7GBP	GYRO B ON	PWR		41868:04:016F	03-304/07:48:36	1ECp
645	304 20:22:27	31			CC7PC	(363) GYRO B ON	AACS		41868:04:018F	03-304/07:48:36	1ECa
646	304 20:22:55	31				DRIRU INITIALIZATION			41868:04:484F	03-304/07:49:04	1T
647	304 20:22:56	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		41868:04:502F	03-304/07:49:06	1ECa

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
648	304 20:23:25	31				SET CALIB			41868:05:184F	03-304/07:49:34	1T
649	304 20:23:26	31			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		41868:05:204F	03-304/07:49:36	1ECa
650	304 20:32:26	31				START GYRO FAULT TEST			41868:16:384F	03-304/07:58:34	1T
651	304 20:32:27	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		41868:16:402F	03-304/07:58:36	1ECa
652	304 20:32:28	31				END GYONBC31			41868:16:418F	03-304/07:58:36	1T
653	304 21:22:27	31				B- CCSTIMB			41869:19:001F	03-304/08:48:35	1TB
654	304 21:22:27	31				EXECUTE CCSTIMB FINE			41869:19:001F	03-304/08:48:35	1T
655	304 23:51:43	31	40RISE			10.2 DEGREE RISE DSC-40					1V
656	305 00:00:00	31				VGR-31 OWLT IS 12H 33M 52S					1L
657	305 02:20:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-9579 (D/L ONLY)					1DP
658	305 02:20:00	31				CFG CODES					1DP
659	305 02:40:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9579					1DP
660	305 03:51:28	31	10 SET			10.2 DEGREE SET DSC-10					1V
661	305 04:50:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-9579					1DP
662	305 07:25:43	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		41881:53:002F	03-304/18:51:48	1ECd
663	305 07:25:43	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0550	DTR		41881:53:002F	03-304/18:51:48	1ESd
664	305 08:07:40	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		41882:45:355F	03-304/19:33:45	1ECd
665	305 08:07:40	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1457	DTR		41882:45:355F	03-304/19:33:45	1ESd
666	305 08:49:38	31	60RISE			10.2 DEGREE RISE DSC-60					1V

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
667	305 08:56:49	31	40	SET		10.2 DEGREE SET DSC-40					1V
668	305 09:30:00	31	63	AOS	OPCH ACE	AOS DSS-63 PASS-9579 (D/L ONLY)					1DP
669	305 09:30:00	31				CFG CODES					1DP
670	305 10:23:08	31		ACE	OPCH	>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
671	305 10:23:08	31		ACE	OPCH	>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
672	305 10:23:56	31		ACE	OPCH	>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
673	305 10:23:56	31		ACE	OPCH	>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
674	305 10:25:44	31			CC16C	(7026) DTR STATE SELECT: READY	DTR		41885:38:002F	03-304/21:51:48	1ECd
675	305 10:25:44	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:1457	DTR		41885:38:002F	03-304/21:51:48	1ESd
676	305 10:26:32	31			SC32AJ	(10) PLS CONFIG CMD	FDS		41885:39:009F	03-304/21:52:36	1ECF
677	305 10:26:33	31				AHEL11 PWSREC 08			41885:39:018F	03-304/21:52:36	1T
678	305 10:26:33	31				B- PWSREC.31			41885:39:018F	03-304/21:52:36	1TB
679	305 10:26:33	31				BEGIN PWSREC.31			41885:39:018F	03-304/21:52:36	1T
680	305 10:27:20	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		41885:40:009F	03-304/21:53:24	1ECF
681	305 10:27:21	31				B- DRGS4B			41885:40:018F	03-304/21:53:24	1TB



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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
682	305 10:28:04	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		41885:40:735F	03-304/21:54:08	1ECd
683	305 10:28:04	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:1457	DTR		41885:40:735F	03-304/21:54:08	1ESd
684	305 10:28:05	31				BEGIN RECORDING PWS DATA			41885:40:751F	03-304/21:54:08	1T
685	305 10:28:08	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	41885:41:001F	03-304/21:54:11	1ESf
686	305 10:28:08	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		41885:41:002F	03-304/21:54:12	1ECs
687	305 10:28:09	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		41885:41:026F	03-304/21:54:13	1ECf
688	305 10:28:10	31				B- DRCRUS			41885:41:034F	03-304/21:54:13	1TB
689	305 10:28:56	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	41885:42:001F	03-304/21:54:59	1ESf
690	305 10:28:56	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		41885:42:002F	03-304/21:55:00	1ECd
691	305 10:28:56	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:1164	DTR		41885:42:002F	03-304/21:55:00	1ESd

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
692	305 10:28:56	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		41885:42:002F	03-304/21:55:00	1ECs
693	305 10:29:44	31			SC32AJ	(13) PLS CONFIG CMD	FDS		41885:43:009F	03-304/21:55:48	1ECf
694	305 10:29:46	31				END PWSREC.31			41885:43:034F	03-304/21:55:49	1T
695	305 12:00:00	31				VGR-31 OWLT IS 12H 33M 56S					1L
696	305 12:35:20	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		41888:20:002F	03-305/00:01:24	1ECd
697	305 12:35:20	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:1158	DTR		41888:20:002F	03-305/00:01:24	1ESd
698	305 13:03:28	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		41888:55:111F	03-305/00:29:30	1ECd
699	305 13:03:28	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:0550	DTR		41888:55:111F	03-305/00:29:30	1ESd
700	305 15:35:22	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		41892:05:002F	03-305/03:01:24	1ECd
701	305 15:35:22	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:0550	DTR		41892:05:002F	03-305/03:01:24	1ESd
702	305 16:10:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9580 (D/L ONLY)					1DP
703	305 16:10:00	31				CFG CODES					1DP
704	305 16:15:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9579					1DP
705	305 16:22:10	31	10RISE			10.2 DEGREE RISE DSC-10					1V
706	305 19:58:16	31	60 SET			14.6 DEGREE SET DSC-60					1V

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
707	305 23:47:48	31	40RISE			10.2 DEGREE RISE DSC-40					1V
708	306 00:00:00	31				VGR-31 OWLT IS 12H 34M 01S					1L
709	306 00:50:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9580					1DP
710	306 02:30:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-9580 (D/L ONLY)					1DP
711	306 02:30:00	31				CFG CODES					1DP
712	306 02:33:02	31			AC7SSB	(4 +152) SS BIAS CONTROL --- YAW	AACS		41905:47:003F	03-305/13:59:00	1ECa
713	306 03:47:34	31	10 SET			10.2 DEGREE SET DSC-10					1V
714	306 07:10:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-9580					1DP
715	306 08:45:45	31	60RISE			10.2 DEGREE RISE DSC-60					1V
716	306 08:52:57	31	40 SET			10.2 DEGREE SET DSC-40					1V
717	306 12:00:00	31				VGR-31 OWLT IS 12H 34M 05S					1L
718	306 13:45:00	31	54 AOS	OPCH ACE		AOS DSS-54 PASS-9580 (D/L ONLY)					1DP
719	306 13:45:00	31				CFG CODES					1DP
720	306 16:18:18	31	10RISE			10.2 DEGREE RISE DSC-10					1V
721	306 17:30:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9581 (D/L ONLY)					1DP
722	306 17:30:00	31				CFG CODES					1DP
723	306 17:35:00	31	54 LOS	OPCH ACE		LOS DSS-54 PASS-9580					1DP
724	306 19:54:24	31	60 SET			14.6 DEGREE SET DSC-60					1V
725	306 23:43:54	31	40RISE			10.2 DEGREE RISE DSC-40					1V
726	307 00:00:00	31				VGR-31 OWLT IS 12H 34M 09S					1L
727	307 02:30:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9581					1DP
728	307 03:43:40	31	10 SET			10.2 DEGREE SET DSC-10					1V

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
729	307 08:41:52	31	60RISE			10.2 DEGREE RISE DSC-60					1V
730	307 08:49:04	31	40 SET			10.2 DEGREE SET DSC-40					1V
731	307 11:25:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9581 (D/L ONLY)					1DP
732	307 11:25:00	31				CFG CODES					1DP
733	307 12:00:00	31				VGR-31 OWLT IS 12H 34M 14S					1L
734	307 16:14:25	31	10RISE			10.2 DEGREE RISE DSC-10					1V
735	307 16:25:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9581					1DP
736	307 19:50:29	31	60 SET			14.6 DEGREE SET DSC-60					1V
737	307 21:30:00	31	24 AOS	OPCH ACE		AOS DSS-24 PASS-9582 (D/L ONLY)					1DP
738	307 21:30:00	31				CFG CODES					1DP
739	307 23:40:00	31	40RISE			10.2 DEGREE RISE DSC-40					1V
740	308 00:00:00	31				VGR-31 OWLT IS 12H 34M 18S					1L
741	308 02:20:00	31	24 LOS	OPCH ACE		LOS DSS-24 PASS-9582					1DP
742	308 03:39:46	31	10 SET			10.2 DEGREE SET DSC-10					1V
743	308 08:35:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9582 (U/L PASS)					1DP
744	308 08:38:00	31	60RISE			10.2 DEGREE RISE DSC-60					1V
745	308 08:45:11	31	40 SET			10.2 DEGREE SET DSC-40					1V
746	308 12:00:00	31				VGR-31 OWLT IS 12H 34M 22S					1L
747	308 15:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9582					1DP
748	308 16:10:32	31	10RISE			10.2 DEGREE RISE DSC-10					1V
749	308 17:35:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9583 (D/L ONLY)					1DP
750	308 17:35:00	31				CFG CODES					1DP

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
751	308 19:46:37	31	60	SET		14.6 DEGREE SET DSC-60					1V
752	308 21:08:01	31	14	TRK DSS		ASCAL PREP ===== ANTENNA DRIVE TO PRECISION ONE (70 METER STATION ONLY) PRIME DATA SOURCE=X BAND AGC ===== TURN CONSCAN -----> OFF (IF ON)					1TD
753	308 21:18:49	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
754	308 21:18:49	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=30 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
755	308 21:23:01	31				B- ASCAL			41989:19:001F	03-308/08:48:35	1TB
756	308 21:23:01	31				B- DREL40			41989:19:001F	03-308/08:48:35	1TB
757	308 21:23:01	31			SC06BB	(32 0 07 0) FDS MODE TO: EL-40 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		41989:19:009F	03-308/08:48:36	1ECf
758	308 21:23:01	31	14	OPCH 14		START ASCAL ===== DSS-14: MONITOR X-BD AGC VARIATIONS DURING ASCAL IF X-BD RCVR DROPS LOCK INITIATE AUTO ACQUIRE					1TD
759	308 21:23:49	31		ACE OPCH		FDS STATUS EL-40/X40/S40 MEM:PA/FDS11	FDS	CE-40	41989:20:001F	03-308/08:49:23	1ESf

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
760	308 21:23:49	31			CC3A	(30310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=30 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		41989:20:002F	03-308/08:49:23	1ECs
761	308 21:39:01	31				.05 ALL AXES DEADBAND			41989:39:001F	03-308/09:04:35	1T
762	308 21:39:01	31			AC7DDB	(000480) CHG TO .05 DEG DEADBAND	AACS		41989:39:003F	03-308/09:04:36	1ECa
763	308 21:55:02	31			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		41989:59:002F	03-308/09:20:36	1ECa
764	308 21:55:02	31				AACS STATUS MODE : AAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS	41989:59:002F	03-308/09:20:36	1ESa	
765	308 21:55:02	31			CC7GARP	GYRO A OFF	PWR		41989:59:003F	03-308/09:20:36	1ECp
766	308 21:55:02	31			CC7GARP	GYRO A OFF	PWR		41989:59:005F	03-308/09:20:36	1ECp
767	308 21:55:02	31			CC7PC	(352) GYRO A OFF	AACS		41989:59:007F	03-308/09:20:36	1ECa
768	308 21:55:02	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		41989:59:007F	03-308/09:20:36	1ECp
769	308 21:55:02	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		41989:59:010F	03-308/09:20:36	1ECp
770	308 21:55:03	31			CC7PC	(312) DUMMY PWR CMD	AACS		41989:59:012F	03-308/09:20:36	1ECa
771	308 21:55:48	31	14	OPCH 14		ASCAL =====					1TD
772	308 21:55:50	31				START FIRST YAW DRIFT TURN			41990:00:001F	03-308/09:21:23	1T
773	308 21:55:50	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		41990:00:003F	03-308/09:21:24	1ECa
774	308 21:59:50	31			AC7PAR	(7015 764220) PARAMETER LOAD	AACS		41990:05:003F	03-308/09:25:24	1ECa
775	308 22:07:50	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		41990:15:003F	03-308/09:33:24	1ECa

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
776	308 22:11:49	31	14	OPCH 14		ASCAL =====					1TD
777	308 22:11:50	31			AC7PAR	(7015 000000) PARAMETER LOAD	AACS		41990:20:003F	03-308/09:37:24	1ECa
778	308 22:11:51	31				END THIRD YAW DRIFT TURN			41990:20:018F	03-308/09:37:24	1T
779	308 22:12:36	31	14	OPCH 14		ASCAL =====					1TD
780	308 22:12:38	31				START FIRST PITCH DRIFT TURN			41990:21:001F	03-308/09:38:11	1T
781	308 22:12:38	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		41990:21:003F	03-308/09:38:12	1ECa
782	308 22:16:38	31			AC7PAR	(7014 764220) PARAMETER LOAD	AACS		41990:26:003F	03-308/09:42:12	1ECa
783	308 22:24:38	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		41990:36:003F	03-308/09:50:12	1ECa
784	308 22:28:37	31	14	OPCH 14		ASCAL =====					1TD
785	308 22:28:38	31			AC7PAR	(7014 000000) PARAMETER LOAD	AACS		41990:41:003F	03-308/09:54:12	1ECa
786	308 22:28:39	31				END THIRD PITCH DRIFT TURN			41990:41:018F	03-308/09:54:12	1T
787	308 22:30:14	31			CC7SS	(1) SS SEARCH ENABLE	AACS		41990:43:001F	03-308/09:55:47	1ECa
788	308 22:30:14	31				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS	41990:43:001F	03-308/09:55:47	1ESa	
789	308 22:30:14	31			CC7PC	(327) IDET ACQUIRED	AACS		41990:43:002F	03-308/09:55:48	1ECa
790	308 22:30:14	31			CC7GARP	GYRO A OFF	PWR		41990:43:003F	03-308/09:55:48	1ECp

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
791	308 22:30:14	31			CC7GARP	GYRO A OFF	PWR		41990:43:005F	03-308/09:55:48	1ECp
792	308 22:30:14	31			CC7PC	(352) GYRO A OFF	AACS		41990:43:007F	03-308/09:55:48	1ECa
793	308 22:30:14	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		41990:43:008F	03-308/09:55:48	1ECp
794	308 22:30:14	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		41990:43:010F	03-308/09:55:48	1ECp
795	308 22:30:15	31			CC7PC	(312) DUMMY PWR CMD	AACS		41990:43:012F	03-308/09:55:48	1ECa
796	308 22:30:50	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
797	308 22:30:50	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
798	308 22:31:50	31			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		41990:45:001F	03-308/09:57:23	1ECa
799	308 22:32:55	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS	41990:46:285F	03-308/09:58:28	1ESa	
800	308 22:32:55	31			CC7PC	(307) STAR ACQUIRED	AACS		41990:46:285F	03-308/09:58:28	1ECa
801	308 22:32:55	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		41990:46:286F	03-308/09:58:29	1ECp
802	308 22:32:55	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		41990:46:288F	03-308/09:58:29	1ECp
803	308 22:32:55	31			CC7PC	(312) DUMMY PWR CMD	AACS		41990:46:290F	03-308/09:58:29	1ECa
804	308 22:35:02	31				B- DRCRUS			41990:49:001F	03-308/10:00:35	1TB
805	308 22:35:02	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	41990:49:009F	03-308/10:00:36	1ECf	



FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT 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	308 22:35:50	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	41990:50:001F	03-308/10:01:23	1ESf
807	308 22:35:50	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		41990:50:002F	03-308/10:01:23	1ECs
808	308 22:41:26	31				B- YAWDB			41990:57:001F	03-308/10:06:59	1TB
809	308 22:41:26	31				YAWDB - .10			41990:57:001F	03-308/10:06:59	1T
810	308 22:41:26	31				B- ROLLDB			41990:57:001F	03-308/10:06:59	1TB
811	308 22:41:26	31				ROLLDB - .25			41990:57:001F	03-308/10:06:59	1T
812	308 22:41:26	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		41990:57:003F	03-308/10:07:00	1ECa
813	308 22:41:26	31			AC7PAR	(6742 004540) +ROLL DB=.25 DEG	AACS		41990:57:005F	03-308/10:07:00	1ECa
814	308 22:41:27	31	14	OPCH 14		END ASCAL					1TD
815	308 22:43:02	31				RESTART GYRO FAULT TEST			41990:59:001F	03-308/10:08:35	1T
816	308 22:43:02	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		41990:59:001F	03-308/10:08:35	1ECa
817	308 22:55:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9583					1DP
818	308 23:36:05	31	40RISE			10.2 DEGREE RISE DSC-40					1V
819	309 00:00:00	31				VGR-31 OWLT IS 12H 34M 26S					1L
820	309 03:35:51	31	10 SET			10.2 DEGREE SET DSC-10					1V
821	309 03:59:40	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
822	309 03:59:40	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
823	309 04:00:28	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
824	309 04:00:28	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
825	309 04:03:04	31				BEGIN PWSREC.31			41997:39:001F	03-308/15:28:35	1T
826	309 04:03:04	31			SC32AJ	(10) PLS CONFIG CMD	FDS		41997:39:010F	03-308/15:28:36	1ECf
827	309 04:03:52	31				B- DRGS4B			41997:40:001F	03-308/15:29:23	1TB
828	309 04:03:52	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		41997:40:009F	03-308/15:29:24	1ECf
829	309 04:04:36	31				BEGIN RECORDING PWS DATA			41997:40:734F	03-308/15:30:07	1T
830	309 04:04:36	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		41997:40:735F	03-308/15:30:08	1ECd
831	309 04:04:36	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:0550	DTR		41997:40:735F	03-308/15:30:08	1ESd
832	309 04:04:40	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	41997:41:001F	03-308/15:30:11	1ESf
833	309 04:04:40	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		41997:41:002F	03-308/15:30:12	1ECs
834	309 04:04:41	31				B- DRCRUS			41997:41:018F	03-308/15:30:12	1TB

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
835	309 04:04:41	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		41997:41:026F	03-308/15:30:13	1ECf
836	309 04:05:28	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	41997:42:001F	03-308/15:30:59	1ESf
837	309 04:05:28	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		41997:42:002F	03-308/15:30:59	1ECs
838	309 04:05:28	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		41997:42:002F	03-308/15:31:00	1ECd
839	309 04:05:28	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:0843	DTR		41997:42:002F	03-308/15:31:00	1ESd
840	309 04:06:16	31			SC32AJ	(13) PLS CONFIG CMD	FDS		41997:43:009F	03-308/15:31:48	1ECf
841	309 04:06:17	31				END PWSREC.31			41997:43:018F	03-308/15:31:48	1T
842	309 08:34:07	31	60RISE			10.2 DEGREE RISE DSC-60					1V
843	309 08:41:19	31	40 SET			10.2 DEGREE SET DSC-40					1V
844	309 09:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9583 (D/L ONLY)					1DP
845	309 09:30:00	31				CFG CODES					1DP
846	309 11:20:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9583 (D/L ONLY)					1DP
847	309 11:20:00	31				CFG CODES					1DP
848	309 11:40:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9583					1DP
849	309 12:00:00	31				VGR-31 OWLT IS 12H 34M 30S					1L

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
850	309 14:00:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9583					1DP
851	309 16:06:39	31	10RISE			10.2 DEGREE RISE DSC-10					1V
852	309 18:41:33	31				B- DAIN.31			42015:57:001F	03-309/06:06:59	1TB
853	309 18:41:33	31				BEGIN DAIN31			42015:57:001F	03-309/06:06:59	1T
854	309 18:45:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9584 (D/L ONLY)					1DP
855	309 18:45:00	31				CFG CODES					1DP
856	309 19:42:45	31	60 SET			14.6 DEGREE SET DSC-60					1V
857	309 22:20:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9584					1DP
858	309 23:32:11	31	40RISE			10.2 DEGREE RISE DSC-40					1V
859	310 00:00:00	31				VGR-31 OWLT IS 12H 34M 35S					1L
860	310 03:31:57	31	10 SET			10.2 DEGREE SET DSC-10					1V
861	310 08:30:14	31	60RISE			10.2 DEGREE RISE DSC-60					1V
862	310 08:37:26	31	40 SET			10.2 DEGREE SET DSC-40					1V
863	310 11:10:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9584 (D/L ONLY)					1DP
864	310 11:10:00	31				CFG CODES					1DP
865	310 12:00:00	31				VGR-31 OWLT IS 12H 34M 39S					1L
866	310 15:10:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9584					1DP
867	310 16:02:46	31	10RISE			10.2 DEGREE RISE DSC-10					1V
868	310 17:15:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9585 (D/L ONLY)					1DP
869	310 17:15:00	31				CFG CODES					1DP
870	310 17:40:05	31			AC7SSB	(4 +153) SS BIAS CONTROL --- YAW	AACS		42044:40:003F	03-310/05:05:24	1ECa
871	310 19:38:53	31	60 SET			14.5 DEGREE SET DSC-60					1V

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
872	310 23:20:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9585					1DP
873	310 23:28:17	31	40RISE			10.2 DEGREE RISE DSC-40					1V
874	311 00:00:00	31				VGR-31 OWLT IS 12H 34M 43S					1L
875	311 00:30:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9585 (D/L ONLY)					1DP
876	311 00:30:00	31				CFG CODES					1DP
877	311 03:05:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9585					1DP
878	311 03:28:03	31	10 SET			10.2 DEGREE SET DSC-10					1V
879	311 08:20:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9585 (D/L ONLY)					1DP
880	311 08:20:00	31				CFG CODES					1DP
881	311 08:26:22	31	60RISE			10.2 DEGREE RISE DSC-60					1V
882	311 08:33:33	31	40 SET			10.2 DEGREE SET DSC-40					1V
883	311 12:00:00	31				VGR-31 OWLT IS 12H 34M 47S					1L
884	311 13:55:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9585					1DP
885	311 15:58:54	31	10RISE			10.2 DEGREE RISE DSC-10					1V
886	311 17:10:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9586 (D/L ONLY)					1DP
887	311 17:10:00	31				CFG CODES					1DP
888	311 19:35:01	31	60 SET			14.5 DEGREE SET DSC-60					1V
889	311 21:05:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9586 (D/L ONLY)					1DP
890	311 21:05:00	31				CFG CODES					1DP
891	311 21:20:02	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
892	311 21:20:02	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
893	311 21:23:26	31				B- MAGROLBC.31			42079:19:001F	03-311/08:48:35	1TB
894	311 21:23:26	31				BEGIN MAGROLBC31			42079:19:001F	03-311/08:48:35	1T
895	311 21:23:26	31				B- YAW10			42079:19:001F	03-311/08:48:35	1TB
896	311 21:23:26	31				YAW10			42079:19:001F	03-311/08:48:35	1T
897	311 21:23:26	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		42079:19:004F	03-311/08:48:36	1ECa
898	311 21:24:15	31				B- DRRC5T			42079:20:018F	03-311/08:49:24	1TB
899	311 21:24:15	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		42079:20:026F	03-311/08:49:25	1ECf
900	311 21:25:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9586					1DP
901	311 21:25:02	31		ACE OPCH			FDS	CR-5T	42079:21:001F	03-311/08:50:11	1ESf
						FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11					
902	311 21:25:02	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		42079:21:002F	03-311/08:50:11	1ECs
903	311 21:31:27	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR COMMANDED TURN D/L AGC VARIATIONS EXPECTED					11EC
904	311 21:33:27	31			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		42079:31:419F	03-311/08:58:37	1ECa

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
905	311 21:33:27	31				AACS STATUS MODE : AAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		42079:31:419F	03-311/08:58:37	1ESa
906	311 21:33:27	31			CC7GARP	GYRO A OFF	PWR		42079:31:420F	03-311/08:58:37	1ECp
907	311 21:33:27	31			CC7GARP	GYRO A OFF	PWR		42079:31:422F	03-311/08:58:37	1ECp
908	311 21:33:27	31			CC7PC	(352) GYRO A OFF	AACS		42079:31:424F	03-311/08:58:37	1ECa
909	311 21:33:27	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		42079:31:425F	03-311/08:58:37	1ECp
910	311 21:33:27	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		42079:31:427F	03-311/08:58:37	1ECp
911	311 21:33:28	31			CC7PC	(312) DUMMY PWR CMD	AACS		42079:31:429F	03-311/08:58:37	1ECa
912	311 21:36:27	31			AC7TCD	(322 033478) TURN COMMAND AXIS=ROLL POL=NEG RNG SCALE=X10	AACS		42079:35:220F	03-311/09:01:37	1ECa
913	311 23:24:22	31	40RISE			10.2 DEGREE RISE DSC-40					1V
914	312 00:00:00	31				VGR-31 OWLT IS 12H 34M 51S					1L
915	312 02:04:41	31			SC32AJ	(10) PLS CONFIG CMD	FDS		42085:10:426F	03-311/13:29:49	1ECf
916	312 02:38:12	31			SC32AJ	(11) PLS CONFIG CMD	FDS		42085:52:342F	03-311/14:03:20	1ECf
917	312 03:13:16	31				ROLL TURN COMPLETE (NOMINAL)			42086:36:201F	03-311/14:38:23	1T
918	312 03:13:16	31			CC7PC	(345) CMDED TURN COMPLETE	AACS		42086:36:200F	03-311/14:38:23	1ECa
919	312 03:15:29	31			SC32AJ	(13) PLS CONFIG CMD	FDS		42086:39:026F	03-311/14:40:37	1ECf
920	312 03:24:09	31	10 SET			10.2 DEGREE SET DSC-10					1V
921	312 03:24:29	31				RESET CALIB			42086:50:218F	03-311/14:49:36	1T
922	312 03:24:29	31			AC7PAR	(7530 000000) PARAMETER LOAD	AACS		42086:50:220F	03-311/14:49:37	1ECa
923	312 03:24:59	31			CC7SS	(1) SS SEARCH ENABLE	AACS		42086:50:719F	03-311/14:50:07	1ECa

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
924	312 03:24:59	31				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		42086:50:719F	03-311/14:50:07	1ESa
925	312 03:24:59	31			CC7PC	(327) IDET ACQUIRED	AACS		42086:50:719F	03-311/14:50:07	1ECa
926	312 03:24:59	31			CC7GARP	GYRO A OFF	PWR		42086:50:720F	03-311/14:50:07	1ECp
927	312 03:24:59	31			CC7GARP	GYRO A OFF	PWR		42086:50:722F	03-311/14:50:07	1ECp
928	312 03:24:59	31			CC7PC	(352) GYRO A OFF	AACS		42086:50:724F	03-311/14:50:07	1ECa
929	312 03:24:59	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		42086:50:725F	03-311/14:50:07	1ECp
930	312 03:24:59	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		42086:50:727F	03-311/14:50:07	1ECp
931	312 03:25:00	31			CC7PC	(312) DUMMY PWR CMD	AACS		42086:50:729F	03-311/14:50:07	1ECa
932	312 03:30:59	31			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		42086:58:319F	03-311/14:56:07	1ECa
933	312 03:32:04	31				GYROS OFF			42086:59:601F	03-311/14:57:11	1T
934	312 03:32:04	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		42086:59:602F	03-311/14:57:12	1ESa
935	312 03:32:04	31			CC7PC	(307) STAR ACQUIRED	AACS		42086:59:602F	03-311/14:57:12	1ECa
936	312 03:32:04	31			CC7GCRP	GYRO C OFF	PWR		42086:59:603F	03-311/14:57:12	1ECp
937	312 03:32:04	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		42086:59:603F	03-311/14:57:12	1ESa
938	312 03:32:04	31			CC7GCRP	GYRO C OFF	PWR		42086:59:605F	03-311/14:57:12	1ECp
939	312 03:32:04	31			CC7PC	(372) GYRO C OFF	AACS		42086:59:607F	03-311/14:57:12	1ECa



FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
940	312 03:32:04	31			CC7GBRP	GYRO B OFF	PWR		42086:59:608F	03-311/14:57:12	1ECp
941	312 03:32:04	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS	42086:59:608F	03-311/14:57:12	1ESa	
942	312 03:32:04	31			CC7GBRP	GYRO B OFF	PWR		42086:59:610F	03-311/14:57:12	1ECp
943	312 03:32:05	31			CC7PC	(362) GYRO B OFF	AACS		42086:59:612F	03-311/14:57:12	1ECa
944	312 03:32:05	31			CC7GARP	GYRO A OFF	PWR		42086:59:613F	03-311/14:57:12	1ECp
945	312 03:32:05	31			CC7GARP	GYRO A OFF	PWR		42086:59:615F	03-311/14:57:12	1ECp
946	312 03:32:05	31			CC7PC	(352) GYRO A OFF	AACS		42086:59:617F	03-311/14:57:12	1ECa
947	312 03:32:05	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		42086:59:617F	03-311/14:57:12	1ECp
948	312 03:32:05	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		42086:59:619F	03-311/14:57:13	1ECp
949	312 03:32:05	31			CC7PC	(312) DUMMY PWR CMD	AACS		42086:59:622F	03-311/14:57:13	1ECa
950	312 03:35:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9586					1DP
951	312 03:39:16	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
952	312 03:39:16	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
953	312 03:40:29	31				B- YAWDB			42087:10:218F	03-311/15:05:36	1TB
954	312 03:40:29	31				YAWDB - .10			42087:10:218F	03-311/15:05:36	1T
955	312 03:40:29	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		42087:10:221F	03-311/15:05:37	1ECa
956	312 03:43:29	31				B- DRCSRUS			42087:14:018F	03-311/15:08:36	1TB

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
957	312 03:43:29	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		42087:14:026F	03-311/15:08:37	1ECf
958	312 03:44:16	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	42087:15:001F	03-311/15:09:23	1ESf
959	312 03:44:16	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		42087:15:002F	03-311/15:09:23	1ECs
960	312 03:44:17	31				END MAGROLBC31			42087:15:018F	03-311/15:09:24	1T
961	312 03:44:17	31				END GAIN31			42087:15:018F	03-311/15:09:24	1T
962	312 05:15:29	31			AC7SSB	(3 +014) SS BIAS CONTROL - PITCH	AACS		42089:09:003F	03-311/16:40:36	1ECa
963	312 07:02:41	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		42091:23:002F	03-311/18:27:48	1ECd
964	312 07:02:41	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0849	DTR		42091:23:002F	03-311/18:27:48	1ESd
965	312 07:16:57	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		42091:40:663F	03-311/18:42:03	1ECd
966	312 07:16:57	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1158	DTR		42091:40:663F	03-311/18:42:03	1ESd
967	312 08:22:29	31	60RISE			10.2 DEGREE RISE DSC-60					1V
968	312 08:29:41	31	40 SET			10.2 DEGREE SET DSC-40					1V
969	312 09:20:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9586 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
970	312 09:20:00	31				CFG CODES					1DP
971	312 10:00:06	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
972	312 10:00:06	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
973	312 10:00:54	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
974	312 10:00:54	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
975	312 10:02:42	31			CC16C	(7026) DTR STATE SELECT: READY	DTR		42095:08:002F	03-311/21:27:48	1ECd
976	312 10:02:42	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:1158	DTR		42095:08:002F	03-311/21:27:48	1ESd
977	312 10:03:30	31			SC32AJ	(10) PLS CONFIG CMD	FDS		42095:09:009F	03-311/21:28:36	1ECF
978	312 10:03:31	31				AHEL11 PWSREC 09			42095:09:018F	03-311/21:28:36	1T
979	312 10:03:31	31				B- PWSREC.31			42095:09:018F	03-311/21:28:36	1TB
980	312 10:03:31	31				BEGIN PWSREC.31			42095:09:018F	03-311/21:28:36	1T
981	312 10:04:18	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		42095:10:009F	03-311/21:29:24	1ECF
982	312 10:04:19	31				B- DRGS4B			42095:10:018F	03-311/21:29:24	1TB
983	312 10:05:02	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		42095:10:735F	03-311/21:30:08	1ECd

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
984	312 10:05:02	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:1158	DTR		42095:10:735F	03-311/21:30:08	1ESd
985	312 10:05:03	31				BEGIN RECORDING PWS DATA			42095:10:751F	03-311/21:30:08	1T
986	312 10:05:06	31		ACE	OPCH	FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	42095:11:001F	03-311/21:30:11	1ESf
987	312 10:05:06	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		42095:11:002F	03-311/21:30:11	1ECs
988	312 10:05:07	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		42095:11:026F	03-311/21:30:13	1ECf
989	312 10:05:08	31				B- DRCRUS			42095:11:034F	03-311/21:30:13	1TB
990	312 10:05:54	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	42095:12:001F	03-311/21:30:59	1ESf
991	312 10:05:54	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		42095:12:002F	03-311/21:31:00	1ECs
992	312 10:05:54	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		42095:12:002F	03-311/21:31:00	1ECd

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
993	312 10:05:54	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:0865	DTR		42095:12:002F	03-311/21:31:00	1ESd
994	312 10:06:42	31			SC32AJ	(13) PLS CONFIG CMD	FDS		42095:13:009F	03-311/21:31:48	1ECf
995	312 10:06:44	31				END PWSREC.31			42095:13:034F	03-311/21:31:49	1T
996	312 11:05:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9586 (D/L ONLY)					1DP
997	312 11:05:00	31				CFG CODES					1DP
998	312 11:55:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9586					1DP
999	312 12:00:00	31				VGR-31 OWLT IS 12H 34M 55S					1L
1000	312 12:12:19	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		42097:50:002F	03-311/23:37:24	1ECd
1001	312 12:12:19	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:0859	DTR		42097:50:002F	03-311/23:37:24	1ESd
1002	312 12:12:44	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		42097:50:420F	03-311/23:37:49	1ECd
1003	312 12:12:44	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:0849	DTR		42097:50:420F	03-311/23:37:49	1ESd
1004	312 13:55:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9586					1DP
1005	312 14:10:00	31	54 AOS	OPCH ACE		AOS DSS-54 PASS-9586 (D/L ONLY)					1DP
1006	312 14:10:00	31				CFG CODES					1DP
1007	312 15:12:20	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		42101:35:002F	03-312/02:37:24	1ECd

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1008	312 15:12:20	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:0849	DTR		42101:35:002F	03-312/02:37:24	1ESd
1009	312 15:45:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9587 (D/L ONLY)					1DP
1010	312 15:45:00	31				CFG CODES					1DP
1011	312 15:55:01	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1012	312 16:05:00	31	54 LOS	OPCH ACE		LOS DSS-54 PASS-9586					1DP
1013	312 19:31:09	31	60 SET			14.5 DEGREE SET DSC-60					1V
1014	312 23:05:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9587					1DP
1015	312 23:20:28	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1016	313 00:00:00	31				VGR-31 OWLT IS 12H 34M 59S					1L
1017	313 03:20:15	31	10 SET			10.2 DEGREE SET DSC-10					1V
1018	313 08:05:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9587 (D/L ONLY)					1DP
1019	313 08:05:00	31				CFG CODES					1DP
1020	313 08:18:37	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1021	313 08:25:48	31	40 SET			10.2 DEGREE SET DSC-40					1V
1022	313 12:00:00	31				VGR-31 OWLT IS 12H 35M 03S					1L
1023	313 13:50:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9587					1DP
1024	313 15:51:08	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1025	313 17:05:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9588 (D/L ONLY)					1DP
1026	313 17:05:00	31				CFG CODES					1DP
1027	313 19:27:17	31	60 SET			14.5 DEGREE SET DSC-60					1V

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1028	313 23:16:34	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1029	314 00:00:00	31				VGR-31 OWLT IS 12H 35M 07S					1L
1030	314 02:00:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9588					1DP
1031	314 03:16:21	31	10 SET			10.2 DEGREE SET DSC-10					1V
1032	314 08:14:44	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1033	314 08:15:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9588 (U/L PASS)					1DP
1034	314 08:21:56	31	40 SET			10.2 DEGREE SET DSC-40					1V
1035	314 12:00:00	31				VGR-31 OWLT IS 12H 35M 11S					1L
1036	314 15:30:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9588					1DP
1037	314 15:47:15	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1038	314 16:15:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9589 (D/L ONLY)					1DP
1039	314 16:15:00	31				CFG CODES					1DP
1040	314 19:23:25	31	60 SET			14.5 DEGREE SET DSC-60					1V
1041	314 23:12:40	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1042	315 00:00:00	31				VGR-31 OWLT IS 12H 35M 15S					1L
1043	315 00:05:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9589					1DP
1044	315 03:12:27	31	10 SET			10.2 DEGREE SET DSC-10					1V
1045	315 08:10:51	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1046	315 08:18:03	31	40 SET			10.2 DEGREE SET DSC-40					1V
1047	315 08:47:06	31			AC7SSB	(4 +154) SS BIAS CONTROL --- YAW	AACS		42183:33:003F	03-314/20:11:48	1ECa
1048	315 12:00:00	31				VGR-31 OWLT IS 12H 35M 19S					1L
1049	315 13:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9589 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1050	315 13:30:00	31				CFG CODES					1DP
1051	315 15:43:23	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1052	315 18:25:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9590 (D/L ONLY)					1DP
1053	315 18:25:00	31				CFG CODES					1DP
1054	315 18:45:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9589					1DP
1055	315 19:19:33	31	60 SET			14.5 DEGREE SET DSC-60					1V
1056	315 20:20:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9590 (D/L ONLY)					1DP
1057	315 20:20:00	31				CFG CODES					1DP
1058	315 20:40:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9590					1DP
1059	315 23:08:46	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1060	316 00:00:00	31				VGR-31 OWLT IS 12H 35M 23S					1L
1061	316 01:20:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9590					1DP
1062	316 03:08:33	31	10 SET			10.2 DEGREE SET DSC-10					1V
1063	316 03:36:36	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
1064	316 03:36:36	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1065	316 03:37:24	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
1066	316 03:37:24	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1067	316 03:40:00	31				BEGIN PWSREC.31			42207:09:001F	03-315/15:04:35	1T



FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1068	316 03:40:00	31			SC32AJ	(10) PLS CONFIG CMD	FDS		42207:09:010F	03-315/15:04:36	1ECf
1069	316 03:40:48	31				B- DRGS4B			42207:10:001F	03-315/15:05:23	1TB
1070	316 03:40:48	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		42207:10:009F	03-315/15:05:24	1ECf
1071	316 03:41:32	31				BEGIN RECORDING PWS DATA			42207:10:734F	03-315/15:06:07	1T
1072	316 03:41:32	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		42207:10:735F	03-315/15:06:08	1ECd
1073	316 03:41:32	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:0849	DTR		42207:10:735F	03-315/15:06:08	1ESd
1074	316 03:41:36	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	42207:11:001F	03-315/15:06:11	1ESf
1075	316 03:41:36	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		42207:11:002F	03-315/15:06:11	1ECs
1076	316 03:41:37	31				B- DRCRUS			42207:11:018F	03-315/15:06:12	1TB
1077	316 03:41:37	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		42207:11:026F	03-315/15:06:13	1ECf
1078	316 03:42:24	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	42207:12:001F	03-315/15:06:59	1ESf

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1079	316 03:42:24	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		42207:12:002F	03-315/15:06:59	1ECs
1080	316 03:42:24	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		42207:12:002F	03-315/15:07:00	1ECd
1081	316 03:42:24	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1142	DTR		42207:12:002F	03-315/15:07:00	1ESd
1082	316 03:43:12	31			SC32AJ	(13) PLS CONFIG CMD	FDS		42207:13:009F	03-315/15:07:48	1ECf
1083	316 03:43:13	31				END PWSREC.31			42207:13:018F	03-315/15:07:48	1T
1084	316 08:06:59	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1085	316 08:14:10	31	40 SET			10.2 DEGREE SET DSC-40					1V
1086	316 09:05:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9590 (D/L ONLY)					1DP
1087	316 09:05:00	31				CFG CODES					1DP
1088	316 12:00:00	31				VGR-31 OWLT IS 12H 35M 26S					1L
1089	316 13:20:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9590					1DP
1090	316 15:39:30	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1091	316 18:20:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9591 (D/L ONLY)					1DP
1092	316 18:20:00	31				CFG CODES					1DP
1093	316 19:15:41	31	60 SET			14.5 DEGREE SET DSC-60					1V
1094	316 19:20:41	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1095	316 19:20:41	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

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FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1096	316 19:20:53	31				BEGIN PMPCALLR			42226:45:001F	03-316/06:45:23	1T
1097	316 19:20:53	31				INITIATE PMPCAL CYCLIC			42226:45:001F	03-316/06:45:23	1T
1098	316 19:20:53	31				PMPCAL LOOPS=27D22H24M 13 TIMES			42226:45:001F	03-316/06:45:23	1T
1099	316 19:24:53	31				B- DRCR5T			42226:50:001F	03-316/06:49:23	1TB
1100	316 19:24:53	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		42226:50:009F	03-316/06:49:24	1ECf
1101	316 19:25:41	31		ACE OPCH			FDS	CR-5T	42226:51:001F	03-316/06:50:11	1ESf
						FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11					
1102	316 19:25:41	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		42226:51:001F	03-316/06:50:11	1ECs
1103	316 19:32:05	31			SC06BY	(7) FDS PLS/MAG/PESCAL FLAG PLSCAL ENABLED MAGCAL ENABLED PESCAL ENABLED	FDS		42226:59:008F	03-316/06:56:36	1ECf
1104	316 19:32:53	31				BEGIN PLS/MAG/PESCAL			42227:00:001F	03-316/06:57:23	1T
1105	316 21:15:17	31				END PLSCAL			42229:08:001F	03-316/08:39:47	1T
1106	316 22:35:18	31				END MAGCAL			42230:48:001F	03-316/09:59:47	1T
1107	316 22:48:42	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1108	316 22:48:42	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1109	316 22:52:54	31				END PESCAL			42231:10:001F	03-316/10:17:23	1T

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1110	316 22:52:54	31				B- DRCRUS			42231:10:001F	03-316/10:17:23	1TB
1111	316 22:52:54	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACRS READOUT MODE : TELEMTRY	FDS		42231:10:010F	03-316/10:17:24	1ECf
1112	316 22:53:42	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	42231:11:001F	03-316/10:18:11	1ESf
1113	316 22:53:42	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		42231:11:002F	03-316/10:18:11	1ECs
1114	316 22:53:43	31				END PMPCALLR			42231:11:018F	03-316/10:18:12	1T
1115	316 23:04:52	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1116	317 00:00:00	31				VGR-31 OWLT IS 12H 35M 30S					1L
1117	317 01:50:00	31	25 LOS	OPCH	ACE	LOS DSS-25 PASS-9591					1DP
1118	317 03:04:39	31	10 SET			10.2 DEGREE SET DSC-10					1V
1119	317 04:01:31	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN D/L CARRIER SIG LEVEL					11EC
1120	317 04:06:31	31				X BAND LOW POWER			42237:42:001F	03-316/15:30:59	1T
1121	317 04:06:31	31			DC2HR	X-BAND TWT LOW POWER	RFS		42237:42:002F	03-316/15:30:59	1ECr
1122	317 04:10:31	31			CC1T	BAY 1 HTR ON	PWR		42237:47:002F	03-316/15:34:59	1ECp
1123	317 04:10:32	31				END PWPBA31			42237:47:018F	03-316/15:35:00	1T
1124	317 04:10:32	31				END BASLIN			42237:47:018F	03-316/15:35:00	1T
1125	317 08:03:06	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1126	317 08:10:18	31	40 SET			10.2 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1127	317 10:50:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9591 (D/L ONLY)					1DP
1128	317 10:50:00	31				CFG CODES					1DP
1129	317 12:00:00	31				VGR-31 OWLT IS 12H 35M 34S					1L
1130	317 15:35:37	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1131	317 16:50:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9591					1DP
1132	317 16:50:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9592 (D/L ONLY)					1DP
1133	317 16:50:00	31				CFG CODES					1DP
1134	317 19:11:49	31	60 SET			14.5 DEGREE SET DSC-60					1V
1135	317 21:55:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9592					1DP
1136	317 23:00:58	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1137	318 00:00:00	31				VGR-31 OWLT IS 12H 35M 38S					1L
1138	318 03:00:45	31	10 SET			10.2 DEGREE SET DSC-10					1V
1139	318 07:59:13	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1140	318 08:06:25	31	40 SET			10.2 DEGREE SET DSC-40					1V
1141	318 09:00:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9592 (D/L ONLY)					1DP
1142	318 09:00:00	31				CFG CODES					1DP
1143	318 12:00:00	31				VGR-31 OWLT IS 12H 35M 41S					1L
1144	318 15:31:44	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1145	318 16:10:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9592					1DP
1146	318 16:50:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9593 (D/L ONLY)					1DP
1147	318 16:50:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1148	318 19:07:55	31	60	SET		14.5 DEGREE SET DSC-60					1V
1149	318 22:57:04	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
1150	318 23:15:00	31	26	LOS	OPCH ACE	LOS DSS-26 PASS-9593					1DP
1151	319 00:00:00	31				VGR-31 OWLT IS 12H 35M 45S					1L
1152	319 02:56:52	31	10	SET		10.2 DEGREE SET DSC-10					1V
1153	319 06:39:35	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		42300:53:002F	03-318/18:03:48	1ECd
1154	319 06:39:35	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:1148	DTR		42300:53:002F	03-318/18:03:48	1ESd
1155	319 06:52:57	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		42301:09:576F	03-318/18:17:10	1ECd
1156	319 06:52:57	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:0859	DTR		42301:09:576F	03-318/18:17:10	1ESd
1157	319 07:55:21	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
1158	319 08:02:32	31	40	SET		10.2 DEGREE SET DSC-40					1V
1159	319 08:55:00	31	65	AOS	OPCH ACE	AOS DSS-65 PASS-9593 (D/L ONLY)					1DP
1160	319 08:55:00	31				CFG CODES					1DP
1161	319 09:37:00	31			ACE OPCH	>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
1162	319 09:37:00	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
1163	319 09:37:48	31			ACE OPCH	>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1164	319 09:37:48	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
1165	319 09:39:36	31			CC16C	(7026) DTR STATE SELECT: READY	DTR		42304:38:002F	03-318/21:03:48	1ECd
1166	319 09:39:36	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:0859	DTR		42304:38:002F	03-318/21:03:48	1ESd
1167	319 09:40:24	31			SC32AJ	(10) PLS CONFIG CMD	FDS		42304:39:009F	03-318/21:04:36	1ECF
1168	319 09:40:25	31				AHEL11 PWSREC 10			42304:39:018F	03-318/21:04:36	1T
1169	319 09:40:25	31				B- PWSREC.31			42304:39:018F	03-318/21:04:36	1TB
1170	319 09:40:25	31				BEGIN PWSREC.31			42304:39:018F	03-318/21:04:36	1T
1171	319 09:41:12	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		42304:40:009F	03-318/21:05:24	1ECF
1172	319 09:41:13	31				B- DRGS4B			42304:40:018F	03-318/21:05:24	1TB
1173	319 09:41:56	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		42304:40:735F	03-318/21:06:08	1ECd
1174	319 09:41:56	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:0859	DTR		42304:40:735F	03-318/21:06:08	1ESd
1175	319 09:41:57	31				BEGIN RECORDING PWS DATA			42304:40:751F	03-318/21:06:08	1T
1176	319 09:42:00	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE -----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	42304:41:001F	03-318/21:06:11	1ESF

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1177	319 09:42:00	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		42304:41:002F	03-318/21:06:11	1ECs
1178	319 09:42:01	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		42304:41:026F	03-318/21:06:13	1ECf
1179	319 09:42:02	31				B- DRCRUS			42304:41:034F	03-318/21:06:13	1TB
1180	319 09:42:48	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	42304:42:001F	03-318/21:06:59	1ESf
1181	319 09:42:48	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		42304:42:002F	03-318/21:06:59	1ECs
1182	319 09:42:48	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		42304:42:002F	03-318/21:07:00	1ECd
1183	319 09:42:48	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:0567	DTR		42304:42:002F	03-318/21:07:00	1ESd
1184	319 09:43:36	31			SC32AJ	(13) PLS CONFIG CMD	FDS		42304:43:009F	03-318/21:07:48	1ECf
1185	319 09:43:38	31				END PWSREC.31			42304:43:034F	03-318/21:07:49	1T
1186	319 11:49:13	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		42307:20:002F	03-318/23:13:24	1ECd
1187	319 11:49:13	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0560	DTR		42307:20:002F	03-318/23:13:24	1ESd
1188	319 12:00:00	31				VGR-31 OWLT IS 12H 35M 49S					1L



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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1189	319 12:16:24	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		42307:53:792F	03-318/23:40:35	1ECd
1190	319 12:16:24	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1148	DTR		42307:53:792F	03-318/23:40:35	1ESd
1191	319 13:15:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9593 (D/L ONLY)					1DP
1192	319 13:15:00	31				CFG CODES					1DP
1193	319 13:35:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9593					1DP
1194	319 14:49:13	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		42311:05:002F	03-319/02:13:24	1ECd
1195	319 15:27:52	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1196	319 16:40:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9593					1DP
1197	319 16:40:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9594 (D/L ONLY)					1DP
1198	319 16:40:00	31				CFG CODES					1DP
1199	319 19:04:02	31	60 SET			14.5 DEGREE SET DSC-60					1V
1200	319 22:53:10	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1201	319 23:54:04	31			AC7SSB	(4 +155) SS BIAS CONTROL --- YAW	AACS		42322:26:003F	03-319/11:18:12	1ECa
1202	320 00:00:00	31				VGR-31 OWLT IS 12H 35M 52S					1L
1203	320 01:35:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9594					1DP
1204	320 02:52:58	31	10 SET			10.2 DEGREE SET DSC-10					1V
1205	320 07:51:28	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1206	320 07:58:40	31	40 SET			10.2 DEGREE SET DSC-40					1V
1207	320 09:01:19	31			AC7SSB	(3 +013) SS BIAS CONTROL - PITCH	AACS		42333:50:003F	03-319/20:25:24	1ECa
1208	320 10:40:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9594 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1209	320 10:40:00	31				CFG CODES					1DP
1210	320 12:00:00	31				VGR-31 OWLT IS 12H 35M 56S					1L
1211	320 13:35:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9594					1DP
1212	320 15:23:59	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1213	320 16:40:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9595 (D/L ONLY)					1DP
1214	320 16:40:00	31				CFG CODES					1DP
1215	320 19:00:10	31	60 SET			14.5 DEGREE SET DSC-60					1V
1216	320 20:05:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9595 (D/L ONLY)					1DP
1217	320 20:05:00	31				CFG CODES					1DP
1218	320 20:25:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9595					1DP
1219	320 22:49:16	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1220	321 00:00:00	31				VGR-31 OWLT IS 12H 35M 59S					1L
1221	321 01:30:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9595					1DP
1222	321 02:49:04	31	10 SET			10.2 DEGREE SET DSC-10					1V
1223	321 07:47:36	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1224	321 07:54:47	31	40 SET			10.2 DEGREE SET DSC-40					1V
1225	321 08:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9595 (D/L ONLY)					1DP
1226	321 08:45:00	31				CFG CODES					1DP
1227	321 12:00:00	31				VGR-31 OWLT IS 12H 36M 03S					1L
1228	321 13:05:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9595 (D/L ONLY)					1DP
1229	321 13:05:00	31				CFG CODES					1DP

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1230	321 13:25:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9595					1DP
1231	321 15:20:06	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1232	321 16:00:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9595					1DP
1233	321 18:00:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9596 (D/L ONLY)					1DP
1234	321 18:00:00	31				CFG CODES					1DP
1235	321 18:56:18	31	60 SET			14.5 DEGREE SET DSC-60					1V
1236	321 22:45:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9596					1DP
1237	321 22:45:22	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1238	322 00:00:00	31				VGR-31 OWLT IS 12H 36M 06S					1L
1239	322 02:45:10	31	10 SET			10.2 DEGREE SET DSC-10					1V
1240	322 07:35:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9596 (U/L PASS)					1DP
1241	322 07:43:43	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1242	322 07:50:55	31	40 SET			10.2 DEGREE SET DSC-40					1V
1243	322 12:00:00	31				VGR-31 OWLT IS 12H 36M 10S					1L
1244	322 13:20:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9596					1DP
1245	322 15:16:14	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1246	322 17:55:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9597 (D/L ONLY)					1DP
1247	322 17:55:00	31				CFG CODES					1DP
1248	322 18:52:26	31	60 SET			14.5 DEGREE SET DSC-60					1V
1249	322 22:41:29	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1250	322 22:45:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9597					1DP
1251	323 00:00:00	31				VGR-31 OWLT IS 12H 36M 13S					1L

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1252	323 02:41:17	31	10	SET		10.2 DEGREE SET DSC-10					1V
1253	323 03:13:26	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1254	323 03:13:26	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
1255	323 03:14:14	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1256	323 03:14:14	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
1257	323 03:16:50	31				BEGIN PWSREC.31			42416:39:001F	03-322/14:40:35	1T
1258	323 03:16:50	31			SC32AJ	(10) PLS CONFIG CMD	FDS		42416:39:009F	03-322/14:40:36	1ECf
1259	323 03:17:38	31				B- DRGS4B			42416:40:001F	03-322/14:41:23	1TB
1260	323 03:17:38	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		42416:40:009F	03-322/14:41:24	1ECf
1261	323 03:18:22	31				BEGIN RECORDING PWS DATA			42416:40:734F	03-322/14:42:07	1T
1262	323 03:18:22	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		42416:40:735F	03-322/14:42:08	1ECd
1263	323 03:18:22	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:1148	DTR		42416:40:735F	03-322/14:42:08	1ESd

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1264	323 03:18:26	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	42416:41:001F	03-322/14:42:11	1ESf
1265	323 03:18:26	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		42416:41:002F	03-322/14:42:11	1ECs
1266	323 03:18:27	31				B- DRCRUS			42416:41:018F	03-322/14:42:12	1TB
1267	323 03:18:27	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		42416:41:026F	03-322/14:42:13	1ECf
1268	323 03:19:14	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	42416:42:001F	03-322/14:42:59	1ESf
1269	323 03:19:14	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		42416:42:002F	03-322/14:42:59	1ECs
1270	323 03:19:14	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		42416:42:002F	03-322/14:43:00	1ECd
1271	323 03:19:14	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1440	DTR		42416:42:002F	03-322/14:43:00	1ESd
1272	323 03:20:02	31			SC32AJ	(13) PLS CONFIG CMD	FDS		42416:43:009F	03-322/14:43:48	1ECf
1273	323 03:20:03	31				END PWSREC.31			42416:43:018F	03-322/14:43:48	1T
1274	323 07:39:50	31	60RISE			10.2 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1275	323 07:47:02	31	40 SET			10.2 DEGREE SET DSC-40					1V
1276	323 08:40:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9597 (D/L ONLY)					1DP
1277	323 08:40:00	31				CFG CODES					1DP
1278	323 11:30:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9597 (D/L ONLY)					1DP
1279	323 11:30:00	31				CFG CODES					1DP
1280	323 11:50:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9597					1DP
1281	323 12:00:00	31				VGR-31 OWLT IS 12H 36M 17S					1L
1282	323 13:20:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9597					1DP
1283	323 15:12:21	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1284	323 17:50:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9598 (D/L ONLY)					1DP
1285	323 17:50:00	31				CFG CODES					1DP
1286	323 18:48:34	31	60 SET			14.5 DEGREE SET DSC-60					1V
1287	323 22:37:35	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1288	323 22:45:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9598					1DP
1289	324 00:00:00	31				VGR-31 OWLT IS 12H 36M 20S					1L
1290	324 02:37:23	31	10 SET			10.2 DEGREE SET DSC-10					1V
1291	324 07:35:58	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1292	324 07:43:09	31	40 SET			10.2 DEGREE SET DSC-40					1V
1293	324 10:20:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9598 (D/L ONLY)					1DP
1294	324 10:20:00	31				CFG CODES					1DP
1295	324 12:00:00	31				VGR-31 OWLT IS 12H 36M 23S					1L

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1296	324 13:20:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9598					1DP
1297	324 15:01:00	31			AC7SSB	(4 +156) SS BIAS CONTROL --- YAW	AACS		42461:19:003F	03-324/02:24:36	1ECa
1298	324 15:08:28	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1299	324 17:50:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9599 (D/L ONLY)					1DP
1300	324 17:50:00	31				CFG CODES					1DP
1301	324 18:44:42	31	60 SET			14.5 DEGREE SET DSC-60					1V
1302	324 21:15:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9599					1DP
1303	324 22:33:41	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1304	325 00:00:00	31				VGR-31 OWLT IS 12H 36M 27S					1L
1305	325 02:33:29	31	10 SET			10.2 DEGREE SET DSC-10					1V
1306	325 07:20:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9599 (D/L ONLY)					1DP
1307	325 07:20:00	31				CFG CODES					1DP
1308	325 07:32:05	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1309	325 07:39:17	31	40 SET			10.2 DEGREE SET DSC-40					1V
1310	325 12:00:00	31				VGR-31 OWLT IS 12H 36M 30S					1L
1311	325 13:15:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9599					1DP
1312	325 15:04:35	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1313	325 16:40:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9600 (D/L ONLY)					1DP
1314	325 16:40:00	31				CFG CODES					1DP
1315	325 18:40:50	31	60 SET			14.5 DEGREE SET DSC-60					1V
1316	325 21:45:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9600					1DP
1317	325 22:29:47	31	40RISE			10.2 DEGREE RISE DSC-40					1V

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1318	326 00:00:00	31				VGR-31 OWLT IS 12H 36M 33S					1L
1319	326 02:29:36	31	10 SET			10.2 DEGREE SET DSC-10					1V
1320	326 06:16:23	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		42510:23:002F	03-325/17:39:48	1ECd
1321	326 06:16:23	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:1447	DTR		42510:23:002F	03-325/17:39:48	1ESd
1322	326 06:57:25	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		42511:14:234F	03-325/18:20:49	1ECd
1323	326 06:57:25	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:0560	DTR		42511:14:234F	03-325/18:20:49	1ESd
1324	326 07:28:12	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1325	326 07:35:24	31	40 SET			10.2 DEGREE SET DSC-40					1V
1326	326 09:13:48	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1327	326 09:13:48	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
1328	326 09:14:36	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1329	326 09:14:36	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
1330	326 09:16:24	31			CC16C	(7017) DTR STATE SELECT: READY	DTR		42514:08:002F	03-325/20:39:48	1ECd



FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT 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	326 09:16:24	31					DTR		42514:08:002F	03-325/20:39:48	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:0560					
1332	326 09:17:12	31			SC32AJ	(10) PLS CONFIG CMD	FDS		42514:09:009F	03-325/20:40:36	1ECf
1333	326 09:17:13	31				AHEL11 PWSREC 11			42514:09:018F	03-325/20:40:36	1T
1334	326 09:17:13	31				B- PWSREC.31			42514:09:018F	03-325/20:40:36	1TB
1335	326 09:17:13	31				BEGIN PWSREC.31			42514:09:018F	03-325/20:40:36	1T
1336	326 09:18:00	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		42514:10:009F	03-325/20:41:24	1ECf
1337	326 09:18:01	31				B- DRGS4B			42514:10:018F	03-325/20:41:24	1TB
1338	326 09:18:44	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		42514:10:735F	03-325/20:42:08	1ECd
1339	326 09:18:44	31					DTR		42514:10:735F	03-325/20:42:08	1ESd
						DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:0560					
1340	326 09:18:45	31				BEGIN RECORDING PWS DATA			42514:10:751F	03-325/20:42:08	1T
1341	326 09:18:48	31		ACE OPCH			FDS	GS-4B	42514:11:001F	03-325/20:42:11	1ESf
						FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION					
1342	326 09:18:48	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		42514:11:002F	03-325/20:42:11	1ECs

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1343	326 09:18:49	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		42514:11:026F	03-325/20:42:13	1ECf
1344	326 09:18:50	31				B- DRCRUS			42514:11:034F	03-325/20:42:13	1TB
1345	326 09:19:36	31		ACE	OPCH		FDS	CR-5T	42514:12:001F	03-325/20:42:59	1ESf
						FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11					
1346	326 09:19:36	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		42514:12:002F	03-325/20:42:59	1ECs
1347	326 09:19:36	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		42514:12:002F	03-325/20:43:00	1ECd
1348	326 09:19:36	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:0853	DTR		42514:12:002F	03-325/20:43:00	1ESd
1349	326 09:20:24	31			SC32AJ	(13) PLS CONFIG CMD	FDS		42514:13:009F	03-325/20:43:48	1ECf
1350	326 09:20:26	31				END PWSREC.31			42514:13:034F	03-325/20:43:49	1T
1351	326 10:15:00	31	55 AOS	OPCH	ACE	AOS DSS-55 PASS-9600 (D/L ONLY)					1DP
1352	326 10:15:00	31				CFG CODES					1DP
1353	326 11:26:00	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		42516:50:002F	03-325/22:49:24	1ECd
1354	326 11:26:00	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0859	DTR		42516:50:002F	03-325/22:49:24	1ESd
1355	326 11:53:11	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		42517:23:780F	03-325/23:16:34	1ECd

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1356	326 11:53:11	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1447	DTR		42517:23:780F	03-325/23:16:34	1ESd
1357	326 12:00:00	31				VGR-31 OWLT IS 12H 36M 36S					1L
1358	326 14:26:01	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		42520:35:002F	03-326/01:49:24	1ECd
1359	326 15:00:43	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1360	326 16:05:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9600					1DP
1361	326 17:40:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9601 (D/L ONLY)					1DP
1362	326 17:40:00	31				CFG CODES					1DP
1363	326 18:36:56	31	60 SET			14.5 DEGREE SET DSC-60					1V
1364	326 22:25:54	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1365	326 22:35:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9601					1DP
1366	327 00:00:00	31				VGR-31 OWLT IS 12H 36M 40S					1L
1367	327 02:25:42	31	10 SET			10.2 DEGREE SET DSC-10					1V
1368	327 07:24:20	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1369	327 07:31:32	31	40 SET			10.2 DEGREE SET DSC-40					1V
1370	327 10:10:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9601 (D/L ONLY)					1DP
1371	327 10:10:00	31				CFG CODES					1DP
1372	327 12:00:00	31				VGR-31 OWLT IS 12H 36M 43S					1L
1373	327 13:10:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9601					1DP
1374	327 14:56:50	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1375	327 17:35:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9602 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1376	327 17:35:00	31				CFG CODES					1DP
1377	327 18:33:04	31	60	SET		14.5 DEGREE SET DSC-60					1V
1378	327 22:22:00	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
1379	327 22:50:00	31	25	LOS	OPCH ACE	LOS DSS-25 PASS-9602					1DP
1380	328 00:00:00	31				VGR-31 OWLT IS 12H 36M 46S					1L
1381	328 02:21:49	31	10	SET		10.2 DEGREE SET DSC-10					1V
1382	328 07:15:00	31	63	AOS	OPCH ACE	AOS DSS-63 PASS-9602 (D/L ONLY)					1DP
1383	328 07:15:00	31				CFG CODES					1DP
1384	328 07:20:27	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
1385	328 07:27:39	31	40	SET		10.2 DEGREE SET DSC-40					1V
1386	328 12:00:00	31				VGR-31 OWLT IS 12H 36M 49S					1L
1387	328 12:45:00	31	55	AOS	OPCH ACE	AOS DSS-55 PASS-9602 (D/L ONLY)					1DP
1388	328 12:45:00	31				CFG CODES					1DP
1389	328 12:47:01	31			AC7SSB	(3 +012) SS BIAS CONTROL - PITCH	AACS		42578:31:003F	03-328/00:10:12	1ECa
1390	328 13:05:00	31	63	LOS	OPCH ACE	LOS DSS-63 PASS-9602					1DP
1391	328 14:52:57	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
1392	328 16:05:00	31	55	LOS	OPCH ACE	LOS DSS-55 PASS-9602					1DP
1393	328 16:05:00	31	26	AOS	OPCH ACE	AOS DSS-26 PASS-9603 (D/L ONLY)					1DP
1394	328 16:05:00	31				CFG CODES					1DP
1395	328 18:29:12	31	60	SET		14.5 DEGREE SET DSC-60					1V
1396	328 22:18:07	31	40	RISE		10.2 DEGREE RISE DSC-40					1V

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1397	328 22:45:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9603					1DP
1398	329 00:00:00	31				VGR-31 OWLT IS 12H 36M 52S					1L
1399	329 02:17:55	31	10 SET			10.2 DEGREE SET DSC-10					1V
1400	329 06:07:54	31			AC7SSB	(4 +157) SS BIAS CONTROL --- YAW	AACS		42600:12:003F	03-328/17:31:00	1ECa
1401	329 07:10:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9603 (U/L PASS)					1DP
1402	329 07:16:35	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1403	329 07:23:46	31	40 SET			10.2 DEGREE SET DSC-40					1V
1404	329 11:50:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9603					1DP
1405	329 12:00:00	31				VGR-31 OWLT IS 12H 36M 55S					1L
1406	329 13:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9603 (D/L ONLY)					1DP
1407	329 13:30:00	31				CFG CODES					1DP
1408	329 14:49:04	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1409	329 17:45:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9603					1DP
1410	329 18:25:20	31	60 SET			14.5 DEGREE SET DSC-60					1V
1411	329 22:14:13	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1412	329 23:10:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-9604 (D/L ONLY)					1DP
1413	329 23:10:00	31				CFG CODES					1DP
1414	330 00:00:00	31				VGR-31 OWLT IS 12H 36M 58S					1L
1415	330 02:14:02	31	10 SET			10.2 DEGREE SET DSC-10					1V
1416	330 02:50:11	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1417	330 02:50:11	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
1418	330 02:50:59	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
1419	330 02:50:59	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
1420	330 02:53:35	31				BEGIN PWSREC.31			42626:09:001F	03-329/14:16:35	1T
1421	330 02:53:35	31			SC32AJ	(10) PLS CONFIG CMD	FDS		42626:09:010F	03-329/14:16:36	1ECF
1422	330 02:54:23	31				B- DRGS4B			42626:10:001F	03-329/14:17:23	1TB
1423	330 02:54:23	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		42626:10:009F	03-329/14:17:24	1ECF
1424	330 02:55:07	31				BEGIN RECORDING PWS DATA			42626:10:734F	03-329/14:18:07	1T
1425	330 02:55:07	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		42626:10:735F	03-329/14:18:08	1ECd
1426	330 02:55:07	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:1447	DTR		42626:10:735F	03-329/14:18:08	1ESd
1427	330 02:55:11	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	42626:11:001F	03-329/14:18:11	1ESF

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1428	330 02:55:11	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		42626:11:002F	03-329/14:18:11	1ECs
1429	330 02:55:12	31				B- DRCRUS			42626:11:018F	03-329/14:18:12	1TB
1430	330 02:55:12	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		42626:11:026F	03-329/14:18:13	1ECF
1431	330 02:55:59	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	42626:12:001F	03-329/14:18:59	1ESF
1432	330 02:55:59	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		42626:12:002F	03-329/14:18:59	1ECs
1433	330 02:55:59	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		42626:12:002F	03-329/14:19:00	1ECd
1434	330 02:55:59	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1739	DTR		42626:12:002F	03-329/14:19:00	1ESd
1435	330 02:56:47	31			SC32AJ	(13) PLS CONFIG CMD	FDS		42626:13:009F	03-329/14:19:48	1ECf
1436	330 02:56:48	31				END PWSREC.31			42626:13:018F	03-329/14:19:48	1T
1437	330 03:45:00	31	45 LOS	OPCH	ACE	LOS DSS-45 PASS-9604					1DP
1438	330 07:12:42	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1439	330 07:19:54	31	40 SET			10.2 DEGREE SET DSC-40					1V
1440	330 08:10:00	31	65 AOS	OPCH	ACE	AOS DSS-65 PASS-9604 (D/L ONLY)					1DP
1441	330 08:10:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1442	330 12:00:00	31				VGR-31 OWLT IS 12H 37M 01S					1L
1443	330 14:45:12	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1444	330 16:00:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9604					1DP
1445	330 16:00:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9605 (D/L ONLY)					1DP
1446	330 16:00:00	31				CFG CODES					1DP
1447	330 17:00:02	31				B- GYONAB.31			42643:47:001F	03-330/04:22:59	1TB
1448	330 17:00:02	31				BEGIN GYONAB31			42643:47:001F	03-330/04:22:59	1T
1449	330 17:00:02	31			AC7GYP	(000) DRIRU PATTERN CONTROL GYRO/AXIS=A/PITCH & YAW B/ROLL	AACS		42643:47:004F	03-330/04:23:00	1ECa
1450	330 17:00:02	31			CC7GCRP	GYRO C OFF	PWR		42643:47:004F	03-330/04:23:00	1ECp
1451	330 17:00:02	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS	42643:47:004F	03-330/04:23:00	1ESa	
1452	330 17:00:02	31			CC7GCRP	GYRO C OFF	PWR		42643:47:006F	03-330/04:23:00	1ECp
1453	330 17:00:02	31			CC7PC	(372) GYRO C OFF	AACS		42643:47:008F	03-330/04:23:00	1ECa
1454	330 17:00:02	31			CC7GBP	GYRO B ON	PWR		42643:47:009F	03-330/04:23:00	1ECp
1455	330 17:00:02	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS	42643:47:009F	03-330/04:23:00	1ESa	
1456	330 17:00:03	31			CC7GBP	GYRO B ON	PWR		42643:47:011F	03-330/04:23:00	1ECp
1457	330 17:00:03	31			CC7PC	(363) GYRO B ON	AACS		42643:47:013F	03-330/04:23:00	1ECa
1458	330 17:00:03	31			CC7GAP	GYRO A ON	PWR		42643:47:014F	03-330/04:23:00	1ECp



FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1459	330 17:00:03	31				AACS STATUS MODE : CRU GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		42643:47:014F	03-330/04:23:00	1ESa
1460	330 17:00:03	31			CC7GAP	GYRO A ON	PWR		42643:47:016F	03-330/04:23:00	1ECp
1461	330 17:00:03	31			CC7PC	(353) GYRO A ON	AACS		42643:47:018F	03-330/04:23:00	1ECa
1462	330 17:00:31	31				DRIRU INITIALIZATION			42643:47:484F	03-330/04:23:28	1T
1463	330 17:00:32	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		42643:47:502F	03-330/04:23:30	1ECa
1464	330 17:01:01	31				SET CALIB			42643:48:184F	03-330/04:23:58	1T
1465	330 17:01:02	31			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		42643:48:204F	03-330/04:24:00	1ECa
1466	330 17:10:01	31				START GYRO FAULT TEST			42643:59:384F	03-330/04:32:58	1T
1467	330 17:10:02	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		42643:59:402F	03-330/04:33:00	1ECa
1468	330 17:10:03	31				END GYONAB31			42643:59:418F	03-330/04:33:00	1T
1469	330 18:21:28	31	60 SET			14.4 DEGREE SET DSC-60					1V
1470	330 20:25:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9605					1DP
1471	330 22:10:19	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1472	331 00:00:00	31				VGR-31 OWLT IS 12H 37M 04S					1L
1473	331 02:10:08	31	10 SET			10.2 DEGREE SET DSC-10					1V
1474	331 07:08:49	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1475	331 07:16:01	31	40 SET			10.2 DEGREE SET DSC-40					1V
1476	331 09:55:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9605 (D/L ONLY)					1DP
1477	331 09:55:00	31				CFG CODES					1DP
1478	331 12:00:00	31				VGR-31 OWLT IS 12H 37M 07S					1L

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1479	331 14:41:19	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1480	331 15:55:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9605					1DP
1481	331 17:20:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9606 (D/L ONLY)					1DP
1482	331 17:20:00	31				CFG CODES					1DP
1483	331 18:17:33	31	60 SET			14.5 DEGREE SET DSC-60					1V
1484	331 22:06:26	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1485	331 22:35:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9606					1DP
1486	332 00:00:00	31				VGR-31 OWLT IS 12H 37M 10S					1L
1487	332 02:06:15	31	10 SET			10.2 DEGREE SET DSC-10					1V
1488	332 07:04:56	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1489	332 07:12:08	31	40 SET			10.2 DEGREE SET DSC-40					1V
1490	332 08:00:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9606 (D/L ONLY)					1DP
1491	332 08:00:00	31				CFG CODES					1DP
1492	332 12:00:00	31				VGR-31 OWLT IS 12H 37M 13S					1L
1493	332 13:25:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9606					1DP
1494	332 14:30:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9607 (D/L ONLY)					1DP
1495	332 14:30:00	31				CFG CODES					1DP
1496	332 14:37:26	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1497	332 18:13:41	31	60 SET			14.4 DEGREE SET DSC-60					1V
1498	332 20:40:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9607					1DP
1499	332 22:02:32	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1500	332 22:50:39	31			AC7SSB	(3 +011) SS BIAS CONTROL - PITCH	AACS		42711:05:003F	03-332/10:13:24	1ECa

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1501	333 00:00:00	31				VGR-31 OWLT IS 12H 37M 16S					1L
1502	333 02:02:21	31	10	SET		10.2 DEGREE SET DSC-10					1V
1503	333 05:53:05	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		42719:53:002F	03-332/17:15:48	1ECd
1504	333 05:53:05	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:1746	DTR		42719:53:002F	03-332/17:15:48	1ESd
1505	333 06:34:07	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		42720:44:234F	03-332/17:56:49	1ECd
1506	333 06:34:07	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:0859	DTR		42720:44:234F	03-332/17:56:49	1ESd
1507	333 07:01:04	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
1508	333 07:08:15	31	40	SET		10.2 DEGREE SET DSC-40					1V
1509	333 08:50:30	31			ACE OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1510	333 08:50:30	31			ACE OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1511	333 08:51:18	31			ACE OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1512	333 08:51:18	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
1513	333 08:53:06	31			CC16C	(7017) DTR STATE SELECT: READY	DTR		42723:38:002F	03-332/20:15:48	1ECd

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1514	333 08:53:06	31					DTR		42723:38:002F	03-332/20:15:48	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:0859					
1515	333 08:53:54	31			SC32AJ	(10) PLS CONFIG CMD	FDS		42723:39:009F	03-332/20:16:36	1ECf
1516	333 08:53:55	31				AHEL11 PWSREC 12			42723:39:018F	03-332/20:16:36	1T
1517	333 08:53:55	31				B- PWSREC.31			42723:39:018F	03-332/20:16:36	1TB
1518	333 08:53:55	31				BEGIN PWSREC.31			42723:39:018F	03-332/20:16:36	1T
1519	333 08:54:42	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		42723:40:009F	03-332/20:17:24	1ECf
1520	333 08:54:43	31				B- DRGS4B			42723:40:018F	03-332/20:17:24	1TB
1521	333 08:55:26	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		42723:40:735F	03-332/20:18:08	1ECd
1522	333 08:55:26	31					DTR		42723:40:735F	03-332/20:18:08	1ESd
						DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:0859					
1523	333 08:55:27	31				BEGIN RECORDING PWS DATA			42723:40:751F	03-332/20:18:08	1T
1524	333 08:55:30	31		ACE OPCH			FDS	GS-4B	42723:41:001F	03-332/20:18:11	1ESf
						FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION					
1525	333 08:55:30	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		42723:41:002F	03-332/20:18:11	1ECs

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1526	333 08:55:31	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		42723:41:026F	03-332/20:18:13	1ECf
1527	333 08:55:32	31				B- DRCRUS			42723:41:034F	03-332/20:18:13	1TB
1528	333 08:56:18	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	42723:42:001F	03-332/20:18:59	1ESf
1529	333 08:56:18	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		42723:42:002F	03-332/20:19:00	1ECd
1530	333 08:56:18	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:1152	DTR		42723:42:002F	03-332/20:19:00	1ESd
1531	333 08:56:18	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		42723:42:002F	03-332/20:19:00	1ECs
1532	333 08:57:06	31			SC32AJ	(13) PLS CONFIG CMD	FDS		42723:43:009F	03-332/20:19:48	1ECf
1533	333 08:57:08	31				END PWSREC.31			42723:43:034F	03-332/20:19:49	1T
1534	333 09:45:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9607 (D/L ONLY)					1DP
1535	333 09:45:00	31				CFG CODES					1DP
1536	333 11:02:42	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		42726:20:002F	03-332/22:25:24	1ECd
1537	333 11:02:42	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1158	DTR		42726:20:002F	03-332/22:25:24	1ESd
1538	333 11:29:53	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		42726:53:786F	03-332/22:52:35	1ECd

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1539	333 11:29:53	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1746	DTR		42726:53:786F	03-332/22:52:35	1ESd
1540	333 12:00:00	31				VGR-31 OWLT IS 12H 37M 18S					1L
1541	333 14:02:43	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		42730:05:002F	03-333/01:25:24	1ECd
1542	333 14:33:33	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1543	333 15:45:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9608 (D/L ONLY)					1DP
1544	333 15:45:00	31				CFG CODES					1DP
1545	333 15:50:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9607					1DP
1546	333 18:09:49	31	60 SET			14.4 DEGREE SET DSC-60					1V
1547	333 21:14:45	31			AC7SSB	(4 +158) SS BIAS CONTROL --- YAW	AACS		42739:05:003F	03-333/08:37:24	1ECa
1548	333 21:58:39	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1549	334 00:00:00	31				VGR-31 OWLT IS 12H 37M 21S					1L
1550	334 00:40:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9608					1DP
1551	334 01:58:28	31	10 SET			10.2 DEGREE SET DSC-10					1V
1552	334 06:57:11	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1553	334 07:04:23	31	40 SET			10.2 DEGREE SET DSC-40					1V
1554	334 09:40:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9608 (D/L ONLY)					1DP
1555	334 09:40:00	31				CFG CODES					1DP
1556	334 12:00:00	31				VGR-31 OWLT IS 12H 37M 24S					1L
1557	334 14:29:41	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1558	334 15:40:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9609 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1559	334 15:40:00	31				CFG CODES					1DP
1560	334 15:45:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9608					1DP
1561	334 18:00:25	31				B- MISCMD			42765:02:001F	03-334/05:22:59	1TB
1562	334 18:00:25	31				MISCMD - GYRO INIT			42765:02:001F	03-334/05:22:59	1T
1563	334 18:00:25	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		42765:02:002F	03-334/05:23:00	1ECa
1564	334 18:05:57	31	60 SET			14.4 DEGREE SET DSC-60					1V
1565	334 21:54:46	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1566	335 00:00:00	31				VGR-31 OWLT IS 12H 37M 27S					1L
1567	335 00:35:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9609					1DP
1568	335 01:54:35	31	10 SET			10.2 DEGREE SET DSC-10					1V
1569	335 06:53:18	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1570	335 07:00:30	31	40 SET			10.2 DEGREE SET DSC-40					1V
1571	335 07:50:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9609 (D/L ONLY)					1DP
1572	335 07:50:00	31				CFG CODES					1DP
1573	335 12:00:00	31				VGR-31 OWLT IS 12H 37M 29S					1L
1574	335 13:00:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9609					1DP
1575	335 14:25:48	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1576	335 15:40:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9610 (D/L ONLY)					1DP
1577	335 15:40:00	31				CFG CODES					1DP
1578	335 18:02:05	31	60 SET			14.4 DEGREE SET DSC-60					1V
1579	335 20:55:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9610					1DP
1580	335 21:50:52	31	40RISE			10.2 DEGREE RISE DSC-40					1V

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1581	336 00:00:00	31				VGR-31 OWLT IS 12H 37M 32S					1L
1582	336 01:50:41	31	10	SET		10.2 DEGREE SET DSC-10					1V
1583	336 06:49:26	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
1584	336 06:56:37	31	40	SET		10.2 DEGREE SET DSC-40					1V
1585	336 09:35:00	31	55	AOS	OPCH ACE	AOS DSS-55 PASS-9610 (D/L ONLY)					1DP
1586	336 09:35:00	31				CFG CODES					1DP
1587	336 12:00:00	31				VGR-31 OWLT IS 12H 37M 35S					1L
1588	336 14:21:55	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
1589	336 14:30:00	31	55	LOS	OPCH ACE	LOS DSS-55 PASS-9610					1DP
1590	336 15:05:00	31	14	AOS	OPCH ACE	AOS DSS-14 PASS-9611 (U/L PASS)					1DP
1591	336 17:45:36	31	14	TRK	DSS	ASCAL PREP ===== ANTENNA DRIVE TO PRECISION ONE (70 METER STATION ONLY) PRIME DATA SOURCE=X BAND AGC ===== TURN CONSCAN -----> OFF (IF ON)					1TD
1592	336 17:56:24	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
1593	336 17:56:24	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=30 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1594	336 17:58:11	31	60	SET		14.4 DEGREE SET DSC-60					1V
1595	336 18:00:36	31				B- ASCAL			42825:02:001F	03-336/05:22:59	1TB
1596	336 18:00:36	31				B- DREL40			42825:02:001F	03-336/05:22:59	1TB



FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1597	336 18:00:36	31			SC06BB	(32 0 07 0) FDS MODE TO: EL-40 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		42825:02:009F	03-336/05:23:00	1ECf
1598	336 18:00:36	31	14	OPCH 14		START ASCAL =====					1TD
						DSS-14: MONITOR X-BD AGC VARIATIONS DURING ASCAL IF X-BD RCVR DROPS LOCK INITIATE AUTO ACQUIRE					
1599	336 18:01:24	31		ACE OPCH			FDS	CE-40	42825:03:001F	03-336/05:23:47	1ESf
						FDS STATUS EL-40/X40/S40 MEM:PA/FDS11					
1600	336 18:01:24	31			CC3A	(30310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=30 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		42825:03:002F	03-336/05:23:47	1ECs
1601	336 18:16:36	31				.05 ALL AXES DEADBAND			42825:22:001F	03-336/05:38:59	1T
1602	336 18:16:36	31			AC7DDB	(000480) CHG TO .05 DEG DEADBAND	AACS		42825:22:003F	03-336/05:39:00	1ECa
1603	336 18:32:36	31			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		42825:42:002F	03-336/05:55:00	1ECa
1604	336 18:32:36	31				AACS STATUS MODE : AAI GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS	42825:42:002F	03-336/05:55:00	1ESa	
1605	336 18:32:36	31			CC7GCRP	GYRO C OFF	PWR		42825:42:003F	03-336/05:55:00	1ECp
1606	336 18:32:36	31			CC7GCRP	GYRO C OFF	PWR		42825:42:005F	03-336/05:55:00	1ECp
1607	336 18:32:36	31			CC7PC	(372) GYRO C OFF	AACS		42825:42:007F	03-336/05:55:00	1ECa
1608	336 18:32:36	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		42825:42:007F	03-336/05:55:00	1ECp

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1609	336 18:32:36	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		42825:42:010F	03-336/05:55:00	1ECp
1610	336 18:32:37	31			CC7PC	(312) DUMMY PWR CMD	AACS		42825:42:012F	03-336/05:55:00	1ECa
1611	336 18:33:23	31	14	OPCH 14		ASCAL ===== START YAW DRIFT TURNS					1TD
1612	336 18:33:24	31				START FIRST YAW DRIFT TURN			42825:43:001F	03-336/05:55:47	1T
1613	336 18:33:24	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		42825:43:003F	03-336/05:55:48	1ECa
1614	336 18:37:24	31			AC7PAR	(7015 764220) PARAMETER LOAD	AACS		42825:48:003F	03-336/05:59:48	1ECa
1615	336 18:45:24	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		42825:58:003F	03-336/06:07:48	1ECa
1616	336 18:49:24	31			AC7PAR	(7015 000000) PARAMETER LOAD	AACS		42826:03:003F	03-336/06:11:48	1ECa
1617	336 18:49:24	31	14	OPCH 14		ASCAL ===== END YAW DRIFT TURNS					1TD
1618	336 18:49:25	31				END THIRD YAW DRIFT TURN			42826:03:018F	03-336/06:11:48	1T
1619	336 18:50:11	31	14	OPCH 14		ASCAL ===== START PITCH DRIFT TURNS					1TD
1620	336 18:50:12	31				START FIRST PITCH DRIFT TURN			42826:04:001F	03-336/06:12:35	1T
1621	336 18:50:12	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		42826:04:003F	03-336/06:12:36	1ECa
1622	336 18:54:12	31			AC7PAR	(7014 764220) PARAMETER LOAD	AACS		42826:09:003F	03-336/06:16:36	1ECa
1623	336 19:02:12	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		42826:19:003F	03-336/06:24:36	1ECa
1624	336 19:06:12	31			AC7PAR	(7014 000000) PARAMETER LOAD	AACS		42826:24:003F	03-336/06:28:36	1ECa

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1625	336 19:06:12	31	14	OPCH 14		ASCAL =====					1TD
1626	336 19:06:13	31				END THIRD PITCH DRIFT TURN			42826:24:018F	03-336/06:28:36	1T
1627	336 19:07:48	31			CC7SS	(1) SS SEARCH ENABLE	AACS		42826:26:001F	03-336/06:30:11	1ECa
1628	336 19:07:48	31				AACS STATUS MODE : RAI GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		42826:26:001F	03-336/06:30:11	1ESa
1629	336 19:07:48	31			CC7PC	(327) IDET ACQUIRED	AACS		42826:26:002F	03-336/06:30:12	1ECa
1630	336 19:07:48	31			CC7GCRP	GYRO C OFF	PWR		42826:26:003F	03-336/06:30:12	1ECp
1631	336 19:07:48	31			CC7GCRP	GYRO C OFF	PWR		42826:26:005F	03-336/06:30:12	1ECp
1632	336 19:07:48	31			CC7PC	(372) GYRO C OFF	AACS		42826:26:007F	03-336/06:30:12	1ECa
1633	336 19:07:48	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		42826:26:008F	03-336/06:30:12	1ECp
1634	336 19:07:48	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		42826:26:010F	03-336/06:30:12	1ECp
1635	336 19:07:49	31			CC7PC	(312) DUMMY PWR CMD	AACS		42826:26:012F	03-336/06:30:12	1ECa
1636	336 19:08:24	31				B- MISCMD			42826:26:601F	03-336/06:30:47	1TB
1637	336 19:08:24	31				MISCMD - RESET CALIB			42826:26:601F	03-336/06:30:47	1T
1638	336 19:08:24	31			AC7PAR	(7530 00000) PARAMETER LOAD	AACS		42826:26:604F	03-336/06:30:48	1ECa
1639	336 19:08:24	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1640	336 19:08:24	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1641	336 19:09:24	31			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		42826:28:001F	03-336/06:31:47	1ECa

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1642	336 19:10:29	31					AACS		42826:29:285F	03-336/06:32:52	1ESa
						AACS STATUS MODE : CRU GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF					
1643	336 19:10:29	31			CC7PC	(307) STAR ACQUIRED	AACS		42826:29:285F	03-336/06:32:52	1ECa
1644	336 19:10:29	31			CC7GCRP	GYRO C OFF	PWR		42826:29:286F	03-336/06:32:53	1ECp
1645	336 19:10:29	31			CC7GCRP	GYRO C OFF	PWR		42826:29:288F	03-336/06:32:53	1ECp
1646	336 19:10:29	31			CC7PC	(372) GYRO C OFF	AACS		42826:29:290F	03-336/06:32:53	1ECa
1647	336 19:10:29	31			CC7GBRP	GYRO B OFF	PWR		42826:29:290F	03-336/06:32:53	1ECp
1648	336 19:10:29	31					AACS		42826:29:290F	03-336/06:32:53	1ESa
						AACS STATUS MODE : CRU GYRO A: ON HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF					
1649	336 19:10:29	31			CC7GBRP	GYRO B OFF	PWR		42826:29:293F	03-336/06:32:53	1ECp
1650	336 19:10:30	31			CC7PC	(362) GYRO B OFF	AACS		42826:29:295F	03-336/06:32:53	1ECa
1651	336 19:10:30	31			CC7GARP	GYRO A OFF	PWR		42826:29:295F	03-336/06:32:53	1ECp
1652	336 19:10:30	31					AACS		42826:29:295F	03-336/06:32:53	1ESa
						AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF					
1653	336 19:10:30	31			CC7GARP	GYRO A OFF	PWR		42826:29:297F	03-336/06:32:53	1ECp
1654	336 19:10:30	31			CC7PC	(352) GYRO A OFF	AACS		42826:29:299F	03-336/06:32:53	1ECa
1655	336 19:10:30	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		42826:29:300F	03-336/06:32:53	1ECp
1656	336 19:10:30	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		42826:29:302F	03-336/06:32:54	1ECp
1657	336 19:10:30	31			CC7PC	(312) DUMMY PWR CMD	AACS		42826:29:304F	03-336/06:32:54	1ECa

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1658	336 19:12:36	31				B- DRCSR			42826:32:001F	03-336/06:34:59	1TB
1659	336 19:12:36	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		42826:32:009F	03-336/06:35:00	1ECf
1660	336 19:13:24	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	42826:33:001F	03-336/06:35:47	1ESf
1661	336 19:13:24	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		42826:33:002F	03-336/06:35:47	1ECs
1662	336 19:19:00	31				B- YAWDB			42826:40:001F	03-336/06:41:23	1TB
1663	336 19:19:00	31				YAWDB - .10			42826:40:001F	03-336/06:41:23	1T
1664	336 19:19:00	31				B- ROLLDB			42826:40:001F	03-336/06:41:23	1TB
1665	336 19:19:00	31				ROLLDB - .25			42826:40:001F	03-336/06:41:23	1T
1666	336 19:19:00	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		42826:40:003F	03-336/06:41:24	1ECa
1667	336 19:19:00	31			AC7PAR	(6742 004540) +ROLL DB=.25 DEG	AACS		42826:40:005F	03-336/06:41:24	1ECa
1668	336 19:19:01	31	14	OPCH	14	END ASCAL					1TD
1669	336 21:46:59	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1670	336 22:05:00	31	14 LOS	OPCH	ACE	LOS DSS-14 PASS-9611					1DP
1671	337 00:00:00	31				VGR-31 OWLT IS 12H 37M 37S					1L
1672	337 01:46:48	31	10 SET			10.2 DEGREE SET DSC-10					1V
1673	337 02:26:50	31		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1674	337 02:26:50	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1675	337 02:27:38	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
1676	337 02:27:38	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1677	337 02:30:14	31				BEGIN PWSREC.31			42835:39:001F	03-336/13:52:35	1T
1678	337 02:30:14	31			SC32AJ	(10) PLS CONFIG CMD	FDS		42835:39:009F	03-336/13:52:36	1ECF
1679	337 02:31:02	31				B- DRGS4B			42835:40:001F	03-336/13:53:23	1TB
1680	337 02:31:02	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		42835:40:009F	03-336/13:53:24	1ECF
1681	337 02:31:46	31				BEGIN RECORDING PWS DATA			42835:40:734F	03-336/13:54:07	1T
1682	337 02:31:46	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		42835:40:735F	03-336/13:54:08	1ECd
1683	337 02:31:46	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:1746	DTR		42835:40:735F	03-336/13:54:08	1ESd
1684	337 02:31:50	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE -----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	42835:41:001F	03-336/13:54:11	1ESF

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1685	337 02:31:50	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		42835:41:002F	03-336/13:54:11	1ECs
1686	337 02:31:51	31				B- DRCRUS			42835:41:018F	03-336/13:54:12	1TB
1687	337 02:31:51	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		42835:41:026F	03-336/13:54:13	1ECF
1688	337 02:32:38	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	42835:42:001F	03-336/13:54:59	1ESF
1689	337 02:32:38	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		42835:42:002F	03-336/13:54:59	1ECs
1690	337 02:32:38	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		42835:42:002F	03-336/13:55:00	1ECd
1691	337 02:32:38	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2038	DTR		42835:42:002F	03-336/13:55:00	1ESd
1692	337 02:33:26	31			SC32AJ	(13) PLS CONFIG CMD	FDS		42835:43:009F	03-336/13:55:48	1ECf
1693	337 02:33:27	31				END PWSREC.31			42835:43:018F	03-336/13:55:48	1T
1694	337 06:45:33	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1695	337 06:52:44	31	40 SET			10.2 DEGREE SET DSC-40					1V
1696	337 07:40:00	31	65 AOS	OPCH	ACE	AOS DSS-65 PASS-9611 (D/L ONLY)					1DP
1697	337 07:40:00	31				CFG CODES					1DP
1698	337 12:00:00	31				VGR-31 OWLT IS 12H 37M 40S					1L

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1699	337 12:35:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9611 (D/L ONLY)					1DP
1700	337 12:35:00	31				CFG CODES					1DP
1701	337 12:37:28	31			AC7SSB	(3 +010) SS BIAS CONTROL - PITCH	AACS		42848:18:003F	03-336/23:59:48	1ECa
1702	337 12:55:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9611					1DP
1703	337 14:18:02	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1704	337 14:30:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9611					1DP
1705	337 15:35:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9612 (D/L ONLY)					1DP
1706	337 15:35:00	31				CFG CODES					1DP
1707	337 17:54:19	31	60 SET			14.4 DEGREE SET DSC-60					1V
1708	337 21:43:05	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1709	337 22:10:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9612					1DP
1710	338 00:00:00	31				VGR-31 OWLT IS 12H 37M 42S					1L
1711	338 01:42:55	31	10 SET			10.2 DEGREE SET DSC-10					1V
1712	338 06:41:40	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1713	338 06:48:52	31	40 SET			10.2 DEGREE SET DSC-40					1V
1714	338 07:40:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9612 (D/L ONLY)					1DP
1715	338 07:40:00	31				CFG CODES					1DP
1716	338 11:55:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9612 (D/L ONLY)					1DP
1717	338 11:55:00	31				CFG CODES					1DP
1718	338 12:00:00	31				VGR-31 OWLT IS 12H 37M 45S					1L
1719	338 12:15:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9612					1DP



FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1720	338 12:21:33	31			AC7SSB	(4 +159) SS BIAS CONTROL --- YAW	AACS		42877:58:003F	03-337/23:43:48	1ECa
1721	338 14:14:09	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1722	338 14:30:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9612					1DP
1723	338 16:30:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9613 (D/L ONLY)					1DP
1724	338 16:30:00	31				CFG CODES					1DP
1725	338 17:50:27	31	60 SET			14.4 DEGREE SET DSC-60					1V
1726	338 20:15:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9613					1DP
1727	338 21:00:00	31	24 AOS	OPCH ACE		AOS DSS-24 PASS-9613 (D/L ONLY)					1DP
1728	338 21:00:00	31				CFG CODES					1DP
1729	338 21:39:12	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1730	339 00:00:00	31	24 LOS	OPCH ACE		LOS DSS-24 PASS-9613					1DP
1731	339 00:00:00	31				VGR-31 OWLT IS 12H 37M 47S					1L
1732	339 01:39:01	31	10 SET			10.2 DEGREE SET DSC-10					1V
1733	339 06:37:47	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1734	339 06:44:59	31	40 SET			10.2 DEGREE SET DSC-40					1V
1735	339 07:40:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9613 (D/L ONLY)					1DP
1736	339 07:40:00	31				CFG CODES					1DP
1737	339 12:00:00	31				VGR-31 OWLT IS 12H 37M 50S					1L
1738	339 14:10:16	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1739	339 15:15:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9613					1DP
1740	339 15:30:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9614 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1741	339 15:30:00	31				CFG CODES					1DP
1742	339 17:46:35	31	60	SET		14.4 DEGREE SET DSC-60					1V
1743	339 19:45:00	31	26	LOS	OPCH ACE	LOS DSS-26 PASS-9614					1DP
1744	339 21:35:19	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
1745	340 00:00:00	31				VGR-31 OWLT IS 12H 37M 52S					1L
1746	340 01:35:08	31	10	SET		10.2 DEGREE SET DSC-10					1V
1747	340 05:29:41	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		42929:23:002F	03-339/16:51:48	1ECd
1748	340 05:29:41	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2045	DTR		42929:23:002F	03-339/16:51:48	1ESd
1749	340 06:10:43	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		42930:14:234F	03-339/17:32:49	1ECd
1750	340 06:10:43	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1158	DTR		42930:14:234F	03-339/17:32:49	1ESd
1751	340 06:33:54	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
1752	340 06:41:06	31	40	SET		10.2 DEGREE SET DSC-40					1V
1753	340 07:35:00	31	65	AOS	OPCH ACE	AOS DSS-65 PASS-9614 (D/L ONLY)					1DP
1754	340 07:35:00	31				CFG CODES					1DP
1755	340 08:27:06	31			ACE OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1756	340 08:27:06	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

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1757	340 08:27:54	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1758	340 08:27:54	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
1759	340 08:29:42	31			CC16C	(7017) DTR STATE SELECT: READY	DTR		42933:08:002F	03-339/19:51:48	1ECd
1760	340 08:29:42	31				DTR STATUS MODE:RDY      RATE:000.0K DIR:F      TRK:7      TIC:1158	DTR		42933:08:002F	03-339/19:51:48	1ESd
1761	340 08:30:30	31			SC32AJ	(10) PLS CONFIG CMD	FDS		42933:09:009F	03-339/19:52:36	1ECf
1762	340 08:30:31	31				AHELII1 PWSREC 13			42933:09:018F	03-339/19:52:36	1T
1763	340 08:30:31	31				B- PWSREC.31			42933:09:018F	03-339/19:52:36	1TB
1764	340 08:30:31	31				BEGIN PWSREC.31			42933:09:018F	03-339/19:52:36	1T
1765	340 08:31:18	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		42933:10:009F	03-339/19:53:24	1ECf
1766	340 08:31:19	31				B- DRGS4B			42933:10:018F	03-339/19:53:24	1TB
1767	340 08:32:02	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		42933:10:735F	03-339/19:54:08	1ECd
1768	340 08:32:02	31				DTR STATUS MODE:REC      RATE:115.2K DIR:F      TRK:7      TIC:1158	DTR		42933:10:735F	03-339/19:54:08	1ESd
1769	340 08:32:03	31				BEGIN RECORDING PWS DATA			42933:10:751F	03-339/19:54:08	1T

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1770	340 08:32:06	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	42933:11:001F	03-339/19:54:11	1ESf
1771	340 08:32:06	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		42933:11:002F	03-339/19:54:11	1ECs
1772	340 08:32:07	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		42933:11:026F	03-339/19:54:13	1ECf
1773	340 08:32:08	31				B- DRCRUS			42933:11:034F	03-339/19:54:13	1TB
1774	340 08:32:54	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	42933:12:001F	03-339/19:54:59	1ESf
1775	340 08:32:54	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		42933:12:002F	03-339/19:54:59	1ECs
1776	340 08:32:54	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		42933:12:002F	03-339/19:55:00	1ECd
1777	340 08:32:54	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:1451	DTR		42933:12:002F	03-339/19:55:00	1ESd
1778	340 08:33:42	31			SC32AJ	(13) PLS CONFIG CMD	FDS		42933:13:009F	03-339/19:55:48	1ECf
1779	340 08:33:44	31				END PWSREC.31			42933:13:034F	03-339/19:55:49	1T
1780	340 10:39:18	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		42935:50:002F	03-339/22:01:24	1ECd

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1781	340 10:39:18	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1457	DTR		42935:50:002F	03-339/22:01:24	1ESd
1782	340 11:06:29	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		42936:23:780F	03-339/22:28:34	1ECd
1783	340 11:06:29	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2045	DTR		42936:23:780F	03-339/22:28:34	1ESd
1784	340 12:00:00	31				VGR-31 OWLT IS 12H 37M 54S					1L
1785	340 12:15:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9614 (D/L ONLY)					1DP
1786	340 12:15:00	31				CFG CODES					1DP
1787	340 12:35:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9614					1DP
1788	340 13:39:19	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		42939:35:002F	03-340/01:01:24	1ECd
1789	340 14:06:24	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1790	340 15:15:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9614					1DP
1791	340 15:25:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9615 (D/L ONLY)					1DP
1792	340 15:25:00	31				CFG CODES					1DP
1793	340 17:42:40	31	60 SET			14.4 DEGREE SET DSC-60					1V
1794	340 21:31:26	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1795	340 21:40:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9615					1DP
1796	340 22:30:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-9615 (D/L ONLY)					1DP
1797	340 22:30:00	31				CFG CODES					1DP
1798	341 00:00:00	31				VGR-31 OWLT IS 12H 37M 57S					1L

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1799	341 01:31:15	31	10 SET			10.2 DEGREE SET DSC-10					1V
1800	341 02:15:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-9615					1DP
1801	341 06:30:02	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1802	341 06:37:13	31	40 SET			10.2 DEGREE SET DSC-40					1V
1803	341 07:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9615 (D/L ONLY)					1DP
1804	341 07:30:00	31				CFG CODES					1DP
1805	341 12:00:00	31				VGR-31 OWLT IS 12H 37M 59S					1L
1806	341 12:05:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9615 (D/L ONLY)					1DP
1807	341 12:05:00	31				CFG CODES					1DP
1808	341 12:25:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9615					1DP
1809	341 14:02:31	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1810	341 14:30:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9615					1DP
1811	341 15:20:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9616 (D/L ONLY)					1DP
1812	341 15:20:00	31				CFG CODES					1DP
1813	341 17:38:48	31	60 SET			14.4 DEGREE SET DSC-60					1V
1814	341 21:27:32	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1815	342 00:00:00	31				VGR-31 OWLT IS 12H 38M 01S					1L
1816	342 00:10:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9616					1DP
1817	342 01:27:22	31	10 SET			10.2 DEGREE SET DSC-10					1V
1818	342 02:24:14	31			AC7SSB	(3 +009) SS BIAS CONTROL - PITCH	AACS		42985:31:003F	03-341/13:46:12	1ECa
1819	342 06:15:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9616 (U/L PASS)					1DP
1820	342 06:26:09	31	60RISE			10.2 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1821	342 06:33:20	31	40 SET			10.2 DEGREE SET DSC-40					1V
1822	342 12:00:00	31				VGR-31 OWLT IS 12H 38M 04S					1L
1823	342 13:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9616					1DP
1824	342 13:58:38	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1825	342 15:15:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9617 (D/L ONLY)					1DP
1826	342 15:15:00	31				CFG CODES					1DP
1827	342 17:34:56	31	60 SET			14.4 DEGREE SET DSC-60					1V
1828	342 20:25:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9617					1DP
1829	342 21:23:39	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1830	343 00:00:00	31				VGR-31 OWLT IS 12H 38M 06S					1L
1831	343 01:23:28	31	10 SET			10.2 DEGREE SET DSC-10					1V
1832	343 03:28:18	31			AC7SSB	(4 +160) SS BIAS CONTROL --- YAW	AACS		43016:51:003F	03-342/14:50:12	1ECa
1833	343 06:15:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9617 (D/L ONLY)					1DP
1834	343 06:15:00	31				CFG CODES					1DP
1835	343 06:22:16	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1836	343 06:29:27	31	40 SET			10.2 DEGREE SET DSC-40					1V
1837	343 11:55:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9617					1DP
1838	343 12:00:00	31				VGR-31 OWLT IS 12H 38M 08S					1L
1839	343 13:54:45	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1840	343 14:20:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9618 (D/L ONLY)					1DP
1841	343 14:20:00	31				CFG CODES					1DP
1842	343 17:31:02	31	60 SET			14.4 DEGREE SET DSC-60					1V

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1843	343 20:10:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9618					1DP
1844	343 21:19:46	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1845	344 00:00:00	31				VGR-31 OWLT IS 12H 38M 10S					1L
1846	344 01:19:35	31	10 SET			10.2 DEGREE SET DSC-10					1V
1847	344 02:03:23	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1848	344 02:03:23	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1849	344 02:04:11	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1850	344 02:04:11	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
1851	344 02:06:47	31				BEGIN PWSREC.31			43045:09:001F	03-343/13:28:35	1T
1852	344 02:06:47	31			SC32AJ	(10) PLS CONFIG CMD	FDS		43045:09:010F	03-343/13:28:36	1ECf
1853	344 02:07:35	31				B- DRGS4B			43045:10:001F	03-343/13:29:23	1TB
1854	344 02:07:35	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		43045:10:009F	03-343/13:29:24	1ECf
1855	344 02:08:19	31				BEGIN RECORDING PWS DATA			43045:10:734F	03-343/13:30:07	1T
1856	344 02:08:19	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		43045:10:735F	03-343/13:30:08	1ECd
1857	344 02:08:19	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:2045	DTR		43045:10:735F	03-343/13:30:08	1ESd



FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1858	344 02:08:23	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	43045:11:001F	03-343/13:30:11	1ESf
1859	344 02:08:23	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		43045:11:002F	03-343/13:30:11	1ECs
1860	344 02:08:24	31				B- DRCRUS			43045:11:018F	03-343/13:30:12	1TB
1861	344 02:08:24	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		43045:11:026F	03-343/13:30:13	1ECf
1862	344 02:09:11	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	43045:12:001F	03-343/13:30:59	1ESf
1863	344 02:09:11	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		43045:12:002F	03-343/13:30:59	1ECs
1864	344 02:09:11	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		43045:12:002F	03-343/13:31:00	1ECd
1865	344 02:09:11	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2337	DTR		43045:12:002F	03-343/13:31:00	1ESd
1866	344 02:09:59	31			SC32AJ	(13) PLS CONFIG CMD	FDS		43045:13:009F	03-343/13:31:48	1ECf
1867	344 02:10:00	31				END PWSREC.31			43045:13:018F	03-343/13:31:48	1T
1868	344 06:18:23	31	60RISE			10.2 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1869	344 06:25:35	31	40 SET			10.2 DEGREE SET DSC-40					1V
1870	344 09:05:00	31	54 AOS	OPCH ACE		AOS DSS-54 PASS-9618 (D/L ONLY)					1DP
1871	344 09:05:00	31				CFG CODES					1DP
1872	344 11:55:00	31	54 LOS	OPCH ACE		LOS DSS-54 PASS-9618					1DP
1873	344 12:00:00	31				VGR-31 OWLT IS 12H 38M 12S					1L
1874	344 13:50:52	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1875	344 15:10:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9619 (D/L ONLY)					1DP
1876	344 15:10:00	31				CFG CODES					1DP
1877	344 17:27:10	31	60 SET			14.4 DEGREE SET DSC-60					1V
1878	344 17:47:25	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1879	344 17:47:25	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
1880	344 17:47:37	31				BEGIN PMPCALLR			43064:45:001F	03-344/05:09:23	1T
1881	344 17:51:37	31				B- DR5T			43064:50:001F	03-344/05:13:23	1TB
1882	344 17:51:37	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		43064:50:009F	03-344/05:13:24	1ECf
1883	344 17:52:25	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	43064:51:001F	03-344/05:14:11	1ESf

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1884	344 17:52:25	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		43064:51:001F	03-344/05:14:11	1ECs
1885	344 17:58:49	31			SC06BY	(7) FDS PLS/MAG/PESCAL FLAG PLSCAL ENABLED MAGCAL ENABLED PESCAL ENABLED	FDS		43064:59:009F	03-344/05:20:36	1ECf
1886	344 17:59:37	31				BEGIN PLS/MAG/PESCAL			43065:00:001F	03-344/05:21:23	1T
1887	344 19:42:02	31				END PLSCAL			43067:08:001F	03-344/07:03:47	1T
1888	344 21:02:02	31				END MAGCAL			43068:48:001F	03-344/08:23:47	1T
1889	344 21:15:26	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1890	344 21:15:26	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
1891	344 21:15:53	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1892	344 21:19:38	31				END PESCAL			43069:10:001F	03-344/08:41:23	1T
1893	344 21:19:38	31				B- DRCSR			43069:10:001F	03-344/08:41:23	1TB
1894	344 21:19:38	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		43069:10:010F	03-344/08:41:24	1ECf
1895	344 21:20:26	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	43069:11:001F	03-344/08:42:11	1ESf
1896	344 21:20:26	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		43069:11:002F	03-344/08:42:11	1ECs

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1897	344 21:20:27	31				END PMPCALLR			43069:11:018F	03-344/08:42:12	1T
1898	344 22:05:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9619					1DP
1899	345 00:00:00	31				VGR-31 OWLT IS 12H 38M 14S					1L
1900	345 01:15:42	31	10 SET			10.2 DEGREE SET DSC-10					1V
1901	345 06:14:30	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1902	345 06:21:42	31	40 SET			10.2 DEGREE SET DSC-40					1V
1903	345 07:15:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9619 (D/L ONLY)					1DP
1904	345 07:15:00	31				CFG CODES					1DP
1905	345 12:00:00	31				VGR-31 OWLT IS 12H 38M 16S					1L
1906	345 12:05:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9619					1DP
1907	345 13:46:59	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1908	345 17:23:18	31	60 SET			14.4 DEGREE SET DSC-60					1V
1909	345 21:11:59	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1910	345 21:15:00	31	43 AOS	OPCH ACE		AOS DSS-43 PASS-9620 (D/L ONLY)					1DP
1911	345 21:15:00	31				CFG CODES					1DP
1912	346 00:00:00	31				VGR-31 OWLT IS 12H 38M 18S					1L
1913	346 01:11:49	31	10 SET			10.2 DEGREE SET DSC-10					1V
1914	346 01:30:00	31	43 LOS	OPCH ACE		LOS DSS-43 PASS-9620					1DP
1915	346 06:10:37	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1916	346 06:17:49	31	40 SET			10.2 DEGREE SET DSC-40					1V
1917	346 07:10:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9620 (D/L ONLY)					1DP
1918	346 07:10:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1919	346 12:00:00	31				VGR-31 OWLT IS 12H 38M 20S					1L
1920	346 13:43:06	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1921	346 14:30:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9620					1DP
1922	346 15:00:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9621 (D/L ONLY)					1DP
1923	346 15:00:00	31				CFG CODES					1DP
1924	346 16:10:57	31			AC7SSB	(3 +008) SS BIAS CONTROL - PITCH	AACS		43122:44:003F	03-346/03:32:36	1ECa
1925	346 17:19:24	31	60 SET			14.4 DEGREE SET DSC-60					1V
1926	346 20:15:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9621					1DP
1927	346 21:08:06	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1928	347 00:00:00	31				VGR-31 OWLT IS 12H 38M 22S					1L
1929	347 01:07:56	31	10 SET			10.2 DEGREE SET DSC-10					1V
1930	347 05:06:11	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		43138:53:002F	03-346/16:27:48	1ECd
1931	347 05:06:11	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2344	DTR		43138:53:002F	03-346/16:27:48	1ESd
1932	347 05:47:13	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		43139:44:234F	03-346/17:08:49	1ECd
1933	347 05:47:13	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1457	DTR		43139:44:234F	03-346/17:08:49	1ESd
1934	347 06:06:44	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1935	347 06:13:56	31	40 SET			10.2 DEGREE SET DSC-40					1V
1936	347 07:10:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9621 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1937	347 07:10:00	31				CFG CODES					1DP
1938	347 08:03:36	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
1939	347 08:03:36	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1940	347 08:04:24	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
1941	347 08:04:24	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1942	347 08:06:12	31			CC16C	(7017) DTR STATE SELECT: READY	DTR		43142:38:002F	03-346/19:27:48	1ECd
1943	347 08:06:12	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:1457	DTR		43142:38:002F	03-346/19:27:48	1ESd
1944	347 08:07:00	31			SC32AJ	(10) PLS CONFIG CMD	FDS		43142:39:009F	03-346/19:28:36	1ECF
1945	347 08:07:01	31				AHEL11 PWSREC 14			43142:39:018F	03-346/19:28:36	1T
1946	347 08:07:01	31				B- PWSREC.31			43142:39:018F	03-346/19:28:36	1TB
1947	347 08:07:01	31				BEGIN PWSREC.31			43142:39:018F	03-346/19:28:36	1T
1948	347 08:07:48	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		43142:40:009F	03-346/19:29:24	1ECF
1949	347 08:07:49	31				B- DRGS4B			43142:40:018F	03-346/19:29:24	1TB
1950	347 08:08:32	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		43142:40:735F	03-346/19:30:08	1ECd

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1951	347 08:08:32	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:1457	DTR		43142:40:735F	03-346/19:30:08	1ESd
1952	347 08:08:33	31				BEGIN RECORDING PWS DATA			43142:40:751F	03-346/19:30:08	1T
1953	347 08:08:36	31		ACE	OPCH	FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	43142:41:001F	03-346/19:30:11	1ESf
1954	347 08:08:36	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		43142:41:002F	03-346/19:30:11	1ECs
1955	347 08:08:37	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		43142:41:026F	03-346/19:30:13	1ECf
1956	347 08:08:38	31				B- DRCRUS			43142:41:034F	03-346/19:30:13	1TB
1957	347 08:09:24	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	43142:42:001F	03-346/19:30:59	1ESf
1958	347 08:09:24	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		43142:42:002F	03-346/19:31:00	1ECs
1959	347 08:09:24	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		43142:42:002F	03-346/19:31:00	1ECd

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1960	347 08:09:24	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:1750	DTR		43142:42:002F	03-346/19:31:00	1ESd
1961	347 08:10:12	31			SC32AJ	(13) PLS CONFIG CMD	FDS		43142:43:009F	03-346/19:31:48	1ECf
1962	347 08:10:14	31				END PWSREC.31			43142:43:034F	03-346/19:31:49	1T
1963	347 10:15:48	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		43145:20:002F	03-346/21:37:24	1ECd
1964	347 10:15:48	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1756	DTR		43145:20:002F	03-346/21:37:24	1ESd
1965	347 10:42:59	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		43145:53:780F	03-346/22:04:34	1ECd
1966	347 10:42:59	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2344	DTR		43145:53:780F	03-346/22:04:34	1ESd
1967	347 12:00:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9621					1DP
1968	347 12:00:00	31				VGR-31 OWLT IS 12H 38M 24S					1L
1969	347 13:15:49	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		43149:05:002F	03-347/00:37:24	1ECd
1970	347 13:39:13	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1971	347 14:10:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9622 (D/L ONLY)					1DP
1972	347 14:10:00	31				CFG CODES					1DP
1973	347 17:15:32	31	60 SET			14.4 DEGREE SET DSC-60					1V
1974	347 18:35:01	31			AC7SSB	(4 +161) SS BIAS CONTROL --- YAW	AACS		43155:44:003F	03-347/05:56:36	1ECa
1975	347 21:04:13	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1976	347 21:40:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9622					1DP



FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1977	348 00:00:00	31				VGR-31 OWLT IS 12H 38M 26S					1L
1978	348 01:04:03	31	10	SET		10.2 DEGREE SET DSC-10					1V
1979	348 05:55:00	31	63	AOS	OPCH ACE	AOS DSS-63 PASS-9622 (D/L ONLY)					1DP
1980	348 05:55:00	31				CFG CODES					1DP
1981	348 06:02:51	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
1982	348 06:10:03	31	40	SET		10.2 DEGREE SET DSC-40					1V
1983	348 12:00:00	31				VGR-31 OWLT IS 12H 38M 28S					1L
1984	348 12:10:00	31	63	LOS	OPCH ACE	LOS DSS-63 PASS-9622					1DP
1985	348 13:35:20	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
1986	348 14:50:00	31	25	AOS	OPCH ACE	AOS DSS-25 PASS-9623 (D/L ONLY)					1DP
1987	348 14:50:00	31				CFG CODES					1DP
1988	348 17:11:37	31	60	SET		14.4 DEGREE SET DSC-60					1V
1989	348 21:00:20	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
1990	348 23:40:00	31	25	LOS	OPCH ACE	LOS DSS-25 PASS-9623					1DP
1991	349 00:00:00	31				VGR-31 OWLT IS 12H 38M 30S					1L
1992	349 01:00:10	31	10	SET		10.2 DEGREE SET DSC-10					1V
1993	349 05:50:00	31	63	AOS	OPCH ACE	AOS DSS-63 PASS-9623 (U/L PASS)					1DP
1994	349 05:58:58	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
1995	349 06:06:10	31	40	SET		10.2 DEGREE SET DSC-40					1V
1996	349 12:00:00	31				VGR-31 OWLT IS 12H 38M 32S					1L
1997	349 13:31:27	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
1998	349 13:45:00	31	63	LOS	OPCH ACE	LOS DSS-63 PASS-9623					1DP

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1999	349 14:50:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9624 (D/L ONLY)					1DP
2000	349 14:50:00	31				CFG CODES					1DP
2001	349 17:07:45	31	60 SET			14.4 DEGREE SET DSC-60					1V
2002	349 20:25:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9624					1DP
2003	349 20:56:27	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2004	350 00:00:00	31				VGR-31 OWLT IS 12H 38M 34S					1L
2005	350 00:56:17	31	10 SET			10.2 DEGREE SET DSC-10					1V
2006	350 05:55:05	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2007	350 06:02:17	31	40 SET			10.2 DEGREE SET DSC-40					1V
2008	350 08:40:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9624 (D/L ONLY)					1DP
2009	350 08:40:00	31				CFG CODES					1DP
2010	350 11:35:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9624					1DP
2011	350 12:00:00	31				VGR-31 OWLT IS 12H 38M 35S					1L
2012	350 13:27:34	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2013	350 14:15:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9625 (D/L ONLY)					1DP
2014	350 14:15:00	31				CFG CODES					1DP
2015	350 17:03:53	31	60 SET			14.4 DEGREE SET DSC-60					1V
2016	350 20:52:34	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2017	350 21:35:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9625					1DP
2018	351 00:00:00	31				VGR-31 OWLT IS 12H 38M 37S					1L
2019	351 00:52:23	31	10 SET			10.2 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2020	351 01:39:49	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2021	351 01:39:49	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
2022	351 01:40:37	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2023	351 01:40:37	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
2024	351 01:43:13	31				BEGIN PWSREC.31			43254:39:001F	03-350/13:04:35	1T
2025	351 01:43:13	31			SC32AJ	(10) PLS CONFIG CMD	FDS		43254:39:009F	03-350/13:04:36	1ECf
2026	351 01:44:01	31				B- DRGS4B			43254:40:001F	03-350/13:05:23	1TB
2027	351 01:44:01	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		43254:40:009F	03-350/13:05:24	1ECf
2028	351 01:44:45	31				BEGIN RECORDING PWS DATA			43254:40:734F	03-350/13:06:07	1T
2029	351 01:44:45	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		43254:40:735F	03-350/13:06:08	1ECd
2030	351 01:44:45	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:2344	DTR		43254:40:735F	03-350/13:06:08	1ESd
2031	351 01:44:49	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	43254:41:001F	03-350/13:06:11	1ESf

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2032	351 01:44:49	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		43254:41:002F	03-350/13:06:11	1ECs
2033	351 01:44:50	31				B- DRCRUS			43254:41:018F	03-350/13:06:12	1TB
2034	351 01:44:50	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		43254:41:026F	03-350/13:06:13	1ECF
2035	351 01:45:37	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	43254:42:001F	03-350/13:06:59	1ESF
2036	351 01:45:37	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		43254:42:002F	03-350/13:06:59	1ECs
2037	351 01:45:37	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		43254:42:002F	03-350/13:07:00	1ECd
2038	351 01:45:37	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2636	DTR		43254:42:002F	03-350/13:07:00	1ESd
2039	351 01:46:25	31			SC32AJ	(13) PLS CONFIG CMD	FDS		43254:43:009F	03-350/13:07:48	1ECf
2040	351 01:46:26	31				END PWSREC.31			43254:43:018F	03-350/13:07:48	1T
2041	351 05:51:12	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2042	351 05:57:38	31			AC7SSB	(3 +007) SS BIAS CONTROL - PITCH	AACS		43259:57:003F	03-350/17:19:00	1ECa
2043	351 05:58:24	31	40 SET			10.2 DEGREE SET DSC-40					1V
2044	351 08:35:00	31	54 AOS	OPCH	ACE	AOS DSS-54 PASS-9625 (D/L ONLY)					1DP
2045	351 08:35:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2046	351 12:00:00	31				VGR-31 OWLT IS 12H 38M 39S					1L
2047	351 12:30:00	31	54 LOS	OPCH ACE		LOS DSS-54 PASS-9625					1DP
2048	351 13:23:41	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2049	351 14:40:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9626 (D/L ONLY)					1DP
2050	351 14:40:00	31				CFG CODES					1DP
2051	351 16:59:59	31	60 SET			14.4 DEGREE SET DSC-60					1V
2052	351 19:35:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9626					1DP
2053	351 20:48:41	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2054	352 00:00:00	31				VGR-31 OWLT IS 12H 38M 40S					1L
2055	352 00:48:30	31	10 SET			10.2 DEGREE SET DSC-10					1V
2056	352 05:47:19	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2057	352 05:54:30	31	40 SET			10.2 DEGREE SET DSC-40					1V
2058	352 08:35:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9626 (D/L ONLY)					1DP
2059	352 08:35:00	31				CFG CODES					1DP
2060	352 12:00:00	31				VGR-31 OWLT IS 12H 38M 42S					1L
2061	352 13:19:48	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2062	352 14:30:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9626					1DP
2063	352 16:15:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9627 (D/L ONLY)					1DP
2064	352 16:15:00	31				CFG CODES					1DP
2065	352 16:56:07	31	60 SET			14.4 DEGREE SET DSC-60					1V
2066	352 20:44:48	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2067	352 20:55:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9627					1DP

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2068	353 00:00:00	31				VGR-31 OWLT IS 12H 38M 44S					1L
2069	353 00:44:37	31	10	SET		10.2 DEGREE SET DSC-10					1V
2070	353 05:43:26	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
2071	353 05:50:37	31	40	SET		10.2 DEGREE SET DSC-40					1V
2072	353 06:45:00	31	65	AOS	OPCH ACE	AOS DSS-65 PASS-9627 (D/L ONLY)					1DP
2073	353 06:45:00	31				CFG CODES					1DP
2074	353 12:00:00	31				VGR-31 OWLT IS 12H 38M 45S					1L
2075	353 12:59:09	31			ACE OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR CHG IN D/L CARRIER SIG LEVEL					11EC
2076	353 13:00:09	31				B- XHIPWR.31			43328:45:001F	03-353/00:21:23	1TB
2077	353 13:00:09	31				BEGIN XHIPWR31			43328:45:001F	03-353/00:21:23	1T
2078	353 13:00:09	31			CC1TR	BAY 1 HTR OFF	PWR		43328:45:002F	03-353/00:21:24	1ECp
2079	353 13:04:09	31				X BAND HIGH POWER			43328:50:001F	03-353/00:25:23	1T
2080	353 13:04:09	31			DC2H	X-BAND TWT HIGH POWER	RFS		43328:50:002F	03-353/00:25:23	1ECr
2081	353 13:10:00	31	14	AOS	OPCH ACE	AOS DSS-14 PASS-9628 (D/L ONLY)					1DP
2082	353 13:10:00	31				CFG CODES					1DP
2083	353 13:15:55	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
2084	353 13:30:00	31	65	LOS	OPCH ACE	LOS DSS-65 PASS-9627					1DP
2085	353 13:55:57	31			ACE OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2086	353 13:55:57	31			ACE OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=39 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2087	353 14:00:09	31				B- FULMRO			43330:00:001F	03-353/01:21:23	1TB

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2088	353 14:00:09	31				BEGIN FULMRO			43330:00:001F	03-353/01:21:23	1T
2089	353 14:00:09	31			SC06BB	(16 0 14 0) FDS MODE TO: EH-12 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : MOD CRUISE AACS READOUT MODE : TELEMETRY	FDS		43330:00:009F	03-353/01:21:24	1ECf
2090	353 14:00:57	31		ACE	OPCH	FDS STATUS EH-12/X1.2K/S(N/A) MEM:PA/FDS11	FDS	MC-12	43330:01:001F	03-353/01:22:11	1ESf
2091	353 14:00:57	31			CC3A	(39310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=39 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		43330:01:002F	03-353/01:22:11	1ECs
2092	353 14:10:22	31		ACE	OPCH	>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2093	353 14:14:34	31			SC06BB	(16 0 14 1) FDS MODE TO: EH-12 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : MOD CRUISE AACS READOUT MODE : MEMORY	FDS		43330:18:009F	03-353/01:35:48	1ECf
2094	353 14:15:21	31				START AACS MEM R/O			43330:18:784F	03-353/01:36:34	1T
2095	353 14:15:22	31		ACE	OPCH	FDS STATUS EH-12/X1.2K/S(N/A) MEM:PA/FDS11	FDS	AA-12	43330:19:001F	03-353/01:36:35	1ESf
2096	353 14:15:22	31			AC7MLD	(0000) MISC LOGIC CNTL MEM DUMP	AACS		43330:19:003F	03-353/01:36:36	1ECa
2097	353 14:30:22	31		ACE	OPCH	>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2098	353 14:34:34	31			SC06PV	(8004) FDS TREE SWITCH ID CCS MEMORY READ OUT	FDS		43330:43:009F	03-353/01:55:48	1ECf

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2099	353 14:34:35	31			SC06BB	(16 0 02 0) FDS MODE TO: EH-12 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CCS MEM R/O AACS READOUT MODE : TELEMETRY	FDS		43330:43:019F	03-353/01:55:49	1ECf
2100	353 14:35:20	31				END AACS R/O			43330:43:768F	03-353/01:56:33	1T
2101	353 14:35:21	31				BEGIN CCS MEM R/O			43330:43:784F	03-353/01:56:34	1T
2102	353 14:35:22	31		ACE OPCH		FDS STATUS EH-12/X1.2K/S(N/A) MEM:PA/FDS11	FDS	CCS R/O	43330:44:001F	03-353/01:56:35	1ESf
2103	353 14:40:10	31			SC06PV	(8005) FDS TREE SWITCH ID CCS MEMORY READ OUT	FDS		43330:50:009F	03-353/02:01:24	1ECf
2104	353 14:41:34	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2105	353 14:44:58	31			SC06PU	(0000) FDS R/O START ADDRESS	FDS		43330:56:009F	03-353/02:06:12	1ECf
2106	353 14:45:46	31			SC06BB	(16 0 00 0) FDS MODE TO: EH-12 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : FDS MEM R/O AACS READOUT MODE : TELEMETRY	FDS		43330:57:009F	03-353/02:07:00	1ECf
2107	353 14:46:33	31				END CCS MEM R/O			43330:57:784F	03-353/02:07:46	1T
2108	353 14:46:34	31				BEGIN FDS MEM R/O			43330:58:001F	03-353/02:07:47	1T
2109	353 14:46:34	31		ACE OPCH		FDS STATUS EH-12/X1.2K/S(N/A) MEM:PA/FDS11	FDS	FDS R/O	43330:58:001F	03-353/02:07:47	1ESf
2110	353 14:54:22	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf



FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT 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	353 14:54:22	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
2112	353 14:58:34	31				B- DRCRUS			43331:13:001F	03-353/02:19:47	1TB
2113	353 14:58:34	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		43331:13:009F	03-353/02:19:48	1ECF
2114	353 14:59:22	31				END FDS MEM R/O			43331:14:001F	03-353/02:20:35	1T
2115	353 14:59:22	31		ACE OPCH			FDS	CR-5T	43331:14:001F	03-353/02:20:35	1ESF
						FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11					
2116	353 14:59:22	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		43331:14:002F	03-353/02:20:35	1ECs
2117	353 14:59:23	31				END FULMRO			43331:14:018F	03-353/02:20:36	1T
2118	353 15:10:00	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR CHG IN D/L CARRIER SIG LEVEL					11EC
2119	353 15:15:00	31				X BAND LOW POWER			43331:33:434F	03-353/02:36:13	1T
2120	353 15:15:00	31			DC2HR	X-BAND TWT LOW POWER	RFS		43331:33:435F	03-353/02:36:13	1ECr
2121	353 15:19:00	31			CC1T	BAY 1 HTR ON	PWR		43331:38:435F	03-353/02:40:14	1ECp
2122	353 15:19:01	31				END XHIPWR31			43331:38:451F	03-353/02:40:14	1T
2123	353 15:45:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9628					1DP
2124	353 16:52:12	31	60 SET			14.4 DEGREE SET DSC-60					1V
2125	353 20:40:55	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2126	354 00:00:00	31				VGR-31 OWLT IS 12H 38M 47S					1L

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2127	354 00:40:44	31	10 SET			10.2 DEGREE SET DSC-10					1V
2128	354 04:42:35	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		43348:23:002F	03-353/16:03:48	1ECd
2129	354 04:42:35	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2643	DTR		43348:23:002F	03-353/16:03:48	1ESd
2130	354 05:23:37	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		43349:14:234F	03-353/16:44:49	1ECd
2131	354 05:23:37	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1756	DTR		43349:14:234F	03-353/16:44:49	1ESd
2132	354 05:39:32	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2133	354 05:46:44	31	40 SET			10.2 DEGREE SET DSC-40					1V
2134	354 06:30:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9628 (D/L ONLY)					1DP
2135	354 06:30:00	31				CFG CODES					1DP
2136	354 07:07:24	31			AC7SSB	(4 +162) SS BIAS CONTROL --- YAW	AACS		43351:24:003F	03-353/18:28:36	1ECa
2137	354 07:40:00	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2138	354 07:40:00	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
2139	354 07:40:48	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2140	354 07:40:48	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
2141	354 07:42:36	31			CC16C	(7017) DTR STATE SELECT: READY	DTR		43352:08:002F	03-353/19:03:48	1ECd

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2142	354 07:42:36	31					DTR		43352:08:002F	03-353/19:03:48	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:1756					
2143	354 07:43:24	31			SC32AJ	(10) PLS CONFIG CMD	FDS		43352:09:009F	03-353/19:04:36	1ECf
2144	354 07:43:25	31				AHEL11 PWSREC 15			43352:09:018F	03-353/19:04:36	1T
2145	354 07:43:25	31				B- PWSREC.31			43352:09:018F	03-353/19:04:36	1TB
2146	354 07:43:25	31				BEGIN PWSREC.31			43352:09:018F	03-353/19:04:36	1T
2147	354 07:44:12	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		43352:10:009F	03-353/19:05:24	1ECf
2148	354 07:44:13	31				B- DRGS4B			43352:10:018F	03-353/19:05:24	1TB
2149	354 07:44:56	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		43352:10:735F	03-353/19:06:08	1ECd
2150	354 07:44:56	31					DTR		43352:10:735F	03-353/19:06:08	1ESd
						DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:1756					
2151	354 07:44:57	31				BEGIN RECORDING PWS DATA			43352:10:751F	03-353/19:06:08	1T
2152	354 07:45:00	31		ACE OPCH			FDS	GS-4B	43352:11:001F	03-353/19:06:11	1ESf
						FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION					
2153	354 07:45:00	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		43352:11:002F	03-353/19:06:11	1ECs

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2154	354 07:45:01	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		43352:11:026F	03-353/19:06:13	1ECf
2155	354 07:45:02	31				B- DRCRUS			43352:11:034F	03-353/19:06:13	1TB
2156	354 07:45:48	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	43352:12:001F	03-353/19:06:59	1ESf
2157	354 07:45:48	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		43352:12:002F	03-353/19:06:59	1ECs
2158	354 07:45:48	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		43352:12:002F	03-353/19:07:00	1ECd
2159	354 07:45:48	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2049	DTR		43352:12:002F	03-353/19:07:00	1ESd
2160	354 07:46:36	31			SC32AJ	(13) PLS CONFIG CMD	FDS		43352:13:009F	03-353/19:07:48	1ECf
2161	354 07:46:38	31				END PWSREC.31			43352:13:034F	03-353/19:07:49	1T
2162	354 09:52:12	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		43354:50:002F	03-353/21:13:24	1ECd
2163	354 09:52:12	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:2055	DTR		43354:50:002F	03-353/21:13:24	1ESd
2164	354 10:19:23	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		43355:23:780F	03-353/21:40:34	1ECd
2165	354 10:19:23	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2643	DTR		43355:23:780F	03-353/21:40:34	1ESd

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2166	354 11:45:00	31	54 AOS	OPCH ACE		AOS DSS-54 PASS-9628 (D/L ONLY)					1DP
2167	354 11:45:00	31				CFG CODES					1DP
2168	354 12:00:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9628					1DP
2169	354 12:00:00	31				VGR-31 OWLT IS 12H 38M 48S					1L
2170	354 12:52:12	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		43358:35:002F	03-354/00:13:24	1ECd
2171	354 13:12:01	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2172	354 14:25:00	31	54 LOS	OPCH ACE		LOS DSS-54 PASS-9628					1DP
2173	354 14:30:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9629 (D/L ONLY)					1DP
2174	354 14:30:00	31				CFG CODES					1DP
2175	354 16:48:20	31	60 SET			14.4 DEGREE SET DSC-60					1V
2176	354 19:05:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-9629 (D/L ONLY)					1DP
2177	354 19:05:00	31				CFG CODES					1DP
2178	354 19:25:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9629					1DP
2179	354 20:37:02	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2180	354 21:45:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-9629					1DP
2181	355 00:00:00	31				VGR-31 OWLT IS 12H 38M 50S					1L
2182	355 00:36:51	31	10 SET			10.2 DEGREE SET DSC-10					1V
2183	355 05:30:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9629 (D/L ONLY)					1DP
2184	355 05:30:00	31				CFG CODES					1DP
2185	355 05:35:39	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2186	355 05:42:51	31	40 SET			10.2 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2187	355 11:15:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9629					1DP
2188	355 12:00:00	31				VGR-31 OWLT IS 12H 38M 51S					1L
2189	355 13:08:08	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2190	355 14:25:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9630 (D/L ONLY)					1DP
2191	355 14:25:00	31				CFG CODES					1DP
2192	355 16:44:26	31	60 SET			14.4 DEGREE SET DSC-60					1V
2193	355 19:44:16	31			AC7SSB	(3 +006) SS BIAS CONTROL - PITCH	AACS		43397:10:003F	03-355/07:05:24	1ECa
2194	355 20:33:09	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2195	355 23:15:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9630					1DP
2196	356 00:00:00	31				VGR-31 OWLT IS 12H 38M 53S					1L
2197	356 00:32:58	31	10 SET			10.2 DEGREE SET DSC-10					1V
2198	356 05:31:46	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2199	356 05:38:58	31	40 SET			10.2 DEGREE SET DSC-40					1V
2200	356 05:40:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9630 (U/L PASS)					1DP
2201	356 12:00:00	31				VGR-31 OWLT IS 12H 38M 54S					1L
2202	356 13:04:15	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2203	356 13:15:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9630					1DP
2204	356 16:40:34	31	60 SET			14.4 DEGREE SET DSC-60					1V
2205	356 20:29:16	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2206	357 00:00:00	31				VGR-31 OWLT IS 12H 38M 55S					1L
2207	357 00:29:05	31	10 SET			10.2 DEGREE SET DSC-10					1V
2208	357 05:27:53	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2209	357 05:35:04	31	40 SET			10.2 DEGREE SET DSC-40					1V



FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2228	358 01:20:22	31				B- DRGS4B			43464:10:001F	03-357/12:41:23	1TB
2229	358 01:20:22	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		43464:10:009F	03-357/12:41:24	1ECf
2230	358 01:21:06	31				BEGIN RECORDING PWS DATA			43464:10:734F	03-357/12:42:07	1T
2231	358 01:21:06	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		43464:10:735F	03-357/12:42:08	1ECd
2232	358 01:21:06	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:2643	DTR		43464:10:735F	03-357/12:42:08	1ESd
2233	358 01:21:10	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	43464:11:001F	03-357/12:42:11	1ESf
2234	358 01:21:10	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		43464:11:002F	03-357/12:42:11	1ECs
2235	358 01:21:11	31				B- DRCRUS			43464:11:018F	03-357/12:42:12	1TB
2236	358 01:21:11	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		43464:11:026F	03-357/12:42:13	1ECf
2237	358 01:21:58	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	43464:12:001F	03-357/12:42:59	1ESf



FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2238	358 01:21:58	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		43464:12:002F	03-357/12:42:59	1ECs
2239	358 01:21:58	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		43464:12:002F	03-357/12:43:00	1ECd
2240	358 01:21:58	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2935	DTR		43464:12:002F	03-357/12:43:00	1ESd
2241	358 01:22:46	31			SC32AJ	(13) PLS CONFIG CMD	FDS		43464:13:009F	03-357/12:43:48	1ECF
2242	358 01:22:47	31				END PWSREC.31			43464:13:018F	03-357/12:43:48	1T
2243	358 05:23:59	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2244	358 05:31:11	31	40 SET			10.2 DEGREE SET DSC-40					1V
2245	358 08:15:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9632 (D/L ONLY)					1DP
2246	358 08:15:00	31				CFG CODES					1DP
2247	358 12:00:00	31				VGR-31 OWLT IS 12H 38M 59S					1L
2248	358 12:56:28	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2249	358 14:10:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9632					1DP
2250	358 14:15:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9633 (D/L ONLY)					1DP
2251	358 14:15:00	31				CFG CODES					1DP
2252	358 16:32:45	31	60 SET			14.4 DEGREE SET DSC-60					1V
2253	358 20:21:30	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2254	358 21:40:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9633					1DP
2255	359 00:00:00	31				VGR-31 OWLT IS 12H 39M 01S					1L
2256	359 00:21:19	31	10 SET			10.2 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2257	359 05:20:06	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2258	359 05:27:18	31	40 SET			10.2 DEGREE SET DSC-40					1V
2259	359 06:20:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9633 (D/L ONLY)					1DP
2260	359 06:20:00	31				CFG CODES					1DP
2261	359 08:00:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9633 (D/L ONLY)					1DP
2262	359 08:00:00	31				CFG CODES					1DP
2263	359 08:20:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9633					1DP
2264	359 12:00:00	31				VGR-31 OWLT IS 12H 39M 02S					1L
2265	359 12:52:35	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2266	359 14:05:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9634 (D/L ONLY)					1DP
2267	359 14:05:00	31				CFG CODES					1DP
2268	359 14:10:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9633					1DP
2269	359 16:28:53	31	60 SET			14.4 DEGREE SET DSC-60					1V
2270	359 19:15:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9634					1DP
2271	359 20:17:37	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2272	360 00:00:00	31				VGR-31 OWLT IS 12H 39M 03S					1L
2273	360 00:17:26	31	10 SET			10.2 DEGREE SET DSC-10					1V
2274	360 05:16:13	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2275	360 05:23:24	31	40 SET			10.2 DEGREE SET DSC-40					1V
2276	360 06:15:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9634 (D/L ONLY)					1DP
2277	360 06:15:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2278	360 09:30:52	31			AC7SSB	(3 +005) SS BIAS CONTROL - PITCH	AACS		43534:23:003F	03-359/20:51:48	1ECa
2279	360 09:55:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9634					1DP
2280	360 12:00:00	31				VGR-31 OWLT IS 12H 39M 04S					1L
2281	360 12:48:42	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2282	360 14:05:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9635 (D/L ONLY)					1DP
2283	360 14:05:00	31				CFG CODES					1DP
2284	360 16:24:59	31	60 SET			14.4 DEGREE SET DSC-60					1V
2285	360 20:13:44	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2286	360 22:55:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9635					1DP
2287	361 00:00:00	31				VGR-31 OWLT IS 12H 39M 05S					1L
2288	361 00:13:33	31	10 SET			10.2 DEGREE SET DSC-10					1V
2289	361 04:18:54	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		43557:53:002F	03-360/15:39:48	1ECd
2290	361 04:18:54	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2942	DTR		43557:53:002F	03-360/15:39:48	1ESd
2291	361 04:59:56	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		43558:44:234F	03-360/16:20:49	1ECd
2292	361 04:59:56	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2055	DTR		43558:44:234F	03-360/16:20:49	1ESd
2293	361 05:12:19	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2294	361 05:19:31	31	40 SET			10.2 DEGREE SET DSC-40					1V
2295	361 07:16:18	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2296	361 07:16:18	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
2297	361 07:17:06	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
2298	361 07:17:06	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
2299	361 07:18:54	31			CC16C	(7017) DTR STATE SELECT: READY	DTR		43561:38:002F	03-360/18:39:48	1ECd
2300	361 07:18:54	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2055	DTR		43561:38:002F	03-360/18:39:48	1ESd
2301	361 07:19:42	31			SC32AJ	(10) PLS CONFIG CMD	FDS		43561:39:009F	03-360/18:40:36	1ECF
2302	361 07:19:43	31				AHEL11 PWSREC 16			43561:39:018F	03-360/18:40:36	1T
2303	361 07:19:43	31				B- PWSREC.31			43561:39:018F	03-360/18:40:36	1TB
2304	361 07:19:43	31				BEGIN PWSREC.31			43561:39:018F	03-360/18:40:36	1T
2305	361 07:20:30	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		43561:40:009F	03-360/18:41:24	1ECF
2306	361 07:20:31	31				B- DRGS4B			43561:40:018F	03-360/18:41:24	1TB
2307	361 07:21:14	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		43561:40:735F	03-360/18:42:08	1ECd
2308	361 07:21:14	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:2055	DTR		43561:40:735F	03-360/18:42:08	1ESd
2309	361 07:21:15	31				BEGIN RECORDING PWS DATA			43561:40:751F	03-360/18:42:08	1T

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2310	361 07:21:18	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	43561:41:001F	03-360/18:42:11	1ESf
2311	361 07:21:18	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		43561:41:002F	03-360/18:42:11	1ECs
2312	361 07:21:19	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		43561:41:026F	03-360/18:42:13	1ECf
2313	361 07:21:20	31				B- DRCRUS			43561:41:034F	03-360/18:42:13	1TB
2314	361 07:22:06	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	43561:42:001F	03-360/18:42:59	1ESf
2315	361 07:22:06	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		43561:42:002F	03-360/18:43:00	1ECs
2316	361 07:22:06	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		43561:42:002F	03-360/18:43:00	1ECd
2317	361 07:22:06	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2348	DTR		43561:42:002F	03-360/18:43:00	1ESd
2318	361 07:22:54	31			SC32AJ	(13) PLS CONFIG CMD	FDS		43561:43:009F	03-360/18:43:48	1ECf
2319	361 07:22:56	31				END PWSREC.31			43561:43:034F	03-360/18:43:49	1T
2320	361 08:00:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9635 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2321	361 08:00:00	31				CFG CODES					1DP
2322	361 09:28:30	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		43564:20:002F	03-360/20:49:24	1ECd
2323	361 09:28:30	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:2354	DTR		43564:20:002F	03-360/20:49:24	1ESd
2324	361 09:55:41	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		43564:53:780F	03-360/21:16:34	1ECd
2325	361 09:55:41	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2942	DTR		43564:53:780F	03-360/21:16:34	1ESd
2326	361 11:45:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9635					1DP
2327	361 12:00:00	31				VGR-31 OWLT IS 12H 39M 06S					1L
2328	361 12:28:30	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		43568:05:002F	03-360/23:49:24	1ECd
2329	361 12:44:48	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2330	361 14:00:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9636 (D/L ONLY)					1DP
2331	361 14:00:00	31				CFG CODES					1DP
2332	361 16:21:04	31	60 SET			14.4 DEGREE SET DSC-60					1V
2333	361 20:09:51	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2334	361 21:15:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9636					1DP
2335	362 00:00:00	31				VGR-31 OWLT IS 12H 39M 07S					1L
2336	362 00:09:40	31	10 SET			10.2 DEGREE SET DSC-10					1V
2337	362 05:08:26	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2338	362 05:15:38	31	40 SET			10.2 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2339	362 06:10:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9636 (D/L ONLY)					1DP
2340	362 06:10:00	31				CFG CODES					1DP
2341	362 10:55:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9636 (D/L ONLY)					1DP
2342	362 10:55:00	31				CFG CODES					1DP
2343	362 11:15:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9636					1DP
2344	362 12:00:00	31				VGR-31 OWLT IS 12H 39M 08S					1L
2345	362 12:40:55	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2346	362 13:50:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9636					1DP
2347	362 14:00:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9637 (D/L ONLY)					1DP
2348	362 14:00:00	31				CFG CODES					1DP
2349	362 14:55:45	31			AC7SSB	(4 +163) SS BIAS CONTROL --- YAW	AACS		43601:09:003F	03-362/02:16:36	1ECa
2350	362 16:17:12	31	60 SET			14.4 DEGREE SET DSC-60					1V
2351	362 18:45:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9637					1DP
2352	362 20:05:58	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2353	363 00:00:00	31				VGR-31 OWLT IS 12H 39M 09S					1L
2354	363 00:05:47	31	10 SET			10.2 DEGREE SET DSC-10					1V
2355	363 05:00:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9637 (U/L PASS)					1DP
2356	363 05:04:32	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2357	363 05:11:44	31	40 SET			10.2 DEGREE SET DSC-40					1V
2358	363 11:00:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9637					1DP
2359	363 12:00:00	31				VGR-31 OWLT IS 12H 39M 10S					1L
2360	363 12:37:02	31	10RISE			10.2 DEGREE RISE DSC-10					1V







FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2392	365 00:57:25	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		43673:41:002F	03-364/12:18:11	1ECs
2393	365 00:57:26	31				B- DRCRUS			43673:41:018F	03-364/12:18:12	1TB
2394	365 00:57:26	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		43673:41:026F	03-364/12:18:13	1ECF
2395	365 00:58:13	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	43673:42:001F	03-364/12:18:59	1ESF
2396	365 00:58:13	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		43673:42:002F	03-364/12:18:59	1ECs
2397	365 00:58:13	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		43673:42:002F	03-364/12:19:00	1ECd
2398	365 00:58:13	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3234	DTR		43673:42:002F	03-364/12:19:00	1ESd
2399	365 00:59:01	31			SC32AJ	(13) PLS CONFIG CMD	FDS		43673:43:009F	03-364/12:19:48	1ECf
2400	365 00:59:02	31				END PWSREC.31			43673:43:018F	03-364/12:19:48	1T
2401	365 04:56:45	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2402	365 05:03:57	31	40 SET			10.2 DEGREE SET DSC-40					1V
2403	365 07:40:00	31	55 AOS	OPCH	ACE	AOS DSS-55 PASS-9639 (D/L ONLY)					1DP
2404	365 07:40:00	31				CFG CODES					1DP
2405	365 12:00:00	31				VGR-31 OWLT IS 12H 39M 14S					1L

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2406	365 12:25:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9639					1DP
2407	365 12:29:15	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2408	365 13:45:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9640 (D/L ONLY)					1DP
2409	365 13:45:00	31				CFG CODES					1DP
2410	365 16:05:32	31	60 SET			14.4 DEGREE SET DSC-60					1V
2411	365 19:54:19	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2412	365 21:10:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9640					1DP
2413	365 23:54:08	31	10 SET			10.2 DEGREE SET DSC-10					1V
2414	001 00:00:00	31				VGR-31 OWLT IS 12H 39M 15S					1L
2415	001 04:52:52	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2416	001 05:00:03	31	40 SET			10.2 DEGREE SET DSC-40					1V
2417	001 12:00:00	31				VGR-31 OWLT IS 12H 39M 16S					1L
2418	001 12:25:21	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2419	001 13:45:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9641 (D/L ONLY)					1DP
2420	001 13:45:00	31				CFG CODES					1DP
2421	001 16:01:37	31	60 SET			14.4 DEGREE SET DSC-60					1V
2422	001 19:50:26	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2423	001 20:45:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9641					1DP
2424	001 23:50:15	31	10 SET			10.2 DEGREE SET DSC-10					1V
2425	002 00:00:00	31				VGR-31 OWLT IS 12H 39M 17S					1L
2426	002 04:48:58	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2427	002 04:56:10	31	40 SET			10.2 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2428	002 07:35:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9641 (D/L ONLY)					1DP
2429	002 07:35:00	31				CFG CODES					1DP
2430	002 12:00:00	31				VGR-31 OWLT IS 12H 39M 17S					1L
2431	002 12:21:27	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2432	002 12:45:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9641					1DP
2433	002 13:35:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9642 (D/L ONLY)					1DP
2434	002 13:35:00	31				CFG CODES					1DP
2435	002 15:57:43	31	60 SET			14.4 DEGREE SET DSC-60					1V
2436	002 19:45:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9642					1DP
2437	002 19:46:33	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2438	002 23:46:22	31	10 SET			10.2 DEGREE SET DSC-10					1V
2439	003 00:00:00	31				VGR-31 OWLT IS 12H 39M 18S					1L
2440	003 03:55:06	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		43767:23:002F	04-002/15:15:48	1ECd
2441	003 03:55:06	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3241	DTR		43767:23:002F	04-002/15:15:48	1ESd
2442	003 04:36:08	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		43768:14:234F	04-002/15:56:49	1ECd
2443	003 04:36:08	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2354	DTR		43768:14:234F	04-002/15:56:49	1ESd
2444	003 04:45:04	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2445	003 04:52:16	31	40 SET			10.2 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2446	003 05:40:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9642 (D/L ONLY)					1DP
2447	003 05:40:00	31				CFG CODES					1DP
2448	003 06:52:30	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
2449	003 06:52:30	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2450	003 06:53:18	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
2451	003 06:53:18	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
2452	003 06:55:06	31			CC16C	(7017) DTR STATE SELECT: READY	DTR		43771:08:002F	04-002/18:15:48	1ECd
2453	003 06:55:06	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2354	DTR		43771:08:002F	04-002/18:15:48	1ESd
2454	003 06:55:54	31			SC32AJ	(10) PLS CONFIG CMD	FDS		43771:09:009F	04-002/18:16:36	1ECF
2455	003 06:55:55	31				AHEL11 PWSREC 17			43771:09:018F	04-002/18:16:36	1T
2456	003 06:55:55	31				B- PWSREC.31			43771:09:018F	04-002/18:16:36	1TB
2457	003 06:55:55	31				BEGIN PWSREC.31			43771:09:018F	04-002/18:16:36	1T
2458	003 06:56:42	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		43771:10:009F	04-002/18:17:24	1ECF
2459	003 06:56:43	31				B- DRGS4B			43771:10:018F	04-002/18:17:24	1TB
2460	003 06:57:26	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		43771:10:735F	04-002/18:18:08	1ECd

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2461	003 06:57:26	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:2354	DTR		43771:10:735F	04-002/18:18:08	1ESd
2462	003 06:57:27	31				BEGIN RECORDING PWS DATA			43771:10:751F	04-002/18:18:08	1T
2463	003 06:57:30	31		ACE	OPCH	FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	43771:11:001F	04-002/18:18:11	1ESf
2464	003 06:57:30	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		43771:11:002F	04-002/18:18:11	1ECs
2465	003 06:57:31	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		43771:11:026F	04-002/18:18:13	1ECf
2466	003 06:57:32	31				B- DRCRUS			43771:11:034F	04-002/18:18:13	1TB
2467	003 06:58:18	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	43771:12:001F	04-002/18:18:59	1ESf
2468	003 06:58:18	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		43771:12:002F	04-002/18:18:59	1ECs
2469	003 06:58:18	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		43771:12:002F	04-002/18:19:00	1ECd

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2470	003 06:58:18	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2647	DTR		43771:12:002F	04-002/18:19:00	1ESd
2471	003 06:59:06	31			SC32AJ	(13) PLS CONFIG CMD	FDS		43771:13:009F	04-002/18:19:48	1ECf
2472	003 06:59:08	31				END PWSREC.31			43771:13:034F	04-002/18:19:49	1T
2473	003 09:04:43	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		43773:50:002F	04-002/20:25:24	1ECd
2474	003 09:04:43	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:2653	DTR		43773:50:002F	04-002/20:25:24	1ESd
2475	003 09:31:54	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		43774:23:780F	04-002/20:52:34	1ECd
2476	003 09:31:54	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3241	DTR		43774:23:780F	04-002/20:52:34	1ESd
2477	003 11:25:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9642					1DP
2478	003 12:00:00	31				VGR-31 OWLT IS 12H 39M 19S					1L
2479	003 12:04:43	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		43777:35:002F	04-002/23:25:24	1ECd
2480	003 12:17:34	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2481	003 12:45:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9643 (D/L ONLY)					1DP
2482	003 12:45:00	31				CFG CODES					1DP
2483	003 15:53:48	31	60 SET			14.4 DEGREE SET DSC-60					1V
2484	003 19:42:40	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2485	003 20:45:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9643					1DP
2486	003 23:42:29	31	10 SET			10.2 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2487	004 00:00:00	31				VGR-31 OWLT IS 12H 39M 19S					1L
2488	004 04:41:11	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2489	004 04:48:22	31	40 SET			10.2 DEGREE SET DSC-40					1V
2490	004 05:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9643 (D/L ONLY)					1DP
2491	004 05:45:00	31				CFG CODES					1DP
2492	004 12:00:00	31				VGR-31 OWLT IS 12H 39M 20S					1L
2493	004 12:13:40	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2494	004 13:03:56	31			AC7SSB	(3 +003) SS BIAS CONTROL - PITCH	AACS		43808:49:003F	04-004/00:24:36	1ECa
2495	004 15:15:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9643					1DP
2496	004 15:49:56	31	60 SET			14.4 DEGREE SET DSC-60					1V
2497	004 19:38:47	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2498	004 23:38:36	31	10 SET			10.2 DEGREE SET DSC-10					1V
2499	005 00:00:00	31				VGR-31 OWLT IS 12H 39M 21S					1L
2500	005 04:37:17	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2501	005 04:44:29	31	40 SET			10.2 DEGREE SET DSC-40					1V
2502	005 05:35:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9644 (D/L ONLY)					1DP
2503	005 05:35:00	31				CFG CODES					1DP
2504	005 11:15:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9644					1DP
2505	005 12:00:00	31				VGR-31 OWLT IS 12H 39M 21S					1L
2506	005 12:09:46	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2507	005 13:30:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9645 (D/L ONLY)					1DP
2508	005 13:30:00	31				CFG CODES					1DP



FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2509	005 15:46:02	31	60 SET			14.5 DEGREE SET DSC-60					1V
2510	005 19:34:55	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2511	005 20:45:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9645					1DP
2512	005 22:43:58	31			AC7SSB	(4 +164) SS BIAS CONTROL --- YAW	AACS		43850:54:003F	04-005/10:04:36	1ECa
2513	005 23:34:43	31	10 SET			10.2 DEGREE SET DSC-10					1V
2514	006 00:00:00	31				VGR-31 OWLT IS 12H 39M 22S					1L
2515	006 04:33:23	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2516	006 04:40:35	31	40 SET			10.2 DEGREE SET DSC-40					1V
2517	006 07:20:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9645 (D/L ONLY)					1DP
2518	006 07:20:00	31				CFG CODES					1DP
2519	006 11:45:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9645					1DP
2520	006 12:00:00	31				VGR-31 OWLT IS 12H 39M 22S					1L
2521	006 12:05:53	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2522	006 13:10:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9646 (D/L ONLY)					1DP
2523	006 13:10:00	31				CFG CODES					1DP
2524	006 15:42:08	31	60 SET			14.5 DEGREE SET DSC-60					1V
2525	006 16:59:59	31				B- GYONAB.31			43873:44:001F	04-006/04:20:35	1TB
2526	006 16:59:59	31				BEGIN GYONAB31			43873:44:001F	04-006/04:20:35	1T
2527	006 16:59:59	31			AC7GYP	(000) DRIRU PATTERN CONTROL GYRO/AXIS=A/PITCH & YAW B/ROLL	AACS		43873:44:003F	04-006/04:20:36	1ECa
2528	006 16:59:59	31			CC7GCRP	GYRO C OFF	PWR		43873:44:004F	04-006/04:20:36	1ECp
2529	006 16:59:59	31			CC7GCRP	GYRO C OFF	PWR		43873:44:006F	04-006/04:20:36	1ECp
2530	006 16:59:59	31			CC7PC	(372) GYRO C OFF	AACS		43873:44:008F	04-006/04:20:36	1ECa

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2531	006 16:59:59	31			CC7GBP	GYRO B ON	PWR		43873:44:009F	04-006/04:20:36	1ECp
2532	006 16:59:59	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS	43873:44:009F	04-006/04:20:36	1ESa	
2533	006 17:00:00	31			CC7GBP	GYRO B ON	PWR		43873:44:011F	04-006/04:20:36	1ECp
2534	006 17:00:00	31			CC7PC	(363) GYRO B ON	AACS		43873:44:013F	04-006/04:20:36	1ECa
2535	006 17:00:00	31			CC7GAP	GYRO A ON	PWR		43873:44:014F	04-006/04:20:36	1ECp
2536	006 17:00:00	31				AACS STATUS MODE : CRU GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS	43873:44:014F	04-006/04:20:36	1ESa	
2537	006 17:00:00	31			CC7GAP	GYRO A ON	PWR		43873:44:016F	04-006/04:20:36	1ECp
2538	006 17:00:00	31			CC7PC	(353) GYRO A ON	AACS		43873:44:018F	04-006/04:20:36	1ECa
2539	006 17:00:28	31				DRIRU INITIALIZATION			43873:44:484F	04-006/04:21:04	1T
2540	006 17:00:29	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		43873:44:502F	04-006/04:21:06	1ECa
2541	006 17:00:58	31				SET CALIB			43873:45:184F	04-006/04:21:34	1T
2542	006 17:00:59	31			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		43873:45:204F	04-006/04:21:36	1ECa
2543	006 17:09:58	31				START GYRO FAULT TEST			43873:56:384F	04-006/04:30:34	1T
2544	006 17:09:59	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		43873:56:402F	04-006/04:30:36	1ECa
2545	006 17:10:00	31				END GYONAB31			43873:56:418F	04-006/04:30:36	1T
2546	006 19:31:02	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2547	006 22:35:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9646					1DP
2548	006 23:30:50	31	10 SET			10.2 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2549	007 00:00:00	31				VGR-31 OWLT IS 12H 39M 23S					1L
2550	007 00:28:35	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2551	007 00:28:35	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
2552	007 00:29:23	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2553	007 00:29:23	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
2554	007 00:31:59	31				BEGIN PWSREC.31			43883:09:001F	04-006/11:52:35	1T
2555	007 00:31:59	31			SC32AJ	(10) PLS CONFIG CMD	FDS		43883:09:010F	04-006/11:52:36	1ECf
2556	007 00:32:47	31				B- DRGS4B			43883:10:001F	04-006/11:53:23	1TB
2557	007 00:32:47	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		43883:10:009F	04-006/11:53:24	1ECf
2558	007 00:33:31	31				BEGIN RECORDING PWS DATA			43883:10:734F	04-006/11:54:07	1T
2559	007 00:33:31	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		43883:10:735F	04-006/11:54:08	1ECd
2560	007 00:33:31	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:3241	DTR		43883:10:735F	04-006/11:54:08	1ESd

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2561	007 00:33:35	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	43883:11:001F	04-006/11:54:11	1ESf
2562	007 00:33:35	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		43883:11:002F	04-006/11:54:11	1ECs
2563	007 00:33:36	31				B- DRCRUS			43883:11:018F	04-006/11:54:12	1TB
2564	007 00:33:36	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		43883:11:026F	04-006/11:54:13	1ECf
2565	007 00:34:23	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	43883:12:001F	04-006/11:54:59	1ESf
2566	007 00:34:23	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		43883:12:002F	04-006/11:54:59	1ECs
2567	007 00:34:23	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		43883:12:002F	04-006/11:55:00	1ECd
2568	007 00:34:23	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3533	DTR		43883:12:002F	04-006/11:55:00	1ESd
2569	007 00:35:11	31			SC32AJ	(13) PLS CONFIG CMD	FDS		43883:13:009F	04-006/11:55:48	1ECf
2570	007 00:35:12	31				END PWSREC.31			43883:13:018F	04-006/11:55:48	1T
2571	007 00:45:35	31				B- DTRMA-1.31			43883:26:001F	04-006/12:06:11	1TB

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2572	007 00:45:35	31				BEGIN DTRMA131			43883:26:001F	04-006/12:06:11	1T
2573	007 00:45:35	31			CC16C	(2217) DTR STATE SELECT: SLEW	DTR		43883:26:001F	04-006/12:06:11	1ECd
2574	007 00:45:35	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:7 TIC:3540	DTR		43883:26:001F	04-006/12:06:11	1ESd
2575	007 00:47:41	31			EOT	END OF TAPE			43883:28:495F	04-006/12:08:17	1Ed
2576	007 03:29:35	31			CC16C	(2228) DTR STATE SELECT: SLEW	DTR		43886:51:001F	04-006/14:50:11	1ECd
2577	007 03:29:35	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:8 TIC:3585	DTR		43886:51:001F	04-006/14:50:11	1ESd
2578	007 03:29:35	31			EOT	END OF TAPE			43886:51:010F	04-006/14:50:12	1Ed
2579	007 04:29:29	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2580	007 04:36:41	31	40 SET			10.2 DEGREE SET DSC-40					1V
2581	007 06:06:20	31			BOT	BEGIN OF TAPE			43890:06:749F	04-006/17:26:56	1Ed
2582	007 06:09:33	31				TAPE AT BOT			43890:10:768F	04-006/17:30:09	1T
2583	007 06:09:33	31				END DTRMA131			43890:10:768F	04-006/17:30:09	1T
2584	007 06:13:35	31				TAPPOS-3540			43890:16:001F	04-006/17:34:11	1T
2585	007 06:13:35	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		43890:16:001F	04-006/17:34:11	1ECd
2586	007 06:13:35	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0199	DTR		43890:16:001F	04-006/17:34:11	1ESd
2587	007 06:13:35	31			BOT	BEGIN OF TAPE			43890:16:010F	04-006/17:34:12	1Ed
2588	007 07:20:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9646 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2589	007 07:20:00	31				CFG CODES					1DP
2590	007 08:48:13	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		43893:29:239F	04-006/20:08:50	1ECd
2591	007 08:48:13	31				DTR STATUS MODE:RDY            RATE:000.0K DIR:F      TRK:1      TIC:3540	DTR	43893:29:239F	04-006/20:08:50	1ESd	
2592	007 09:01:35	31				REV/TRK 2		43893:46:001F	04-006/20:22:11	1T	
2593	007 09:01:35	31			CC16C	(7022) DTR STATE SELECT: READY	DTR	43893:46:001F	04-006/20:22:11	1ECd	
2594	007 09:01:35	31				DTR STATUS MODE:RDY            RATE:000.0K DIR:R      TRK:2      TIC:3540	DTR	43893:46:001F	04-006/20:22:11	1ESd	
2595	007 11:45:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9646					1DP
2596	007 12:00:00	31				VGR-31 OWLT IS 12H 39M 23S					1L
2597	007 12:01:59	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2598	007 13:20:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9647 (D/L ONLY)					1DP
2599	007 13:20:00	31				CFG CODES					1DP
2600	007 15:38:13	31	60 SET			14.5 DEGREE SET DSC-60					1V
2601	007 16:12:36	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2602	007 16:12:36	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
2603	007 16:12:48	31				BEGIN PMPCALLR		43902:45:001F	04-007/03:33:23		1T
2604	007 16:16:48	31				B- DRCR5T		43902:50:001F	04-007/03:37:23		1TB

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2605	007 16:16:48	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		43902:50:009F	04-007/03:37:24	1ECf
2606	007 16:17:36	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	43902:51:001F	04-007/03:38:11	1ESf
2607	007 16:17:36	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		43902:51:001F	04-007/03:38:11	1ECs
2608	007 16:24:00	31			SC06BY	(7) FDS PLS/MAG/PESCAL FLAG PLSCAL ENABLED MAGCAL ENABLED PESCAL ENABLED	FDS		43902:59:009F	04-007/03:44:36	1ECf
2609	007 16:24:48	31				BEGIN PLS/MAG/PESCAL			43903:00:001F	04-007/03:45:23	1T
2610	007 18:07:12	31				END PLSCAL			43905:08:001F	04-007/05:27:47	1T
2611	007 19:27:09	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2612	007 19:27:12	31				END MAGCAL			43906:48:001F	04-007/06:47:47	1T
2613	007 19:40:36	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2614	007 19:40:36	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
2615	007 19:44:48	31				END PESCAL			43907:10:001F	04-007/07:05:23	1T
2616	007 19:44:48	31				B- DRCRUS			43907:10:001F	04-007/07:05:23	1TB

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2617	007 19:44:48	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		43907:10:010F	04-007/07:05:24	1ECf
2618	007 19:45:36	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	43907:11:001F	04-007/07:06:11	1ESf
2619	007 19:45:36	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		43907:11:002F	04-007/07:06:11	1ECs
2620	007 19:45:37	31				END PMPCALLR			43907:11:018F	04-007/07:06:12	1T
2621	007 22:00:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9647					1DP
2622	007 23:26:57	31	10 SET			10.2 DEGREE SET DSC-10					1V
2623	008 00:00:00	31				VGR-31 OWLT IS 12H 39M 24S					1L
2624	008 04:25:35	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2625	008 04:32:47	31	40 SET			10.2 DEGREE SET DSC-40					1V
2626	008 07:15:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9647 (D/L ONLY)					1DP
2627	008 07:15:00	31				CFG CODES					1DP
2628	008 11:58:05	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2629	008 12:00:00	31				VGR-31 OWLT IS 12H 39M 24S					1L
2630	008 12:20:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9647					1DP
2631	008 13:40:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9648 (D/L ONLY)					1DP
2632	008 13:40:00	31				CFG CODES					1DP
2633	008 15:34:19	31	60 SET			14.5 DEGREE SET DSC-60					1V



FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2634	008 19:23:16	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2635	008 22:00:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9648					1DP
2636	008 23:23:04	31	10 SET			10.2 DEGREE SET DSC-10					1V
2637	009 00:00:00	31				VGR-31 OWLT IS 12H 39M 25S					1L
2638	009 02:50:25	31			AC7SSB	(3 +002) SS BIAS CONTROL - PITCH	AACS		43946:02:003F	04-008/14:11:00	1ECa
2639	009 04:21:41	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2640	009 04:28:53	31	40 SET			10.2 DEGREE SET DSC-40					1V
2641	009 05:20:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9648 (D/L ONLY)					1DP
2642	009 05:20:00	31				CFG CODES					1DP
2643	009 11:00:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9648					1DP
2644	009 11:54:11	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2645	009 12:00:00	31				VGR-31 OWLT IS 12H 39M 25S					1L
2646	009 14:15:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9649 (D/L ONLY)					1DP
2647	009 14:15:00	31				CFG CODES					1DP
2648	009 15:30:25	31	60 SET			14.5 DEGREE SET DSC-60					1V
2649	009 19:19:23	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2650	009 21:30:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9649					1DP
2651	009 23:19:11	31	10 SET			10.2 DEGREE SET DSC-10					1V
2652	010 00:00:00	31				VGR-31 OWLT IS 12H 39M 26S					1L
2653	010 03:31:14	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		43976:53:002F	04-009/14:51:48	1ECd

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2654	010 03:31:14	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3540	DTR		43976:53:002F	04-009/14:51:48	1ESd
2655	010 04:12:16	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		43977:44:229F	04-009/15:32:49	1ECd
2656	010 04:12:16	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2653	DTR		43977:44:229F	04-009/15:32:49	1ESd
2657	010 04:17:47	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2658	010 04:24:59	31	40 SET			10.2 DEGREE SET DSC-40					1V
2659	010 05:15:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9649 (U/L PASS)					1DP
2660	010 06:24:14	31	63	TRK DSS		ASCAL PREP =====					1TD
						ANTENNA DRIVE TO PRECISION ONE (70 METER STATION ONLY) PRIME DATA SOURCE=X BAND AGC =====					
						TURN CONSCAN -----> OFF (IF ON)					
2661	010 06:28:38	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2662	010 06:28:38	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
2663	010 06:29:26	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2664	010 06:29:26	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2665	010 06:31:14	31			CC16C	(7017) DTR STATE SELECT: READY	DTR		43980:38:002F	04-009/17:51:48	1ECd
2666	010 06:31:14	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2653	DTR		43980:38:002F	04-009/17:51:48	1ESd
2667	010 06:32:02	31			SC32AJ	(10) PLS CONFIG CMD	FDS		43980:39:009F	04-009/17:52:36	1ECf
2668	010 06:32:03	31				AHEL11 PWSREC 18			43980:39:018F	04-009/17:52:36	1T
2669	010 06:32:03	31				B- PWSREC.31			43980:39:018F	04-009/17:52:36	1TB
2670	010 06:32:03	31				BEGIN PWSREC.31			43980:39:018F	04-009/17:52:36	1T
2671	010 06:32:50	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		43980:40:009F	04-009/17:53:24	1ECf
2672	010 06:32:51	31				B- DRGS4B			43980:40:018F	04-009/17:53:24	1TB
2673	010 06:33:34	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		43980:40:735F	04-009/17:54:08	1ECd
2674	010 06:33:34	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:2653	DTR		43980:40:735F	04-009/17:54:08	1ESd
2675	010 06:33:35	31				BEGIN RECORDING PWS DATA			43980:40:751F	04-009/17:54:08	1T
2676	010 06:33:38	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	43980:41:001F	04-009/17:54:11	1ESf
2677	010 06:33:38	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		43980:41:002F	04-009/17:54:11	1ECs

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2678	010 06:33:39	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		43980:41:026F	04-009/17:54:13	1ECf
2679	010 06:33:40	31				B- DRCRUS			43980:41:034F	04-009/17:54:13	1TB
2680	010 06:34:26	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	43980:42:001F	04-009/17:54:59	1ESf
2681	010 06:34:26	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		43980:42:002F	04-009/17:54:59	1ECs
2682	010 06:34:26	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		43980:42:002F	04-009/17:55:00	1ECd
2683	010 06:34:26	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2946	DTR		43980:42:002F	04-009/17:55:00	1ESd
2684	010 06:35:02	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2685	010 06:35:02	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=30 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2686	010 06:35:14	31			SC32AJ	(13) PLS CONFIG CMD	FDS		43980:43:009F	04-009/17:55:48	1ECf
2687	010 06:35:16	31				END PWSREC.31			43980:43:034F	04-009/17:55:49	1T
2688	010 06:39:14	31				B- ASCAL			43980:48:001F	04-009/17:59:47	1TB
2689	010 06:39:14	31				B- DREL40			43980:48:001F	04-009/17:59:47	1TB

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2690	010 06:39:14	31			SC06BB	(32 0 07 0) FDS MODE TO: EL-40 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		43980:48:009F	04-009/17:59:48	1ECf
2691	010 06:39:14	31	63	OPCH 63		START ASCAL =====					1TD
						DSS-63: MONITOR X-BD AGC VARIATIONS DURING ASCAL IF X-BD RCVR DROPS LOCK INITIATE AUTO ACQUIRE					
2692	010 06:40:02	31		ACE OPCH			FDS	CE-40	43980:49:001F	04-009/18:00:35	1ESf
						FDS STATUS EL-40/X40/S40 MEM:PA/FDS11					
2693	010 06:40:02	31			CC3A	(30310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=30 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		43980:49:002F	04-009/18:00:35	1ECs
2694	010 06:55:14	31				.05 ALL AXES DEADBAND			43981:08:001F	04-009/18:15:47	1T
2695	010 06:55:14	31			AC7DDB	(000480) CHG TO .05 DEG DEADBAND	AACS		43981:08:003F	04-009/18:15:48	1ECa
2696	010 07:11:14	31			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		43981:28:002F	04-009/18:31:48	1ECa
2697	010 07:11:14	31				AACS STATUS MODE : AAI GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		43981:28:002F	04-009/18:31:48	1ESa
2698	010 07:11:14	31			CC7GCRP	GYRO C OFF	PWR		43981:28:003F	04-009/18:31:48	1ECp
2699	010 07:11:14	31			CC7GCRP	GYRO C OFF	PWR		43981:28:005F	04-009/18:31:48	1ECp
2700	010 07:11:14	31			CC7PC	(372) GYRO C OFF	AACS		43981:28:007F	04-009/18:31:48	1ECa
2701	010 07:11:14	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		43981:28:007F	04-009/18:31:48	1ECp

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2702	010 07:11:14	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		43981:28:010F	04-009/18:31:48	1ECp
2703	010 07:11:15	31			CC7PC	(312) DUMMY PWR CMD	AACS		43981:28:012F	04-009/18:31:48	1ECa
2704	010 07:12:01	31	63	OPCH 63		ASCAL ===== START YAW DRIFT TURNS					1TD
2705	010 07:12:02	31				START FIRST YAW DRIFT TURN			43981:29:001F	04-009/18:32:35	1T
2706	010 07:12:02	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		43981:29:004F	04-009/18:32:36	1ECa
2707	010 07:16:02	31			AC7PAR	(7015 764220) PARAMETER LOAD	AACS		43981:34:003F	04-009/18:36:36	1ECa
2708	010 07:24:02	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		43981:44:003F	04-009/18:44:36	1ECa
2709	010 07:28:02	31			AC7PAR	(7015 000000) PARAMETER LOAD	AACS		43981:49:004F	04-009/18:48:36	1ECa
2710	010 07:28:02	31	63	OPCH 63		ASCAL ===== END YAW DRIFT TURNS					1TD
2711	010 07:28:03	31				END THIRD YAW DRIFT TURN			43981:49:018F	04-009/18:48:36	1T
2712	010 07:28:49	31	63	OPCH 63		ASCAL ===== START PITCH DRIFT TURNS					1TD
2713	010 07:28:50	31				START FIRST PITCH DRIFT TURN			43981:50:001F	04-009/18:49:23	1T
2714	010 07:28:50	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		43981:50:003F	04-009/18:49:24	1ECa
2715	010 07:32:50	31			AC7PAR	(7014 764220) PARAMETER LOAD	AACS		43981:55:004F	04-009/18:53:24	1ECa
2716	010 07:40:50	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		43982:05:004F	04-009/19:01:24	1ECa
2717	010 07:44:50	31			AC7PAR	(7014 000000) PARAMETER LOAD	AACS		43982:10:003F	04-009/19:05:24	1ECa

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2718	010 07:44:50	31	63	OPCH 63		ASCAL =====					1TD
						END PITCH DRIFT TURNS					
2719	010 07:44:51	31				END THIRD PITCH DRIFT TURN			43982:10:018F	04-009/19:05:24	1T
2720	010 07:46:26	31			CC7SS	(1) SS SEARCH ENABLE	AACS		43982:12:001F	04-009/19:06:59	1ECa
2721	010 07:46:26	31					AACS		43982:12:001F	04-009/19:06:59	1ESa
						AACS STATUS MODE : RAI GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF					
2722	010 07:46:26	31			CC7PC	(327) IDET ACQUIRED	AACS		43982:12:002F	04-009/19:07:00	1ECa
2723	010 07:46:26	31			CC7GCRP	GYRO C OFF	PWR		43982:12:003F	04-009/19:07:00	1ECp
2724	010 07:46:26	31			CC7GCRP	GYRO C OFF	PWR		43982:12:005F	04-009/19:07:00	1ECp
2725	010 07:46:26	31			CC7PC	(372) GYRO C OFF	AACS		43982:12:007F	04-009/19:07:00	1ECa
2726	010 07:46:26	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		43982:12:008F	04-009/19:07:00	1ECp
2727	010 07:46:26	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		43982:12:010F	04-009/19:07:00	1ECp
2728	010 07:46:27	31			CC7PC	(312) DUMMY PWR CMD	AACS		43982:12:012F	04-009/19:07:00	1ECa
2729	010 07:47:02	31				B- MISCMD			43982:12:601F	04-009/19:07:35	1TB
2730	010 07:47:02	31				MISCMD - RESET CALIB			43982:12:601F	04-009/19:07:35	1T
2731	010 07:47:02	31			AC7PAR	(7530 000000) PARAMETER LOAD	AACS		43982:12:604F	04-009/19:07:36	1ECa
2732	010 07:47:02	31		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2733	010 07:47:02	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
2734	010 07:48:02	31			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		43982:14:002F	04-009/19:08:35	1ECa

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2735	010 07:49:07	31				AACS STATUS MODE : CRU GYRO A: ON HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		43982:15:285F	04-009/19:09:40	1ESa
2736	010 07:49:07	31			CC7PC	(307) STAR ACQUIRED	AACS		43982:15:286F	04-009/19:09:41	1ECa
2737	010 07:49:07	31			CC7GCRP	GYRO C OFF	PWR		43982:15:286F	04-009/19:09:41	1ECp
2738	010 07:49:07	31			CC7GCRP	GYRO C OFF	PWR		43982:15:288F	04-009/19:09:41	1ECp
2739	010 07:49:07	31			CC7PC	(372) GYRO C OFF	AACS		43982:15:290F	04-009/19:09:41	1ECa
2740	010 07:49:07	31			CC7GBRP	GYRO B OFF	PWR		43982:15:291F	04-009/19:09:41	1ECp
2741	010 07:49:07	31				AACS STATUS MODE : CRU GYRO A: ON HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS		43982:15:291F	04-009/19:09:41	1ESa
2742	010 07:49:07	31			CC7GBRP	GYRO B OFF	PWR		43982:15:293F	04-009/19:09:41	1ECp
2743	010 07:49:08	31			CC7PC	(362) GYRO B OFF	AACS		43982:15:295F	04-009/19:09:41	1ECa
2744	010 07:49:08	31			CC7GARP	GYRO A OFF	PWR		43982:15:296F	04-009/19:09:41	1ECp
2745	010 07:49:08	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS		43982:15:296F	04-009/19:09:41	1ESa
2746	010 07:49:08	31			CC7GARP	GYRO A OFF	PWR		43982:15:298F	04-009/19:09:41	1ECp
2747	010 07:49:08	31			CC7PC	(352) GYRO A OFF	AACS		43982:15:300F	04-009/19:09:41	1ECa
2748	010 07:49:08	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		43982:15:301F	04-009/19:09:41	1ECp
2749	010 07:49:08	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		43982:15:303F	04-009/19:09:42	1ECp
2750	010 07:49:08	31			CC7PC	(312) DUMMY PWR CMD	AACS		43982:15:305F	04-009/19:09:42	1ECa



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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2751	010 07:51:14	31				B- DRCRUS			43982:18:001F	04-009/19:11:47	1TB
2752	010 07:51:14	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		43982:18:009F	04-009/19:11:48	1ECf
2753	010 07:52:02	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	43982:19:001F	04-009/19:12:35	1ESf
2754	010 07:52:02	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		43982:19:002F	04-009/19:12:35	1ECs
2755	010 07:57:38	31				B- YAWDB			43982:26:001F	04-009/19:18:11	1TB
2756	010 07:57:38	31				YAWDB - .10			43982:26:001F	04-009/19:18:11	1T
2757	010 07:57:38	31				B- ROLLDB			43982:26:001F	04-009/19:18:11	1TB
2758	010 07:57:38	31				ROLLDB - .25			43982:26:001F	04-009/19:18:11	1T
2759	010 07:57:38	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		43982:26:004F	04-009/19:18:12	1ECa
2760	010 07:57:38	31			AC7PAR	(6742 004540) +ROLL DB=.25 DEG	AACS		43982:26:006F	04-009/19:18:12	1ECa
2761	010 07:57:39	31	63	OPCH	63	END ASCAL					1TD
2762	010 08:40:50	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		43983:20:002F	04-009/20:01:24	1ECd
2763	010 08:40:50	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:2952	DTR		43983:20:002F	04-009/20:01:24	1ESd
2764	010 09:08:01	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		43983:53:780F	04-009/20:28:34	1ECd

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2765	010 09:08:01	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3540	DTR		43983:53:780F	04-009/20:28:34	1ESd
2766	010 10:30:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9649					1DP
2767	010 11:40:50	31			CC16C	(7022) DTR STATE SELECT: READY	DTR		43987:05:002F	04-009/23:01:24	1ECd
2768	010 11:40:50	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:2 TIC:3540	DTR		43987:05:002F	04-009/23:01:24	1ESd
2769	010 11:50:17	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2770	010 12:00:00	31				VGR-31 OWLT IS 12H 39M 26S					1L
2771	010 13:10:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9650 (D/L ONLY)					1DP
2772	010 13:10:00	31				CFG CODES					1DP
2773	010 15:26:30	31	60 SET			14.5 DEGREE SET DSC-60					1V
2774	010 19:15:30	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2775	010 22:00:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9650					1DP
2776	010 23:15:18	31	10 SET			10.2 DEGREE SET DSC-10					1V
2777	011 00:00:00	31				VGR-31 OWLT IS 12H 39M 26S					1L
2778	011 04:13:53	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2779	011 04:21:05	31	40 SET			10.2 DEGREE SET DSC-40					1V
2780	011 05:15:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9650 (D/L ONLY)					1DP
2781	011 05:15:00	31				CFG CODES					1DP
2782	011 10:40:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9650					1DP

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2783	011 11:46:23	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2784	011 12:00:00	31				VGR-31 OWLT IS 12H 39M 27S					1L
2785	011 13:25:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9651 (D/L ONLY)					1DP
2786	011 13:25:00	31				CFG CODES					1DP
2787	011 15:22:36	31	60 SET			14.5 DEGREE SET DSC-60					1V
2788	011 19:11:37	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2789	011 21:30:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9651					1DP
2790	011 23:11:25	31	10 SET			10.2 DEGREE SET DSC-10					1V
2791	012 00:00:00	31				VGR-31 OWLT IS 12H 39M 27S					1L
2792	012 04:09:59	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2793	012 04:17:11	31	40 SET			10.2 DEGREE SET DSC-40					1V
2794	012 05:10:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9651 (D/L ONLY)					1DP
2795	012 05:10:00	31				CFG CODES					1DP
2796	012 10:55:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9651					1DP
2797	012 11:42:29	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2798	012 12:00:00	31				VGR-31 OWLT IS 12H 39M 27S					1L
2799	012 12:10:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-9652 (D/L ONLY)					1DP
2800	012 12:10:00	31				CFG CODES					1DP
2801	012 12:24:27	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2802	012 12:29:27	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:2 TIC:3540	DTR		44048:05:602F	04-011/23:50:00	1ESd
2803	012 12:29:27	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	44048:05:602F	04-011/23:50:00	1ESf
2804	012 12:39:28	31				A050 UPLINK WINDOW OPEN			44048:18:218F	04-012/00:00:00	1T
2805	012 15:18:41	31	60	SET		14.5 DEGREE SET DSC-60					1V
2806	012 19:07:44	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
2807	012 22:00:00	31	15	LOS	OPCH ACE	LOS DSS-15 PASS-9652					1DP
2808	012 23:07:32	31	10	SET		10.2 DEGREE SET DSC-10					1V
2809	013 00:00:00	31				VGR-31 OWLT IS 12H 39M 27S					1L
2810	013 04:06:05	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
2811	013 04:13:17	31	40	SET		10.2 DEGREE SET DSC-40					1V
2812	013 06:55:00	31	55	AOS	OPCH ACE	AOS DSS-55 PASS-9652 (D/L ONLY)					1DP
2813	013 06:55:00	31				CFG CODES					1DP
2814	013 11:15:00	31	55	LOS	OPCH ACE	LOS DSS-55 PASS-9652					1DP
2815	013 11:38:35	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
2816	013 12:00:00	31				VGR-31 OWLT IS 12H 39M 27S					1L
2817	013 12:30:00	31	15	AOS	OPCH ACE	AOS DSS-15 PASS-9653 (D/L ONLY)					1DP
2818	013 12:30:00	31				CFG CODES					1DP
2819	013 15:14:47	31	60	SET		14.5 DEGREE SET DSC-60					1V

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2820	013 16:36:52	31			AC7SSB	(3 +001) SS BIAS CONTROL - PITCH	AACS		44083:15:003F	04-013/03:57:24	1ECa
2821	013 19:03:51	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2822	013 21:25:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-9653					1DP
2823	013 23:03:39	31	10 SET			10.2 DEGREE SET DSC-10					1V
2824	014 00:00:00	31				VGR-31 OWLT IS 12H 39M 28S					1L
2825	014 00:04:40	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2826	014 00:04:40	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2827	014 00:05:28	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2828	014 00:05:28	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2829	014 00:08:04	31				BEGIN PWSREC.31			44092:39:001F	04-013/11:28:35	1T
2830	014 00:08:04	31			SC32AJ	(10) PLS CONFIG CMD	FDS		44092:39:009F	04-013/11:28:36	1ECf
2831	014 00:08:52	31				B- DRGS4B			44092:40:001F	04-013/11:29:23	1TB
2832	014 00:08:52	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		44092:40:009F	04-013/11:29:24	1ECf
2833	014 00:09:36	31				BEGIN RECORDING PWS DATA			44092:40:734F	04-013/11:30:07	1T
2834	014 00:09:36	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		44092:40:735F	04-013/11:30:08	1ECd

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2835	014 00:09:36	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:2 TIC:3540	DTR		44092:40:735F	04-013/11:30:08	1ESd
2836	014 00:09:40	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	44092:41:001F	04-013/11:30:11	1ESf
2837	014 00:09:40	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		44092:41:002F	04-013/11:30:11	1ECs
2838	014 00:09:41	31				B- DRCRUS			44092:41:018F	04-013/11:30:12	1TB
2839	014 00:09:41	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		44092:41:026F	04-013/11:30:13	1ECf
2840	014 00:10:28	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	44092:42:001F	04-013/11:30:59	1ESf
2841	014 00:10:28	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		44092:42:002F	04-013/11:30:59	1ECs
2842	014 00:10:28	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		44092:42:002F	04-013/11:31:00	1ECd
2843	014 00:10:28	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:2 TIC:3247	DTR		44092:42:002F	04-013/11:31:00	1ESd

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2844	014 00:11:16	31			SC32AJ	(13) PLS CONFIG CMD	FDS		44092:43:009F	04-013/11:31:48	1ECf
2845	014 00:11:17	31				END PWSREC.31			44092:43:018F	04-013/11:31:48	1T
2846	014 04:02:11	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2847	014 04:09:23	31	40 SET			10.2 DEGREE SET DSC-40					1V
2848	014 05:00:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9653 (D/L ONLY)					1DP
2849	014 05:00:00	31				CFG CODES					1DP
2850	014 06:32:04	31			AC7SSB	(4 +165) SS BIAS CONTROL --- YAW	AACS		44100:39:003F	04-013/17:52:36	1ECa
2851	014 10:55:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9653					1DP
2852	014 11:34:41	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2853	014 12:00:00	31				VGR-31 OWLT IS 12H 39M 28S					1L
2854	014 12:50:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9654 (D/L ONLY)					1DP
2855	014 12:50:00	31				CFG CODES					1DP
2856	014 15:10:53	31	60 SET			14.5 DEGREE SET DSC-60					1V
2857	014 18:59:58	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2858	014 20:25:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9654					1DP
2859	014 22:59:46	31	10 SET			10.2 DEGREE SET DSC-10					1V
2860	015 00:00:00	31				VGR-31 OWLT IS 12H 39M 28S					1L
2861	015 03:58:17	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2862	015 04:05:29	31	40 SET			10.2 DEGREE SET DSC-40					1V
2863	015 06:45:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9654 (D/L ONLY)					1DP
2864	015 06:45:00	31				CFG CODES					1DP
2865	015 11:15:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9654					1DP

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2866	015 11:30:47	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2867	015 12:00:00	31				VGR-31 OWLT IS 12H 39M 28S					1L
2868	015 12:45:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9655 (D/L ONLY)					1DP
2869	015 12:45:00	31				CFG CODES					1DP
2870	015 15:06:58	31	60 SET			14.5 DEGREE SET DSC-60					1V
2871	015 18:45:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9655					1DP
2872	015 18:56:05	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2873	015 22:55:53	31	10 SET			10.2 DEGREE SET DSC-10					1V
2874	016 00:00:00	31				VGR-31 OWLT IS 12H 39M 28S					1L
2875	016 03:45:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-9655 (U/L PASS)					1DP
2876	016 03:54:23	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2877	016 04:01:34	31	40 SET			10.2 DEGREE SET DSC-40					1V
2878	016 09:30:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-9655					1DP
2879	016 11:26:53	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2880	016 12:00:00	31				VGR-31 OWLT IS 12H 39M 28S					1L
2881	016 12:40:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-9656 (D/L ONLY)					1DP
2882	016 12:40:00	31				CFG CODES					1DP
2883	016 15:03:04	31	60 SET			14.5 DEGREE SET DSC-60					1V
2884	016 18:52:12	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2885	016 21:25:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-9656					1DP
2886	016 22:52:00	31	10 SET			10.2 DEGREE SET DSC-10					1V
2887	017 00:00:00	31				VGR-31 OWLT IS 12H 39M 28S					1L



FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2888	017 03:07:16	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		44186:23:002F	04-016/14:27:48	1ECd
2889	017 03:07:16	31				DTR STATUS MODE:SLEW           RATE:007.2K DIR:R   TRK:1       TIC:3241	DTR	44186:23:002F	04-016/14:27:48	1ESd	
2890	017 03:20:36	31			CC16C	(7000) DTR STATE SELECT: READY	DTR	44186:39:538F	04-016/14:41:08	1ECd	
2891	017 03:20:36	31				DTR STATUS MODE:RDY           RATE:000.0K DIR:R   TRK:1       TIC:2952	DTR	44186:39:538F	04-016/14:41:08	1ESd	
2892	017 03:50:28	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2893	017 03:57:40	31	40 SET			10.2 DEGREE SET DSC-40					1V
2894	017 06:04:40	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2895	017 06:04:40	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2896	017 06:05:28	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2897	017 06:05:28	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2898	017 06:07:16	31			CC16C	(7017) DTR STATE SELECT: READY	DTR	44190:08:002F	04-016/17:27:48	1ECd	
2899	017 06:07:16	31				DTR STATUS MODE:RDY           RATE:000.0K DIR:F   TRK:7       TIC:2952	DTR	44190:08:002F	04-016/17:27:48	1ESd	
2900	017 06:08:04	31			SC32AJ	(10) PLS CONFIG CMD	FDS	44190:09:009F	04-016/17:28:36	1ECf	

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2901	017 06:08:05	31				AHEL11 PWSREC 19			44190:09:018F	04-016/17:28:36	1T
2902	017 06:08:05	31				B- PWSREC.31			44190:09:018F	04-016/17:28:36	1TB
2903	017 06:08:05	31				BEGIN PWSREC.31			44190:09:018F	04-016/17:28:36	1T
2904	017 06:08:52	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		44190:10:009F	04-016/17:29:24	1ECf
2905	017 06:08:53	31				B- DRGS4B			44190:10:018F	04-016/17:29:24	1TB
2906	017 06:09:36	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		44190:10:735F	04-016/17:30:08	1ECd
2907	017 06:09:36	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:2952	DTR		44190:10:735F	04-016/17:30:08	1ESd
2908	017 06:09:37	31				BEGIN RECORDING PWS DATA			44190:10:751F	04-016/17:30:08	1T
2909	017 06:09:40	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	44190:11:001F	04-016/17:30:11	1ESf
2910	017 06:09:40	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		44190:11:002F	04-016/17:30:11	1ECs
2911	017 06:09:41	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		44190:11:026F	04-016/17:30:13	1ECf
2912	017 06:09:42	31				B- DRCRUS			44190:11:034F	04-016/17:30:13	1TB

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2913	017 06:10:28	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	44190:12:001F	04-016/17:30:59	1ESf
2914	017 06:10:28	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		44190:12:002F	04-016/17:30:59	1ECs
2915	017 06:10:28	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		44190:12:002F	04-016/17:31:00	1ECd
2916	017 06:10:28	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:3245	DTR		44190:12:002F	04-016/17:31:00	1ESd
2917	017 06:11:16	31			SC32AJ	(13) PLS CONFIG CMD END PWSREC.31	FDS		44190:13:009F	04-016/17:31:48	1ECf
2918	017 06:11:18	31							44190:13:034F	04-016/17:31:49	1T
2919	017 06:35:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-9656 (D/L ONLY)					1DP
2920	017 06:35:00	31				CFG CODES					1DP
2921	017 08:16:52	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		44192:50:002F	04-016/19:37:24	1ECd
2922	017 08:16:52	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3251	DTR		44192:50:002F	04-016/19:37:24	1ESd
2923	017 08:17:19	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		44192:50:460F	04-016/19:37:51	1ECd
2924	017 08:17:19	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:3241	DTR		44192:50:460F	04-016/19:37:51	1ESd
2925	017 11:15:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-9656					1DP

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2926	017 11:16:52	31			CC16C	(7022) DTR STATE SELECT: READY	DTR		44196:35:002F	04-016/22:37:24	1ECd
2927	017 11:16:52	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:2 TIC:3241	DTR	44196:35:002F	04-016/22:37:24	1ESd	
2928	017 11:22:59	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2929	017 12:00:00	31				VGR-31 OWLT IS 12H 39M 28S					1L
2930	017 12:35:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9657 (D/L ONLY)					1DP
2931	017 12:35:00	31				CFG CODES					1DP
2932	017 14:59:10	31	60 SET			14.5 DEGREE SET DSC-60					1V
2933	017 18:48:19	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2934	017 21:25:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-9657					1DP
2935	017 22:48:07	31	10 SET			10.2 DEGREE SET DSC-10					1V
2936	018 00:00:00	31				VGR-31 OWLT IS 12H 39M 28S					1L
2937	018 03:46:34	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2938	018 03:53:46	31	40 SET			10.2 DEGREE SET DSC-40					1V
2939	018 04:50:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-9657 (D/L ONLY)					1DP
2940	018 04:50:00	31				CFG CODES					1DP
2941	018 06:23:16	31			AC7SSB	(3 +000) SS BIAS CONTROL - PITCH	AACS		44220:28:003F	04-017/17:43:48	1ECa
2942	018 11:15:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-9657					1DP
2943	018 11:19:05	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2944	018 12:00:00	31				VGR-31 OWLT IS 12H 39M 28S					1L
2945	018 13:10:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-9658 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2946	018 13:10:00	31				CFG CODES					1DP
2947	018 14:55:15	31	60	SET		14.5 DEGREE SET DSC-60					1V
2948	018 18:44:26	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
2949	018 21:25:00	31	25	LOS	OPCH ACE	LOS DSS-25 PASS-9658					1DP
2950	018 22:44:14	31	10	SET		10.2 DEGREE SET DSC-10					1V
2951	019 00:00:00	31				VGR-31 OWLT IS 12H 39M 28S					1L
2952	019 03:42:40	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
2953	019 03:49:51	31	40	SET		10.2 DEGREE SET DSC-40					1V
2954	019 06:30:00	31	55	AOS	OPCH ACE	AOS DSS-55 PASS-9658 (D/L ONLY)					1DP
2955	019 06:30:00	31				CFG CODES					1DP
2956	019 11:15:10	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
2957	019 12:00:00	31	55	LOS	OPCH ACE	LOS DSS-55 PASS-9658					1DP
2958	019 12:00:00	31				VGR-31 OWLT IS 12H 39M 28S					1L
2959	019 12:45:00	31	25	AOS	OPCH ACE	AOS DSS-25 PASS-9659 (D/L ONLY)					1DP
2960	019 12:45:00	31				CFG CODES					1DP
2961	019 14:51:21	31	60	SET		14.5 DEGREE SET DSC-60					1V
2962	019 18:40:33	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
2963	019 21:20:00	31	25	LOS	OPCH ACE	LOS DSS-25 PASS-9659					1DP
2964	019 21:48:51	31				FINAL SPACECRAFT STATUS			44269:44:785F	04-019/09:09:23	1TI
2965	019 21:48:51	31				RADIO STATUS			44269:44:785F	04-019/09:09:23	1TI
2966	019 21:48:51	31			DC2AR	S-BAND RANGING OFF			44269:44:785F	04-019/09:09:23	1TI
2967	019 21:48:51	31			DC2DR	S-BAND LO PWR			44269:44:785F	04-019/09:09:23	1TI

FINAL SEQUENCE FOR JST A049 (TOL/A049F - EVTSDR/A049BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2968	019 21:48:51	31			DC2HR	X-BAND LO PWR			44269:44:785F	04-019/09:09:23	1TI
2969	019 21:48:51	31			DC2N	X-BAND RANGING ON			44269:44:785F	04-019/09:09:23	1TI
2970	019 21:48:51	31			DC2P	2 WAY NON-COHERENT ON			44269:44:785F	04-019/09:09:23	1TI
2971	019 21:48:51	31			DC2QR	USO OFF			44269:44:785F	04-019/09:09:23	1TI
2972	019 21:48:51	31			CC2BRP	S-BAND EXC-2 SEL			44269:44:785F	04-019/09:09:23	1TI
2973	019 21:48:51	31			CC2CRP	S-BAND TRANS-2 SEL			44269:44:785F	04-019/09:09:23	1TI
2974	019 21:48:51	31			CC2FP	RCVR-1 SEL			44269:44:785F	04-019/09:09:23	1TI
2975	019 21:48:51	31			CC2JP	X-BAND EXC-1 SEL			44269:44:785F	04-019/09:09:23	1TI
2976	019 21:48:51	31			CC2GP	X-BAND ON			44269:44:785F	04-019/09:09:23	1TI
2977	019 21:48:51	31			CC2KRP	S-BAND OFF			44269:44:785F	04-019/09:09:23	1TI
2978	019 21:48:51	31			CC2LP	X-BAND TWTA-1 SEL			44269:44:785F	04-019/09:09:23	1TI
2979	019 21:48:51	31			CC2MP	S-BAND EXC ON			44269:44:785F	04-019/09:09:23	1TI
2980	019 21:48:51	31			DC2E	HGA SELECT			44269:44:785F	04-019/09:09:23	1TI
2981	019 21:48:51	31			CC1T	BAY 1 HTR ON			44269:44:785F	04-019/09:09:23	1TI
2982	019 21:48:51	31				MDS STATUS			44269:44:785F	04-019/09:09:23	1TI
2983	019 21:48:51	31			CC3BP	TMU ON			44269:44:785F	04-019/09:09:23	1TI
2984	019 21:48:51	31			CC3GP	TMU-A SEL			44269:44:785F	04-019/09:09:23	1TI
2985	019 21:48:51	31			CC3HP	CDU-A SEL			44269:44:785F	04-019/09:09:23	1TI
2986	019 21:48:51	31			CC3A	32310 X-BAND			44269:44:785F	04-019/09:09:23	1TI
2987	019 21:48:51	31			CC3A	28301 S-BAND			44269:44:785F	04-019/09:09:23	1TI
2988	019 21:48:51	31				POWER STATUS			44269:44:785F	04-019/09:09:23	1TI
2989	019 21:48:51	31			CC4A	UNDERVOLTAGE TRIP RESET			44269:44:785F	04-019/09:09:23	1TI
2990	019 21:48:51	31			CC4K	RTG-1 DIODE BYPASS ON			44269:44:785F	04-019/09:09:23	1TI

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2991	019 21:48:51	31			CC4L	RTG-2 DIODE BYPASS ON			44269:44:785F	04-019/09:09:23	1TI
2992	019 21:48:51	31			CC4M	RTG-3 DIODE BYPASS ON			44269:44:785F	04-019/09:09:23	1TI
2993	019 21:48:51	31				CCS STATUS			44269:44:785F	04-019/09:09:23	1TI
2994	019 21:48:51	31			DC5AR	CCS TOL DET ENABLE			44269:44:785F	04-019/09:09:23	1TI
2995	019 21:48:51	31				FDS STATUS			44269:44:785F	04-019/09:09:23	1TI
2996	019 21:48:51	31			CC6CP	FDS ON/ISS PWR ENABLE			44269:44:785F	04-019/09:09:23	1TI
2997	019 21:48:51	31			CC6AA	1 SVC-W1			44269:44:785F	04-019/09:09:23	1TI
2998	019 21:48:51	31			CC6AD	3200 SVC-W4			44269:44:785F	04-019/09:09:23	1TI
2999	019 21:48:51	31			CC6AE	30011 SVC-W5			44269:44:785F	04-019/09:09:23	1TI
3000	019 21:48:51	31			CC6AP	FDS PWR CONV A SEL			44269:44:785F	04-019/09:09:23	1TI
3001	019 21:48:51	31			CC6AB	01000 SVC-W2			44269:44:785F	04-019/09:09:23	1TI
3002	019 21:48:51	31			SC06BB	530070 FDS DATA MODE			44269:44:785F	04-019/09:09:23	1TI
3003	019 21:48:51	31				AACS STATUS			44269:44:785F	04-019/09:09:23	1TI
3004	019 21:48:51	31			AC7PCG	14 HYBIC 2 PWR ON			44269:44:785F	04-019/09:09:23	1TI
3005	019 21:48:51	31			CC7ML	05 CST ON			44269:44:785F	04-019/09:09:23	1TI
3006	019 21:48:51	31			AC7CTG	10 394 CST HI GATE			44269:44:785F	04-019/09:09:23	1TI
3007	019 21:48:51	31			AC7CTG	11 442 CST LO GATE			44269:44:785F	04-019/09:09:23	1TI
3008	019 21:48:51	31			AC7GYP	000 GYRO PATTERN			44269:44:785F	04-019/09:09:23	1TI
3009	019 21:48:51	31			AC7PCG	52 GYRO A OFF			44269:44:785F	04-019/09:09:23	1TI
3010	019 21:48:51	31			AC7PCG	62 GYRO B OFF			44269:44:785F	04-019/09:09:23	1TI
3011	019 21:48:51	31			AC7PCG	72 GYRO C OFF			44269:44:785F	04-019/09:09:23	1TI
3012	019 21:48:51	31			AC7PAR	7530 000000 GYRO OFF NORM			44269:44:785F	04-019/09:09:23	1TI
3013	019 21:48:51	31			AC7PAR	6740 000740 PITCH DEADBAND			44269:44:785F	04-019/09:09:23	1TI

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3014	019 21:48:51	31			AC7PAR	6741 001700 YAW DEADBAND			44269:44:785F	04-019/09:09:23	1TI
3015	019 21:48:51	31			AC7PAR	6742 004540 ROLL DEADBAND			44269:44:785F	04-019/09:09:23	1TI
3016	019 21:48:51	31			DEADBAND	DEAD BAND STATE: 05 10 25			44269:44:785F	04-019/09:09:23	1TI
3017	019 21:48:51	31			CC7SS	1 AACS TO RAI			44269:44:785F	04-019/09:09:23	1TI
3018	019 21:48:51	31			CC7CT	01 CST CONE ANGLE 1			44269:44:785F	04-019/09:09:23	1TI
3019	019 21:48:51	31			AC7DDB	000480 DEAD BAND CONTROL			44269:44:785F	04-019/09:09:23	1TI
3020	019 21:48:51	31			CC7AHRP	SS HTR A OFF			44269:44:785F	04-019/09:09:23	1TI
3021	019 21:48:51	31			CC7BHP	SS HTR B ON			44269:44:785F	04-019/09:09:23	1TI
3022	019 21:48:51	31			CC7ML	01 FDS CHAN A			44269:44:785F	04-019/09:09:23	1TI
3023	019 21:48:51	31			CC7ML	09 TCAPU FAULT ENA			44269:44:785F	04-019/09:09:23	1TI
3024	019 21:48:51	31			AC7PCG	61 AACS BAY 6 HTR A OFF			44269:44:785F	04-019/09:09:23	1TI
3025	019 21:48:51	31			AC7PCG	71 AACS BAY 6 HTR B OFF			44269:44:785F	04-019/09:09:23	1TI
3026	019 21:48:51	31			CC7MMRP	PROC/MEM 2 SELECT			44269:44:785F	04-019/09:09:23	1TI
3027	019 21:48:51	31			CC7SHRP	AZ SCAN ACTUATOR HTR OFF			44269:44:785F	04-019/09:09:23	1TI
3028	019 21:48:51	31			AC7PCG	22 CST SUN SHUTTER OFF			44269:44:785F	04-019/09:09:23	1TI
3029	019 21:48:51	31			AC7PCG	10 ISO VALVE BRANCH 1 OFF			44269:44:785F	04-019/09:09:23	1TI
3030	019 21:48:51	31			AC7PCG	20 ISO VALVE BRANCH 2 OFF			44269:44:785F	04-019/09:09:23	1TI
3031	019 21:48:51	31			CC1PHP	SCAN PLAT SUPL HTR ON			44269:44:785F	04-019/09:09:23	1TI
3032	019 21:48:51	31			CC77MRP	MAM OFF			44269:44:785F	04-019/09:09:23	1TI
3033	019 21:48:51	31			DC77PR	NON-PRIME FCP/MEM OFF			44269:44:785F	04-019/09:09:23	1TI
3034	019 21:48:51	31			DC77XR	MAM COMMAND DISABLE			44269:44:785F	04-019/09:09:23	1TI
3035	019 21:48:51	31				PYRO STATUS			44269:44:785F	04-019/09:09:23	1TI
3036	019 21:48:51	31			CC8D	PSU INSTRUMENTATION ON			44269:44:785F	04-019/09:09:23	1TI



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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3037	019 21:48:51	31			DC8XR	PYRO DISABLE			44269:44:785F	04-019/09:09:23	1TI
3038	019 21:48:51	31				PROPULSION STATUS			44269:44:785F	04-019/09:09:23	1TI
3039	019 21:48:51	31			CC10CRP	TCM HTR OFF			44269:44:785F	04-019/09:09:23	1TI
3040	019 21:48:51	31			CC10DR	AP BR1 HTR OFF			44269:44:785F	04-019/09:09:23	1TI
3041	019 21:48:51	31			CC10ER	AP BR2 HTR OFF			44269:44:785F	04-019/09:09:23	1TI
3042	019 21:48:51	31			CC10TRP	TCM LINE HTRS OFF			44269:44:785F	04-019/09:09:23	1TI
3043	019 21:48:51	31				DSS STATUS			44269:44:785F	04-019/09:09:23	1TI
3044	019 21:48:51	31			CC16BR	DSS 10 W REPL HTR OFF			44269:44:785F	04-019/09:09:23	1TI
3045	019 21:48:51	31			CC16AP	DSS ON			44269:44:785F	04-019/09:09:23	1TI
3046	019 21:48:51	31			CC1DR	BAY 2 19 W HTR OFF			44269:44:785F	04-019/09:09:23	1TI
3047	019 21:48:51	31			CC16C	7222 DSS CONTROL			44269:44:785F	04-019/09:09:23	1TI
3048	019 21:48:51	31				SCIENCE PWR STATUS			44269:44:785F	04-019/09:09:23	1TI
3049	019 21:48:51	31			CC1CR	MAG COIL OFF			44269:44:785F	04-019/09:09:23	1TI
3050	019 21:48:51	31			CC21A	CRS ON			44269:44:785F	04-019/09:09:23	1TI
3051	019 21:48:51	31			CC21B	CRS REPL HTR ON			44269:44:785F	04-019/09:09:23	1TI
3052	019 21:48:51	31			CC21CR	CRS SUPP HTR OFF			44269:44:785F	04-019/09:09:23	1TI
3053	019 21:48:51	31			CC22A	PRA ON			44269:44:785F	04-019/09:09:23	1TI
3054	019 21:48:51	31			CC23A	PWS ON			44269:44:785F	04-019/09:09:23	1TI
3055	019 21:48:51	31			CC25A	LECP ON			44269:44:785F	04-019/09:09:23	1TI
3056	019 21:48:51	31			CC25B	LECP STEPPER MOTOR ON			44269:44:785F	04-019/09:09:23	1TI
3057	019 21:48:51	31			CC25CR	LECP REPL HTR OFF			44269:44:785F	04-019/09:09:23	1TI
3058	019 21:48:51	31			CC25D	LECP MAIN SUPP HTR ON			44269:44:785F	04-019/09:09:23	1TI
3059	019 21:48:51	31			CC25E	LECP LEPT SUPP HTR ON			44269:44:785F	04-019/09:09:23	1TI

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3060	019 21:48:51	31			CC27BR	PPS SUPP HTR OFF			44269:44:785F	04-019/09:09:23	1TI
3061	019 21:48:51	31			CC32A	PLS ON			44269:44:785F	04-019/09:09:23	1TI
3062	019 21:48:51	31			CC32BR	PLS SUPP HTR OFF			44269:44:785F	04-019/09:09:23	1TI
3063	019 21:48:51	31			CC32C	PLS REPL HTR ON			44269:44:785F	04-019/09:09:23	1TI
3064	019 21:48:51	31			CC34A	UVS ON			44269:44:785F	04-019/09:09:23	1TI
3065	019 21:48:51	31			CC34B	UVS REPL HTR ON			44269:44:785F	04-019/09:09:23	1TI
3066	019 21:48:51	31			CC35AR	MAG OFF			44269:44:785F	04-019/09:09:23	1TI
3067	019 21:48:51	31			CC35B	MAG STANDBY ON			44269:44:785F	04-019/09:09:23	1TI
3068	019 21:48:51	31			CC35GR	MAG SENSOR HTR OFF			44269:44:785F	04-019/09:09:23	1TI
3069	019 21:48:51	31			CC36GR	ISS WA VID REPL HTR OFF			44269:44:785F	04-019/09:09:23	1TI
3070	019 21:48:51	31			CC36HR	ISS WA ELEC REPL HTR OFF			44269:44:785F	04-019/09:09:23	1TI
3071	019 21:48:51	31			CC36CRP	ISS NA OPTICS HTR OFF			44269:44:785F	04-019/09:09:23	1TI
3072	019 21:48:51	31			CC36FRP	ISS NA VID REPL HTR OFF			44269:44:785F	04-019/09:09:23	1TI
3073	019 21:48:51	31			CC36JP	ISS NA ELEC REPL HTR ON			44269:44:785F	04-019/09:09:23	1TI
3074	019 21:48:51	31			CC39D	IRIS REPL HTR ON			44269:44:785F	04-019/09:09:23	1TI
3075	019 21:48:51	31			CC39FR	IRIS STANDBY A SUPPLY OFF			44269:44:785F	04-019/09:09:23	1TI
3076	019 21:48:51	31			CC39BR	IRIS STANDBY B SUPPLY OFF			44269:44:785F	04-019/09:09:23	1TI
3077	019 21:48:51	31				SCIENCE INSTRUMENT STATUS			44269:44:785F	04-019/09:09:23	1TI
3078	019 21:48:51	31			SC21AF	01000 CRS CMD WORD			44269:44:785F	04-019/09:09:23	1TI
3079	019 21:48:51	31			SC21AF	02000 CRS CMD WORD			44269:44:785F	04-019/09:09:23	1TI
3080	019 21:48:51	31			SC21AF	03000 CRS CMD WORD			44269:44:785F	04-019/09:09:23	1TI
3081	019 21:48:51	31			SC21AF	04000 CRS CMD WORD			44269:44:785F	04-019/09:09:23	1TI
3082	019 21:48:51	31			SC21AF	05300 CRS CMD WORD			44269:44:785F	04-019/09:09:23	1TI

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3083	019 21:48:51	31			SC21AF	06000 CRS CMD WORD			44269:44:785F	04-019/09:09:23	1TI
3084	019 21:48:51	31			SC21AF	07200 CRS CMD WORD			44269:44:785F	04-019/09:09:23	1TI
3085	019 21:48:51	31			SC21AF	08200 CRS CMD WORD			44269:44:785F	04-019/09:09:23	1TI
3086	019 21:48:51	31			SC21AF	10000 CRS CMD WORD			44269:44:785F	04-019/09:09:23	1TI
3087	019 21:48:51	31			SC21AF	11000 CRS CMD WORD			44269:44:785F	04-019/09:09:23	1TI
3088	019 21:48:51	31			SC21AF	12000 CRS CMD WORD			44269:44:785F	04-019/09:09:23	1TI
3089	019 21:48:51	31			SC21AF	13012 CRS CMD WORD			44269:44:785F	04-019/09:09:23	1TI
3090	019 21:48:51	31			SC21AG	CRS HV FLAG			44269:44:785F	04-019/09:09:23	1TI
3091	019 21:48:51	31			SC21AH	CRS CAL-ST FLAG			44269:44:785F	04-019/09:09:23	1TI
3092	019 21:48:51	31			SC22AF	1347 PRA CONFIGURATION CMD			44269:44:785F	04-019/09:09:23	1TI
3093	019 21:48:51	31			SC22NU	0000 PRA MODE SELECT			44269:44:785F	04-019/09:09:23	1TI
3094	019 21:48:51	31			SC23AD	5 PWS CMD WORD			44269:44:785F	04-019/09:09:23	1TI
3095	019 21:48:51	31			SC25AH	1777 LECP CMD WORD			44269:44:785F	04-019/09:09:23	1TI
3096	019 21:48:51	31			SC25AH	2417 LECP CMD WORD			44269:44:785F	04-019/09:09:23	1TI
3097	019 21:48:51	31			SC25AH	5600 LECP CMD WORD			44269:44:785F	04-019/09:09:23	1TI
3098	019 21:48:51	31			SC25AH	6032 LECP CMD WORD			44269:44:785F	04-019/09:09:23	1TI
3099	019 21:48:51	31			SC25AJ	1 LECP MOTOR STEP CMD			44269:44:785F	04-019/09:09:23	1TI
3100	019 21:48:51	31			SC25AN	0 LECP NEAR/FAR ENC			44269:44:785F	04-019/09:09:23	1TI
3101	019 21:48:51	31			SC25AQ	5200 LECP SAFE CMD			44269:44:785F	04-019/09:09:23	1TI
3102	019 21:48:51	31			SC32AF	2 PLS E1 INT/AMP GAIN			44269:44:785F	04-019/09:09:23	1TI
3103	019 21:48:51	31			SC32AG	2 PLS E2 INT/AMP GAIN			44269:44:785F	04-019/09:09:23	1TI
3104	019 21:48:51	31			SC32AH	3 PLS M INT/AMP GAIN			44269:44:785F	04-019/09:09:23	1TI
3105	019 21:48:51	31			SC32AJ	13 PLS CONFIG CMD			44269:44:785F	04-019/09:09:23	1TI

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
3106	019 21:48:51	31			SC32AK	2 PLS L INT/AMP GAIN			44269:44:785F	04-019/09:09:23	1TI
3107	019 21:48:51	31			SC32AL	216 PLS M START WORD 1			44269:44:785F	04-019/09:09:23	1TI
3108	019 21:48:51	31			SC32AM	216 PLS M START WORD 2			44269:44:785F	04-019/09:09:23	1TI
3109	019 21:48:51	31			SC32AN	2 PLS M MODE			44269:44:785F	04-019/09:09:23	1TI
3110	019 21:48:51	31			SC32AP	3 PLS E1 SHRT			44269:44:785F	04-019/09:09:23	1TI
3111	019 21:48:51	31			SC32AQ	3 PLS E2 SHRT			44269:44:785F	04-019/09:09:23	1TI
3112	019 21:48:51	31			SC32AR	3 PLS L SHORT			44269:44:785F	04-019/09:09:23	1TI
3113	019 21:48:51	31			SC32AS	2 PLS E1 LONG			44269:44:785F	04-019/09:09:23	1TI
3114	019 21:48:51	31			SC32AT	2 PLS E2 LONG			44269:44:785F	04-019/09:09:23	1TI
3115	019 21:48:51	31			SC32AU	2 PLS L LONG			44269:44:785F	04-019/09:09:23	1TI
3116	019 21:48:51	31			SC34AE	13 UVS MODE/HV LEVEL			44269:44:785F	04-019/09:09:23	1TI
3117	019 21:48:51	31			SC34AF	0 UVS READ OUT FLAG			44269:44:785F	04-019/09:09:23	1TI
3118	019 21:48:51	31			SC35AI	030001 MAG HFM/EL FLIP/IFC/LFM			44269:44:785F	04-019/09:09:23	1TI
3119	019 21:48:51	31			SC35AO	030001 MAG HFM/PRIME/IFC/LFM RAN			44269:44:785F	04-019/09:09:23	1TI