



# FINAL FLIGHT SOE

S/C 31

SEQUENCE ID A061DA DATE OF RELEASE September 29, 2006

EXECUTION PERIOD 10/16/2006 to 01/15/2007 (06-289 to 07-015)

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FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT 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	289 23:10:31	31				INITIAL SPACECRAFT STATUS			08763:44:785F	06-289/09:09:23	1TI
2	289 23:10:31	31				RADIO STATUS			08763:44:785F	06-289/09:09:23	1TI
3	289 23:10:31	31			DC2AR	S-BAND RANGING OFF			08763:44:785F	06-289/09:09:23	1TI
4	289 23:10:31	31			DC2DR	S-BAND LO PWR			08763:44:785F	06-289/09:09:23	1TI
5	289 23:10:31	31			DC2HR	X-BAND LO PWR			08763:44:785F	06-289/09:09:23	1TI
6	289 23:10:31	31			DC2N	X-BAND RANGING ON			08763:44:785F	06-289/09:09:23	1TI
7	289 23:10:31	31			DC2P	2 WAY NON-COHERENT ON			08763:44:785F	06-289/09:09:23	1TI
8	289 23:10:31	31			DC2QR	USO OFF			08763:44:785F	06-289/09:09:23	1TI
9	289 23:10:31	31			CC2BRP	S-BAND EXC-2 SEL			08763:44:785F	06-289/09:09:23	1TI
10	289 23:10:31	31			CC2CRP	S-BAND TRANS-2 SEL			08763:44:785F	06-289/09:09:23	1TI
11	289 23:10:31	31			CC2FP	RCVR-1 SEL			08763:44:785F	06-289/09:09:23	1TI
12	289 23:10:31	31			CC2JP	X-BAND EXC-1 SEL			08763:44:785F	06-289/09:09:23	1TI
13	289 23:10:31	31			CC2GP	X-BAND ON			08763:44:785F	06-289/09:09:23	1TI
14	289 23:10:31	31			CC2KRP	S-BAND OFF			08763:44:785F	06-289/09:09:23	1TI
15	289 23:10:31	31			CC2LP	X-BAND TWTA-1 SEL			08763:44:785F	06-289/09:09:23	1TI
16	289 23:10:31	31			CC2MP	S-BAND EXC ON			08763:44:785F	06-289/09:09:23	1TI
17	289 23:10:31	31			DC2E	HGA SELECT			08763:44:785F	06-289/09:09:23	1TI
18	289 23:10:31	31			CC1T	BAY 1 HTR ON			08763:44:785F	06-289/09:09:23	1TI
19	289 23:10:31	31				MDS STATUS			08763:44:785F	06-289/09:09:23	1TI
20	289 23:10:31	31			CC3BP	TMU ON			08763:44:785F	06-289/09:09:23	1TI
21	289 23:10:31	31			CC3GP	TMU-A SEL			08763:44:785F	06-289/09:09:23	1TI
22	289 23:10:31	31			CC3HP	CDU-A SEL			08763:44:785F	06-289/09:09:23	1TI
23	289 23:10:31	31			CC3A	32310 X-BAND			08763:44:785F	06-289/09:09:23	1TI

FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT 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	289 23:10:31	31			CC3A	28301 S-BAND			08763:44:785F	06-289/09:09:23	1TI
25	289 23:10:31	31				POWER STATUS			08763:44:785F	06-289/09:09:23	1TI
26	289 23:10:31	31			CC4A	UNDERVOLTAGE TRIP RESET			08763:44:785F	06-289/09:09:23	1TI
27	289 23:10:31	31			CC4K	RTG-1 DIODE BYPASS ON			08763:44:785F	06-289/09:09:23	1TI
28	289 23:10:31	31			CC4L	RTG-2 DIODE BYPASS ON			08763:44:785F	06-289/09:09:23	1TI
29	289 23:10:31	31			CC4M	RTG-3 DIODE BYPASS ON			08763:44:785F	06-289/09:09:23	1TI
30	289 23:10:31	31				CCS STATUS			08763:44:785F	06-289/09:09:23	1TI
31	289 23:10:31	31			DC5AR	CCS TOL DET ENABLE			08763:44:785F	06-289/09:09:23	1TI
32	289 23:10:31	31				FDS STATUS			08763:44:785F	06-289/09:09:23	1TI
33	289 23:10:31	31			CC6CP	FDS ON/ISS PWR ENABLE			08763:44:785F	06-289/09:09:23	1TI
34	289 23:10:31	31			CC6AA	1 SVC-W1			08763:44:785F	06-289/09:09:23	1TI
35	289 23:10:31	31			CC6AD	3200 SVC-W4			08763:44:785F	06-289/09:09:23	1TI
36	289 23:10:31	31			CC6AE	30011 SVC-W5			08763:44:785F	06-289/09:09:23	1TI
37	289 23:10:31	31			CC6AP	FDS PWR CONV A SEL			08763:44:785F	06-289/09:09:23	1TI
38	289 23:10:31	31			CC6AB	01000 SVC-W2			08763:44:785F	06-289/09:09:23	1TI
39	289 23:10:31	31			SC06BB	530070 FDS DATA MODE			08763:44:785F	06-289/09:09:23	1TI
40	289 23:10:31	31				AACS STATUS			08763:44:785F	06-289/09:09:23	1TI
41	289 23:10:31	31			AC7PCG	14 HYBIC 2 PWR ON			08763:44:785F	06-289/09:09:23	1TI
42	289 23:10:31	31			CC7ML	05 CST ON			08763:44:785F	06-289/09:09:23	1TI
43	289 23:10:31	31			AC7CTG	10 394 CST HI GATE			08763:44:785F	06-289/09:09:23	1TI
44	289 23:10:31	31			AC7CTG	11 442 CST LO GATE			08763:44:785F	06-289/09:09:23	1TI
45	289 23:10:31	31			AC7GYP	111 GYRO PATTERN			08763:44:785F	06-289/09:09:23	1TI
46	289 23:10:31	31			AC7PCG	52 GYRO A OFF			08763:44:785F	06-289/09:09:23	1TI

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47	289 23:10:31	31			AC7PCG	62 GYRO B OFF			08763:44:785F	06-289/09:09:23	1TI
48	289 23:10:31	31			AC7PCG	72 GYRO C OFF			08763:44:785F	06-289/09:09:23	1TI
49	289 23:10:31	31			AC7PAR	7530 000000 GYRO OFF NORM			08763:44:785F	06-289/09:09:23	1TI
50	289 23:10:31	31			AC7PAR	6740 000740 PITCH DEADBAND			08763:44:785F	06-289/09:09:23	1TI
51	289 23:10:31	31			AC7PAR	6741 001700 YAW DEADBAND			08763:44:785F	06-289/09:09:23	1TI
52	289 23:10:31	31			AC7PAR	6742 004540 ROLL DEADBAND			08763:44:785F	06-289/09:09:23	1TI
53	289 23:10:31	31			DEADBAND	DEAD BAND STATE: 05 10 25			08763:44:785F	06-289/09:09:23	1TI
54	289 23:10:31	31			CC7SS	1 AACS TO RAI			08763:44:785F	06-289/09:09:23	1TI
55	289 23:10:31	31			CC7CT	01 CST CONE ANGLE 1			08763:44:785F	06-289/09:09:23	1TI
56	289 23:10:31	31			AC7DDB	000480 DEAD BAND CONTROL			08763:44:785F	06-289/09:09:23	1TI
57	289 23:10:31	31			CC7AHRP	SS HTR A OFF			08763:44:785F	06-289/09:09:23	1TI
58	289 23:10:31	31			CC7BHP	SS HTR B ON			08763:44:785F	06-289/09:09:23	1TI
59	289 23:10:31	31			CC7ML	01 FDS CHAN A			08763:44:785F	06-289/09:09:23	1TI
60	289 23:10:31	31			CC7ML	09 TCAPU FAULT ENA			08763:44:785F	06-289/09:09:23	1TI
61	289 23:10:31	31			AC7PCG	61 AACS BAY 6 HTR A OFF			08763:44:785F	06-289/09:09:23	1TI
62	289 23:10:31	31			AC7PCG	71 AACS BAY 6 HTR B OFF			08763:44:785F	06-289/09:09:23	1TI
63	289 23:10:31	31			CC7MMRP	PROC/MEM 2 SELECT			08763:44:785F	06-289/09:09:23	1TI
64	289 23:10:31	31			CC7SHRP	AZ SCAN ACTUATOR HTR OFF			08763:44:785F	06-289/09:09:23	1TI
65	289 23:10:31	31			AC7PCG	22 CST SUN SHUTTER OFF			08763:44:785F	06-289/09:09:23	1TI
66	289 23:10:31	31			AC7PCG	10 ISO VALVE BRANCH 1 OFF			08763:44:785F	06-289/09:09:23	1TI
67	289 23:10:31	31			AC7PCG	20 ISO VALVE BRANCH 2 OFF			08763:44:785F	06-289/09:09:23	1TI
68	289 23:10:31	31			CC1PHP	SCAN PLAT SUPL HTR ON			08763:44:785F	06-289/09:09:23	1TI
69	289 23:10:31	31			CC77MRP	MAM OFF			08763:44:785F	06-289/09:09:23	1TI

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70	289 23:10:31	31			DC77PR	NON-PRIME FCP/MEM OFF			08763:44:785F	06-289/09:09:23	1TI
71	289 23:10:31	31			DC77XR	MAM COMMAND DISABLE			08763:44:785F	06-289/09:09:23	1TI
72	289 23:10:31	31				PYRO STATUS			08763:44:785F	06-289/09:09:23	1TI
73	289 23:10:31	31			CC8D	PSU INSTRUMENTATION ON			08763:44:785F	06-289/09:09:23	1TI
74	289 23:10:31	31			DC8XR	PYRO DISABLE			08763:44:785F	06-289/09:09:23	1TI
75	289 23:10:31	31				PROPULSION STATUS			08763:44:785F	06-289/09:09:23	1TI
76	289 23:10:31	31			CC10CRP	TCM HTR OFF			08763:44:785F	06-289/09:09:23	1TI
77	289 23:10:31	31			CC10DR	AP BR1 HTR OFF			08763:44:785F	06-289/09:09:23	1TI
78	289 23:10:31	31			CC10ER	AP BR2 HTR OFF			08763:44:785F	06-289/09:09:23	1TI
79	289 23:10:31	31			CC10TRP	TCM LINE HTRS OFF			08763:44:785F	06-289/09:09:23	1TI
80	289 23:10:31	31				DSS STATUS			08763:44:785F	06-289/09:09:23	1TI
81	289 23:10:31	31			CC16BR	DSS 10 W REPL HTR OFF			08763:44:785F	06-289/09:09:23	1TI
82	289 23:10:31	31			CC16AP	DSS ON			08763:44:785F	06-289/09:09:23	1TI
83	289 23:10:31	31			CC1DR	BAY 2 19 W HTR OFF			08763:44:785F	06-289/09:09:23	1TI
84	289 23:10:31	31			CC16C	7215 DSS CONTROL			08763:44:785F	06-289/09:09:23	1TI
85	289 23:10:31	31				SCIENCE PWR STATUS			08763:44:785F	06-289/09:09:23	1TI
86	289 23:10:31	31			CC1CR	MAG COIL OFF			08763:44:785F	06-289/09:09:23	1TI
87	289 23:10:31	31			CC21A	CRS ON			08763:44:785F	06-289/09:09:23	1TI
88	289 23:10:31	31			CC21B	CRS REPL HTR ON			08763:44:785F	06-289/09:09:23	1TI
89	289 23:10:31	31			CC21CR	CRS SUPP HTR OFF			08763:44:785F	06-289/09:09:23	1TI
90	289 23:10:31	31			CC22A	PRA ON			08763:44:785F	06-289/09:09:23	1TI
91	289 23:10:31	31			CC23A	PWS ON			08763:44:785F	06-289/09:09:23	1TI
92	289 23:10:31	31			CC25A	LECP ON			08763:44:785F	06-289/09:09:23	1TI

FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT 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	289 23:10:31	31			CC25B	LECP STEPPER MOTOR ON			08763:44:785F	06-289/09:09:23	1TI
94	289 23:10:31	31			CC25CR	LECP REPL HTR OFF			08763:44:785F	06-289/09:09:23	1TI
95	289 23:10:31	31			CC25D	LECP MAIN SUPP HTR ON			08763:44:785F	06-289/09:09:23	1TI
96	289 23:10:31	31			CC25E	LECP LEPT SUPP HTR ON			08763:44:785F	06-289/09:09:23	1TI
97	289 23:10:31	31			CC27BR	PPS SUPP HTR OFF			08763:44:785F	06-289/09:09:23	1TI
98	289 23:10:31	31			CC32A	PLS ON			08763:44:785F	06-289/09:09:23	1TI
99	289 23:10:31	31			CC32BR	PLS SUPP HTR OFF			08763:44:785F	06-289/09:09:23	1TI
100	289 23:10:31	31			CC32C	PLS REPL HTR ON			08763:44:785F	06-289/09:09:23	1TI
101	289 23:10:31	31			CC34A	UVS ON			08763:44:785F	06-289/09:09:23	1TI
102	289 23:10:31	31			CC34B	UVS REPL HTR ON			08763:44:785F	06-289/09:09:23	1TI
103	289 23:10:31	31			CC35AR	MAG OFF			08763:44:785F	06-289/09:09:23	1TI
104	289 23:10:31	31			CC35B	MAG STANDBY ON			08763:44:785F	06-289/09:09:23	1TI
105	289 23:10:31	31			CC35GR	MAG SENSOR HTR OFF			08763:44:785F	06-289/09:09:23	1TI
106	289 23:10:31	31			CC36GR	ISS WA VID REPL HTR OFF			08763:44:785F	06-289/09:09:23	1TI
107	289 23:10:31	31			CC36HR	ISS WA ELEC REPL HTR OFF			08763:44:785F	06-289/09:09:23	1TI
108	289 23:10:31	31			CC36CRP	ISS NA OPTICS HTR OFF			08763:44:785F	06-289/09:09:23	1TI
109	289 23:10:31	31			CC36FRP	ISS NA VID REPL HTR OFF			08763:44:785F	06-289/09:09:23	1TI
110	289 23:10:31	31			CC36JP	ISS NA ELEC REPL HTR ON			08763:44:785F	06-289/09:09:23	1TI
111	289 23:10:31	31			CC39D	IRIS REPL HTR ON			08763:44:785F	06-289/09:09:23	1TI
112	289 23:10:31	31			CC39FR	IRIS STANDBY A SUPPLY OFF			08763:44:785F	06-289/09:09:23	1TI
113	289 23:10:31	31			CC39BR	IRIS STANDBY B SUPPLY OFF			08763:44:785F	06-289/09:09:23	1TI
114	289 23:10:31	31				SCIENCE INSTRUMENT STATUS			08763:44:785F	06-289/09:09:23	1TI
115	289 23:10:31	31			SC21AF	01000 CRS CMD WORD			08763:44:785F	06-289/09:09:23	1TI

FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
116	289 23:10:31	31			SC21AF	02000 CRS CMD WORD			08763:44:785F	06-289/09:09:23	1TI
117	289 23:10:31	31			SC21AF	03000 CRS CMD WORD			08763:44:785F	06-289/09:09:23	1TI
118	289 23:10:31	31			SC21AF	04000 CRS CMD WORD			08763:44:785F	06-289/09:09:23	1TI
119	289 23:10:31	31			SC21AF	05300 CRS CMD WORD			08763:44:785F	06-289/09:09:23	1TI
120	289 23:10:31	31			SC21AF	06000 CRS CMD WORD			08763:44:785F	06-289/09:09:23	1TI
121	289 23:10:31	31			SC21AF	07200 CRS CMD WORD			08763:44:785F	06-289/09:09:23	1TI
122	289 23:10:31	31			SC21AF	08200 CRS CMD WORD			08763:44:785F	06-289/09:09:23	1TI
123	289 23:10:31	31			SC21AF	10000 CRS CMD WORD			08763:44:785F	06-289/09:09:23	1TI
124	289 23:10:31	31			SC21AF	11000 CRS CMD WORD			08763:44:785F	06-289/09:09:23	1TI
125	289 23:10:31	31			SC21AF	12000 CRS CMD WORD			08763:44:785F	06-289/09:09:23	1TI
126	289 23:10:31	31			SC21AF	13012 CRS CMD WORD			08763:44:785F	06-289/09:09:23	1TI
127	289 23:10:31	31			SC21AG	CRS HV FLAG			08763:44:785F	06-289/09:09:23	1TI
128	289 23:10:31	31			SC21AH	CRS CAL-ST FLAG			08763:44:785F	06-289/09:09:23	1TI
129	289 23:10:31	31			SC22AF	1347 PRA CONFIGURATION CMD			08763:44:785F	06-289/09:09:23	1TI
130	289 23:10:31	31			SC22NU	0000 PRA MODE SELECT			08763:44:785F	06-289/09:09:23	1TI
131	289 23:10:31	31			SC23AD	5 PWS CMD WORD			08763:44:785F	06-289/09:09:23	1TI
132	289 23:10:31	31			SC25AH	1777 LECP CMD WORD			08763:44:785F	06-289/09:09:23	1TI
133	289 23:10:31	31			SC25AH	2417 LECP CMD WORD			08763:44:785F	06-289/09:09:23	1TI
134	289 23:10:31	31			SC25AH	5600 LECP CMD WORD			08763:44:785F	06-289/09:09:23	1TI
135	289 23:10:31	31			SC25AH	6032 LECP CMD WORD			08763:44:785F	06-289/09:09:23	1TI
136	289 23:10:31	31			SC25AJ	1 LECP MOTOR STEP CMD			08763:44:785F	06-289/09:09:23	1TI
137	289 23:10:31	31			SC25AN	0 LECP NEAR/FAR ENC			08763:44:785F	06-289/09:09:23	1TI
138	289 23:10:31	31			SC25AQ	5200 LECP SAFE CMD			08763:44:785F	06-289/09:09:23	1TI

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139	289 23:10:31	31			SC32AF	2 PLS E1 INT/AMP GAIN			08763:44:785F	06-289/09:09:23	1TI
140	289 23:10:31	31			SC32AG	2 PLS E2 INT/AMP GAIN			08763:44:785F	06-289/09:09:23	1TI
141	289 23:10:31	31			SC32AH	3 PLS M INT/AMP GAIN			08763:44:785F	06-289/09:09:23	1TI
142	289 23:10:31	31			SC32AJ	13 PLS CONFIG CMD			08763:44:785F	06-289/09:09:23	1TI
143	289 23:10:31	31			SC32AK	2 PLS L INT/AMP GAIN			08763:44:785F	06-289/09:09:23	1TI
144	289 23:10:31	31			SC32AL	216 PLS M START WORD 1			08763:44:785F	06-289/09:09:23	1TI
145	289 23:10:31	31			SC32AM	216 PLS M START WORD 2			08763:44:785F	06-289/09:09:23	1TI
146	289 23:10:31	31			SC32AN	2 PLS M MODE			08763:44:785F	06-289/09:09:23	1TI
147	289 23:10:31	31			SC32AP	3 PLS E1 SHRT			08763:44:785F	06-289/09:09:23	1TI
148	289 23:10:31	31			SC32AQ	3 PLS E2 SHRT			08763:44:785F	06-289/09:09:23	1TI
149	289 23:10:31	31			SC32AR	3 PLS L SHORT			08763:44:785F	06-289/09:09:23	1TI
150	289 23:10:31	31			SC32AS	2 PLS E1 LONG			08763:44:785F	06-289/09:09:23	1TI
151	289 23:10:31	31			SC32AT	2 PLS E2 LONG			08763:44:785F	06-289/09:09:23	1TI
152	289 23:10:31	31			SC32AU	2 PLS L LONG			08763:44:785F	06-289/09:09:23	1TI
153	289 23:10:31	31			SC34AE	13 UVS MODE/HV LEVEL			08763:44:785F	06-289/09:09:23	1TI
154	289 23:10:31	31			SC34AF	0 UVS READ OUT FLAG			08763:44:785F	06-289/09:09:23	1TI
155	289 23:10:31	31			SC35AI	030001 MAG HFM/EL FLIP/IFC/LFM			08763:44:785F	06-289/09:09:23	1TI
156	289 23:10:31	31			SC35AO	030001 MAG HFM/PRIME/IFC/LFM RAN			08763:44:785F	06-289/09:09:23	1TI
157	289 23:10:32	31				BEGIN SEQUENCE A061 -- LOCK STAR			08763:45:001F	06-289/09:09:23	1T
158	290 00:00:00	31				VGR-31 OWLT IS 14H 01M 09S					1L
159	290 00:52:55	31	40RISE			10.2 DEGREE RISE DSC-40					1V
160	290 02:45:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0663					1DP
161	290 04:52:37	31	10 SET			10.2 DEGREE SET DSC-10					1V







FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
194	291 03:31:34	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		08799:11:026F	06-290/13:30:13	1ECf
195	291 03:32:21	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	08799:12:001F	06-290/13:30:59	1ESf
196	291 03:32:21	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		08799:12:002F	06-290/13:31:00	1ECs
197	291 03:32:21	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		08799:12:002F	06-290/13:31:00	1ECd
198	291 03:32:21	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2934	DTR		08799:12:002F	06-290/13:31:00	1ESd
199	291 03:33:09	31			SC32AJ	(13) PLS CONFIG CMD	FDS		08799:13:009F	06-290/13:31:48	1ECf
200	291 03:33:10	31				END PWSREC.31			08799:13:018F	06-290/13:31:48	1T
201	291 04:48:42	31	10 SET			10.2 DEGREE SET DSC-10					1V
202	291 09:46:22	31	60RISE			10.2 DEGREE RISE DSC-60					1V
203	291 09:53:33	31	40 SET			10.2 DEGREE SET DSC-40					1V
204	291 12:00:00	31				VGR-31 OWLT IS 14H 01M 24S					1L
205	291 13:15:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0664 (D/L ONLY)					1DP
206	291 13:15:00	31				CFG CODES					1DP
207	291 17:18:57	31	10RISE			10.2 DEGREE RISE DSC-10					1V
208	291 19:50:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0664					1DP

FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
209	291 20:54:50	31	60 SET			14.7 DEGREE SET DSC-60					1V
210	291 23:30:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0665 (D/L ONLY)					1DP
211	291 23:30:00	31				CFG CODES					1DP
212	292 00:00:00	31				VGR-31 OWLT IS 14H 01M 29S					1L
213	292 00:45:05	31	40RISE			10.2 DEGREE RISE DSC-40					1V
214	292 02:50:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0665					1DP
215	292 04:44:47	31	10 SET			10.2 DEGREE SET DSC-10					1V
216	292 09:42:29	31	60RISE			10.2 DEGREE RISE DSC-60					1V
217	292 09:49:40	31	40 SET			10.2 DEGREE SET DSC-40					1V
218	292 12:00:00	31				VGR-31 OWLT IS 14H 01M 34S					1L
219	292 17:15:04	31	10RISE			10.2 DEGREE RISE DSC-10					1V
220	292 17:25:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0665 (D/L ONLY)					1DP
221	292 17:25:00	31				CFG CODES					1DP
222	292 19:45:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0665					1DP
223	292 20:45:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0666 (D/L ONLY)					1DP
224	292 20:45:00	31				CFG CODES					1DP
225	292 20:50:58	31	60 SET			14.7 DEGREE SET DSC-60					1V
226	293 00:00:00	31				VGR-31 OWLT IS 14H 01M 39S					1L
227	293 00:41:09	31	40RISE			10.2 DEGREE RISE DSC-40					1V
228	293 02:25:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0666 (D/L ONLY)					1DP
229	293 02:25:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
230	293 02:45:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0666					1DP
231	293 04:40:52	31	10 SET			10.2 DEGREE SET DSC-10					1V
232	293 04:50:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0666					1DP
233	293 09:38:35	31	60RISE			10.2 DEGREE RISE DSC-60					1V
234	293 09:45:47	31	40 SET			10.2 DEGREE SET DSC-40					1V
235	293 12:00:00	31				VGR-31 OWLT IS 14H 01M 44S					1L
236	293 16:25:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0666 (D/L ONLY)					1DP
237	293 16:25:00	31				CFG CODES					1DP
238	293 17:11:10	31	10RISE			10.2 DEGREE RISE DSC-10					1V
239	293 19:40:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0666					1DP
240	293 20:45:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-0667 (D/L ONLY)					1DP
241	293 20:45:00	31				CFG CODES					1DP
242	293 20:47:06	31	60 SET			14.7 DEGREE SET DSC-60					1V
243	294 00:00:00	31				VGR-31 OWLT IS 14H 01M 49S					1L
244	294 00:37:14	31	40RISE			10.2 DEGREE RISE DSC-40					1V
245	294 01:40:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-0667					1DP
246	294 04:36:57	31	10 SET			10.2 DEGREE SET DSC-10					1V
247	294 06:29:40	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		08892:53:002F	06-293/16:27:48	1ECd
248	294 06:29:40	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2941	DTR		08892:53:002F	06-293/16:27:48	1ESd
249	294 07:52:11	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		08894:36:117F	06-293/17:50:18	1ECd



FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
263	294 09:32:01	31				BEGIN RECORDING PWS DATA			08896:40:734F	06-293/19:30:07	1T
264	294 09:32:01	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		08896:40:735F	06-293/19:30:08	1ECd
265	294 09:32:01	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:1158	DTR		08896:40:735F	06-293/19:30:08	1ESd
266	294 09:32:05	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	08896:41:001F	06-293/19:30:11	1ESf
267	294 09:32:05	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		08896:41:002F	06-293/19:30:12	1ECs
268	294 09:32:06	31				B- DRCRUS			08896:41:018F	06-293/19:30:12	1TB
269	294 09:32:06	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		08896:41:026F	06-293/19:30:13	1ECf
270	294 09:32:53	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	08896:42:001F	06-293/19:30:59	1ESf
271	294 09:32:53	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		08896:42:002F	06-293/19:31:00	1ECd
272	294 09:32:53	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:0866	DTR		08896:42:002F	06-293/19:31:00	1ESd

FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
273	294 09:32:53	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		08896:42:002F	06-293/19:31:00	1ECs
274	294 09:33:41	31			SC32AJ	(13) PLS CONFIG CMD	FDS		08896:43:009F	06-293/19:31:48	1ECf
275	294 09:33:42	31				END PWSREC.31			08896:43:018F	06-293/19:31:48	1T
276	294 09:34:42	31	60RISE			10.2 DEGREE RISE DSC-60					1V
277	294 09:41:54	31	40 SET			10.2 DEGREE SET DSC-40					1V
278	294 11:39:18	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		08899:20:002F	06-293/21:37:24	1ECd
279	294 11:39:18	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0859	DTR		08899:20:002F	06-293/21:37:24	1ESd
280	294 12:00:00	31				VGR-31 OWLT IS 14H 01M 54S					1L
281	294 13:15:40	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		08901:20:353F	06-293/23:13:45	1ECd
282	294 13:15:40	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2941	DTR		08901:20:353F	06-293/23:13:45	1ESd
283	294 14:03:19	31			AC7SSB	(4 +150) SS BIAS CONTROL --- YAW	AACS		08902:20:003F	06-294/00:01:24	1ECa
284	294 14:39:19	31			CC16C	(7015) DTR STATE SELECT: READY	DTR		08903:05:002F	06-294/00:37:24	1ECd
285	294 14:39:19	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2941	DTR		08903:05:002F	06-294/00:37:24	1ESd
286	294 17:07:17	31	10RISE			10.2 DEGREE RISE DSC-10					1V
287	294 17:25:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0667 (D/L ONLY)					1DP



FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT 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	294 17:25:00	31				CFG CODES					1DP
289	294 19:35:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0667					1DP
290	294 20:43:12	31	60 SET			14.7 DEGREE SET DSC-60					1V
291	294 23:10:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0668 (D/L ONLY)					1DP
292	294 23:10:00	31				CFG CODES					1DP
293	295 00:00:00	31				VGR-31 OWLT IS 14H 01M 59S					1L
294	295 00:33:19	31	40RISE			10.2 DEGREE RISE DSC-40					1V
295	295 04:33:02	31	10 SET			10.2 DEGREE SET DSC-10					1V
296	295 04:50:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0668					1DP
297	295 09:30:49	31	60RISE			10.2 DEGREE RISE DSC-60					1V
298	295 09:38:00	31	40 SET			10.2 DEGREE SET DSC-40					1V
299	295 12:00:00	31				VGR-31 OWLT IS 14H 02M 04S					1L
300	295 14:25:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0668 (D/L ONLY)					1DP
301	295 14:25:00	31				CFG CODES					1DP
302	295 17:03:24	31	10RISE			10.2 DEGREE RISE DSC-10					1V
303	295 19:30:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0668					1DP
304	295 20:39:20	31	60 SET			14.7 DEGREE SET DSC-60					1V
305	295 22:30:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0669 (D/L ONLY)					1DP
306	295 22:30:00	31				CFG CODES					1DP
307	296 00:00:00	31				VGR-31 OWLT IS 14H 02M 09S					1L
308	296 00:29:24	31	40RISE			10.2 DEGREE RISE DSC-40					1V

FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
309	296 02:35:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0669					1DP
310	296 04:29:08	31	10 SET			10.2 DEGREE SET DSC-10					1V
311	296 09:26:56	31	60RISE			10.2 DEGREE RISE DSC-60					1V
312	296 09:34:07	31	40 SET			10.2 DEGREE SET DSC-40					1V
313	296 12:00:00	31				VGR-31 OWLT IS 14H 02M 14S					1L
314	296 15:50:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0669 (D/L ONLY)					1DP
315	296 15:50:00	31				CFG CODES					1DP
316	296 16:59:30	31	10RISE			10.2 DEGREE RISE DSC-10					1V
317	296 19:30:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0669					1DP
318	296 20:35:27	31	60 SET			14.7 DEGREE SET DSC-60					1V
319	297 00:00:00	31				VGR-31 OWLT IS 14H 02M 18S					1L
320	297 00:25:29	31	40RISE			10.2 DEGREE RISE DSC-40					1V
321	297 04:25:13	31	10 SET			10.2 DEGREE SET DSC-10					1V
322	297 06:30:00	31	43 AOS	OPCH ACE		AOS DSS-43 PASS-0670 (D/L ONLY)					1DP
323	297 06:30:00	31				CFG CODES					1DP
324	297 09:23:03	31	60RISE			10.2 DEGREE RISE DSC-60					1V
325	297 09:30:14	31	40 SET			10.2 DEGREE SET DSC-40					1V
326	297 09:45:00	31	43 LOS	OPCH ACE		LOS DSS-43 PASS-0670					1DP
327	297 12:00:00	31				VGR-31 OWLT IS 14H 02M 23S					1L
328	297 16:20:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0670 (D/L ONLY)					1DP
329	297 16:20:00	31				CFG CODES					1DP
330	297 16:55:37	31	10RISE			10.2 DEGREE RISE DSC-10					1V



FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
348	298 03:08:37	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:2941	DTR		09008:40:735F	06-297/13:06:08	1ESd
349	298 03:08:41	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09008:41:001F	06-297/13:06:11	1ESf
350	298 03:08:41	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		09008:41:002F	06-297/13:06:12	1ECs
351	298 03:08:42	31				B- DRCRUS			09008:41:018F	06-297/13:06:12	1TB
352	298 03:08:42	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		09008:41:026F	06-297/13:06:13	1ECf
353	298 03:09:29	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09008:42:001F	06-297/13:06:59	1ESf
354	298 03:09:29	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09008:42:002F	06-297/13:07:00	1ECd
355	298 03:09:29	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:3233	DTR		09008:42:002F	06-297/13:07:00	1ESd
356	298 03:09:29	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		09008:42:002F	06-297/13:07:00	1ECs

FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
357	298 03:10:17	31			SC32AJ	(13) PLS CONFIG CMD	FDS		09008:43:010F	06-297/13:07:48	1ECf
358	298 03:10:18	31				END PWSREC.31			09008:43:018F	06-297/13:07:48	1T
359	298 04:21:18	31	10 SET			10.2 DEGREE SET DSC-10					1V
360	298 09:19:09	31	60RISE			10.2 DEGREE RISE DSC-60					1V
361	298 09:26:21	31	40 SET			10.2 DEGREE SET DSC-40					1V
362	298 12:00:00	31				VGR-31 OWLT IS 14H 02M 33S					1L
363	298 16:51:44	31	10RISE			10.2 DEGREE RISE DSC-10					1V
364	298 18:37:35	31				TAPPOS-1705			09028:02:001F	06-298/04:34:59	1T
365	298 18:37:35	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		09028:02:001F	06-298/04:34:59	1ECd
366	298 18:37:35	31				DTR STATUS MODE:SLEW      RATE:007.2K DIR:R      TRK:1      TIC:3240	DTR		09028:02:001F	06-298/04:34:59	1ESd
367	298 19:48:38	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09029:30:628F	06-298/05:46:01	1ECd
368	298 19:48:38	31				DTR STATUS MODE:RDY      RATE:000.0K DIR:R      TRK:1      TIC:1705	DTR		09029:30:628F	06-298/05:46:01	1ESd
369	298 20:00:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0672 (D/L ONLY)					1DP
370	298 20:00:00	31				CFG CODES					1DP
371	298 20:00:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0672 (D/L ONLY)					1DP
372	298 20:00:00	31				CFG CODES					1DP
373	298 20:17:36	31				FWD/TRK 3			09030:07:001F	06-298/06:14:59	1T
374	298 20:17:36	31			CC16C	(7013) DTR STATE SELECT: READY	DTR		09030:07:001F	06-298/06:14:59	1ECd



FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
393	298 21:29:37	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		09031:37:009F	06-298/07:27:00	1ECf
394	298 21:30:25	31				BEGIN PLAYBACK			09031:38:001F	06-298/07:27:47	1T
395	298 21:30:25	31		ACE OPCH		FDS STATUS PB-14/X1.4K/S40 MEM:PA/FDS11	FDS	PB-14	09031:38:001F	06-298/07:27:47	1ESf
396	298 21:30:25	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		09031:38:002F	06-298/07:27:48	1ECs
397	298 21:30:25	31			CC6AD	(3 2 0 2) SVC-W4 FDS MEM B WRT PROTECT	FDS		09031:38:003F	06-298/07:27:48	1ECf
398	298 21:30:25	31		ACE OPCH		FDS STATUS PB-14/X1.4K/S40 MEM:PA/FDS11	FDS	PB-14	09031:38:003F	06-298/07:27:48	1ESf
399	298 21:30:25	31			CC16C	(1210) DTR STATE SELECT:PLAYBACK	DTR		09031:38:005F	06-298/07:27:48	1ECd
400	298 21:30:25	31				DTR STATUS MODE:PLAY RATE:007.2K DIR:F TRK:3 TIC:1705	DTR		09031:38:005F	06-298/07:27:48	1ESd
401	298 21:30:26	31				END DDPB1431			09031:38:018F	06-298/07:27:48	1T
402	298 22:57:27	31			EOT	END OF TAPE			09033:26:631F	06-298/08:54:49	1Ed
403	298 22:57:27	31			EOT	END OF TAPE			09033:26:635F	06-298/08:54:49	1Ed
404	299 00:00:00	31				VGR-31 OWLT IS 14H 02M 38S					1L
405	299 00:17:39	31	40RISE			10.2 DEGREE RISE DSC-40					1V





FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
418	299 04:05:39	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09039:52:003F	06-298/14:03:00	1ESf
419	299 04:05:40	31				END PLAYBACK			09039:52:018F	06-298/14:03:00	1T
420	299 04:17:23	31	10	SET		10.2 DEGREE SET DSC-10					1V
421	299 04:20:03	31				B- YAWDB			09040:10:001F	06-298/14:17:23	1TB
422	299 04:20:03	31				YAWDB - .10			09040:10:001F	06-298/14:17:23	1T
423	299 04:20:03	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		09040:10:004F	06-298/14:17:24	1ECa
424	299 04:30:00	31	15	LOS	OPCH ACE	LOS DSS-15 PASS-0672					1DP
425	299 04:30:00	31	14	LOS	OPCH ACE	LOS DSS-14 PASS-0672					1DP
426	299 09:15:16	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
427	299 09:22:28	31	40	SET		10.2 DEGREE SET DSC-40					1V
428	299 12:00:00	31				VGR-31 OWLT IS 14H 02M 42S					1L
429	299 15:35:00	31	65	AOS	OPCH ACE	AOS DSS-65 PASS-0672 (D/L ONLY)					1DP
430	299 15:35:00	31				CFG CODES					1DP
431	299 16:47:50	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
432	299 19:15:00	31	65	LOS	OPCH ACE	LOS DSS-65 PASS-0672					1DP
433	299 19:53:45	31				TAPPOS-0550			09059:37:001F	06-299/05:50:59	1T
434	299 19:53:45	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		09059:37:001F	06-299/05:50:59	1ECd
435	299 19:53:45	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3471	DTR		09059:37:001F	06-299/05:50:59	1ESd
436	299 20:23:49	31	60	SET		14.6 DEGREE SET DSC-60					1V

FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
437	299 22:08:57	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09062:25:785F	06-299/08:06:11	1ECd
438	299 22:08:57	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:0550	DTR	09062:25:785F	06-299/08:06:11	1ESd	
439	299 22:17:46	31			AC7SSB	(4 +151) SS BIAS CONTROL --- YAW FWD/TRK 1	AACS	09062:37:003F	06-299/08:15:00	1ECa	
440	299 22:41:46	31						09063:07:001F	06-299/08:38:59	1T	
441	299 22:41:46	31			CC16C	(7011) DTR STATE SELECT: READY	DTR	09063:07:001F	06-299/08:38:59	1ECd	
442	299 22:41:46	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:0550	DTR	09063:07:001F	06-299/08:38:59	1ESd	
443	299 22:41:47	31				END DAIN31		09063:07:018F	06-299/08:39:00	1T	
444	299 23:30:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0673 (D/L ONLY)					1DP
445	299 23:30:00	31				CFG CODES					1DP
446	300 00:00:00	31				VGR-31 OWLT IS 14H 02M 47S					1L
447	300 00:13:44	31	40RISE			10.2 DEGREE RISE DSC-40					1V
448	300 03:10:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0673					1DP
449	300 03:12:12	31			AC7SSB	(3 +014) SS BIAS CONTROL - PITCH	AACS	09068:45:003F	06-299/13:09:24	1ECa	
450	300 04:13:28	31	10 SET			10.2 DEGREE SET DSC-10					1V
451	300 09:11:23	31	60RISE			10.2 DEGREE RISE DSC-60					1V
452	300 09:18:35	31	40 SET			10.2 DEGREE SET DSC-40					1V
453	300 12:00:00	31				VGR-31 OWLT IS 14H 02M 52S					1L
454	300 15:35:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0673 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
455	300 15:35:00	31				CFG CODES					1DP
456	300 16:43:57	31	10RISE			10.2 DEGREE RISE DSC-10					1V
457	300 18:40:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0674 (D/L ONLY)					1DP
458	300 18:40:00	31				CFG CODES					1DP
459	300 19:00:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0673					1DP
460	300 20:19:57	31	60 SET			14.6 DEGREE SET DSC-60					1V
461	300 20:39:31	31				B- GYONBC.31			09090:34:001F	06-300/06:36:35	1TB
462	300 20:39:31	31				BEGIN GYONBC31			09090:34:001F	06-300/06:36:35	1T
463	300 20:39:31	31			AC7GYP	(111) DRIRU PATTERN CONTROL GYRO/AXIS=B/PITCH C/YAW & ROLL	AACS		09090:34:003F	06-300/06:36:36	1ECa
464	300 20:39:31	31			CC7GARP	GYRO A OFF	PWR		09090:34:004F	06-300/06:36:36	1ECp
465	300 20:39:31	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS	09090:34:004F	06-300/06:36:36	1ESa	
466	300 20:39:31	31			CC7GARP	GYRO A OFF	PWR		09090:34:006F	06-300/06:36:36	1ECp
467	300 20:39:31	31			CC7PC	(352) GYRO A OFF	AACS		09090:34:008F	06-300/06:36:36	1ECa
468	300 20:39:31	31			CC7GCP	GYRO C ON	PWR		09090:34:009F	06-300/06:36:36	1ECp
469	300 20:39:31	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: ON	AACS	09090:34:009F	06-300/06:36:36	1ESa	
470	300 20:39:32	31			CC7GCP	GYRO C ON	PWR		09090:34:011F	06-300/06:36:36	1ECp
471	300 20:39:32	31			CC7PC	(373) GYRO C ON	AACS		09090:34:013F	06-300/06:36:36	1ECa

FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
472	300 20:39:32	31			CC7GBP	GYRO B ON	PWR		09090:34:013F	06-300/06:36:36	1ECp
473	300 20:39:32	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		09090:34:013F	06-300/06:36:36	1ESa
474	300 20:39:32	31			CC7GBP	GYRO B ON	PWR		09090:34:016F	06-300/06:36:36	1ECp
475	300 20:39:32	31			CC7PC	(363) GYRO B ON	AACS		09090:34:018F	06-300/06:36:36	1ECa
476	300 20:40:00	31				DRIRU INITIALIZATION			09090:34:484F	06-300/06:37:04	1T
477	300 20:40:01	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		09090:34:502F	06-300/06:37:06	1ECa
478	300 20:40:30	31				SET CALIB			09090:35:184F	06-300/06:37:34	1T
479	300 20:40:31	31			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		09090:35:204F	06-300/06:37:36	1ECa
480	300 20:49:30	31				START GYRO FAULT TEST			09090:46:384F	06-300/06:46:34	1T
481	300 20:49:31	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		09090:46:402F	06-300/06:46:36	1ECa
482	300 20:49:32	31				END GYONBC31			09090:46:418F	06-300/06:46:36	1T
483	300 21:39:31	31				B- CCSTIMB			09091:49:001F	06-300/07:36:35	1TB
484	300 21:39:31	31				EXECUTE CCSTIMB FINE			09091:49:001F	06-300/07:36:35	1T
485	300 23:40:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0674					1DP
486	301 00:00:00	31				VGR-31 OWLT IS 14H 02M 56S					1L
487	301 00:09:50	31	40RISE			10.2 DEGREE RISE DSC-40					1V
488	301 00:30:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0674 (D/L ONLY)					1DP
489	301 00:30:00	31				CFG CODES					1DP
490	301 03:15:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0674					1DP
491	301 04:09:34	31	10 SET			10.2 DEGREE SET DSC-10					1V



FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
505	301 09:07:36	31				BEGIN PWSREC.31			09106:09:001F	06-300/19:04:35	1T
506	301 09:07:36	31			SC32AJ	(10) PLS CONFIG CMD	FDS		09106:09:009F	06-300/19:04:36	1ECf
507	301 09:08:24	31				B- DRGS4B			09106:10:001F	06-300/19:05:23	1TB
508	301 09:08:24	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		09106:10:009F	06-300/19:05:24	1ECf
509	301 09:09:08	31				BEGIN RECORDING PWS DATA			09106:10:734F	06-300/19:06:07	1T
510	301 09:09:08	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		09106:10:735F	06-300/19:06:08	1ECd
511	301 09:09:08	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:8 TIC:0859	DTR		09106:10:735F	06-300/19:06:08	1ESd
512	301 09:09:12	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09106:11:001F	06-300/19:06:11	1ESf
513	301 09:09:12	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		09106:11:002F	06-300/19:06:12	1ECs
514	301 09:09:13	31				B- DRCRUS			09106:11:018F	06-300/19:06:12	1TB
515	301 09:09:13	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		09106:11:026F	06-300/19:06:13	1ECf

FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
516	301 09:10:00	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09106:12:001F	06-300/19:06:59	1ESf
517	301 09:10:00	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09106:12:002F	06-300/19:07:00	1ECd
518	301 09:10:00	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:8 TIC:0566	DTR		09106:12:002F	06-300/19:07:00	1ESd
519	301 09:10:00	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		09106:12:002F	06-300/19:07:00	1ECs
520	301 09:10:48	31			SC32AJ	(13) PLS CONFIG CMD	FDS		09106:13:009F	06-300/19:07:48	1ECf
521	301 09:10:49	31				END PWSREC.31			09106:13:018F	06-300/19:07:48	1T
522	301 09:14:42	31	40 SET			10.2 DEGREE SET DSC-40					1V
523	301 11:16:25	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		09108:50:002F	06-300/21:13:24	1ECd
524	301 11:16:25	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:0560	DTR		09108:50:002F	06-300/21:13:24	1ESd
525	301 11:16:50	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09108:50:426F	06-300/21:13:49	1ECd
526	301 11:16:50	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:0550	DTR		09108:50:426F	06-300/21:13:49	1ESd
527	301 12:00:00	31				VGR-31 OWLT IS 14H 03M 01S					1L
528	301 14:16:26	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		09112:35:002F	06-301/00:13:24	1ECd

FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
529	301 14:16:26	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:0550	DTR		09112:35:002F	06-301/00:13:24	1ESd
530	301 15:40:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0674 (D/L ONLY)					1DP
531	301 15:40:00	31				CFG CODES					1DP
532	301 16:40:04	31	10RISE			10.2 DEGREE RISE DSC-10					1V
533	301 19:10:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0674					1DP
534	301 19:40:00	31	24 AOS	OPCH ACE		AOS DSS-24 PASS-0675 (D/L ONLY)					1DP
535	301 19:40:00	31				CFG CODES					1DP
536	301 20:16:03	31	60 SET			14.6 DEGREE SET DSC-60					1V
537	302 00:00:00	31				VGR-31 OWLT IS 14H 03M 05S					1L
538	302 00:05:55	31	40RISE			10.2 DEGREE RISE DSC-40					1V
539	302 01:10:00	31	24 LOS	OPCH ACE		LOS DSS-24 PASS-0675					1DP
540	302 04:05:39	31	10 SET			10.2 DEGREE SET DSC-10					1V
541	302 09:03:37	31	60RISE			10.2 DEGREE RISE DSC-60					1V
542	302 09:10:48	31	40 SET			10.2 DEGREE SET DSC-40					1V
543	302 12:00:00	31				VGR-31 OWLT IS 14H 03M 10S					1L
544	302 15:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0675 (D/L ONLY)					1DP
545	302 15:45:00	31				CFG CODES					1DP
546	302 16:36:11	31	10RISE			10.2 DEGREE RISE DSC-10					1V
547	302 18:45:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0676 (D/L ONLY)					1DP



FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
548	302 18:45:00	31				CFG CODES					1DP
549	302 19:05:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0675					1DP
550	302 20:12:11	31	60 SET			14.6 DEGREE SET DSC-60					1V
551	303 00:00:00	31				VGR-31 OWLT IS 14H 03M 15S					1L
552	303 00:02:00	31	40RISE			10.2 DEGREE RISE DSC-40					1V
553	303 03:05:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0676					1DP
554	303 04:01:45	31	10 SET			10.2 DEGREE SET DSC-10					1V
555	303 08:59:44	31	60RISE			10.2 DEGREE RISE DSC-60					1V
556	303 09:06:55	31	40 SET			10.2 DEGREE SET DSC-40					1V
557	303 12:00:00	31				VGR-31 OWLT IS 14H 03M 19S					1L
558	303 15:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0676 (D/L ONLY)					1DP
559	303 15:45:00	31				CFG CODES					1DP
560	303 16:32:17	31	10RISE			10.2 DEGREE RISE DSC-10					1V
561	303 19:00:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0676					1DP
562	303 20:08:19	31	60 SET			14.6 DEGREE SET DSC-60					1V
563	303 23:10:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0677 (D/L ONLY)					1DP
564	303 23:10:00	31				CFG CODES					1DP
565	303 23:58:05	31	40RISE			10.2 DEGREE RISE DSC-40					1V
566	304 00:00:00	31				VGR-31 OWLT IS 14H 03M 24S					1L
567	304 02:45:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0677 (D/L ONLY)					1DP
568	304 02:45:00	31				CFG CODES					1DP



FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
585	304 21:40:08	31				B- ASCAL			09211:49:001F	06-304/07:36:35	1TB
586	304 21:40:08	31				B- DREL40			09211:49:001F	06-304/07:36:35	1TB
587	304 21:40:08	31			SC06BB	(32 0 07 0) FDS MODE TO: EL-40 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		09211:49:009F	06-304/07:36:36	1ECf
588	304 21:40:08	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					
589	304 21:40:56	31		ACE OPCH		FDS STATUS EL-40/X40/S40 MEM:PA/FDS11	FDS	CE-40	09211:50:001F	06-304/07:37:23	1ESf
590	304 21:40:56	31			CC3A	(30310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=30 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		09211:50:002F	06-304/07:37:23	1ECs
591	304 21:56:08	31				.05 ALL AXES DEADBAND			09212:09:001F	06-304/07:52:35	1T
592	304 21:56:08	31			AC7DDB	(000480) CHG TO .05 DEG DEADBAND	AACS		09212:09:003F	06-304/07:52:36	1ECa
593	304 22:12:08	31			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		09212:29:002F	06-304/08:08:36	1ECa
594	304 22:12:08	31				AACS STATUS MODE : AAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		09212:29:002F	06-304/08:08:36	1ESa
595	304 22:12:08	31			CC7GARP	GYRO A OFF	PWR		09212:29:003F	06-304/08:08:36	1ECp
596	304 22:12:08	31			CC7GARP	GYRO A OFF	PWR		09212:29:005F	06-304/08:08:36	1ECp

FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
597	304 22:12:08	31			CC7PC	(352) GYRO A OFF	AACS		09212:29:007F	06-304/08:08:36	1ECa
598	304 22:12:08	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		09212:29:007F	06-304/08:08:36	1ECp
599	304 22:12:08	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		09212:29:010F	06-304/08:08:36	1ECp
600	304 22:12:09	31			CC7PC	(312) DUMMY PWR CMD	AACS		09212:29:012F	06-304/08:08:36	1ECa
601	304 22:12:55	31	14	OPCH 14		ASCAL =====					1TD
						START YAW DRIFT TURNS					
602	304 22:12:56	31				START FIRST YAW DRIFT TURN			09212:30:001F	06-304/08:09:23	1T
603	304 22:12:56	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		09212:30:003F	06-304/08:09:24	1ECa
604	304 22:16:56	31			AC7PAR	(7015 764220) PARAMETER LOAD	AACS		09212:35:003F	06-304/08:13:24	1ECa
605	304 22:24:56	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		09212:45:003F	06-304/08:21:24	1ECa
606	304 22:28:56	31			AC7PAR	(7015 000000) PARAMETER LOAD	AACS		09212:50:003F	06-304/08:25:24	1ECa
607	304 22:28:56	31	14	OPCH 14		ASCAL =====					1TD
						END YAW DRIFT TURNS					
608	304 22:28:57	31				END THIRD YAW DRIFT TURN			09212:50:018F	06-304/08:25:24	1T
609	304 22:29:43	31	14	OPCH 14		ASCAL =====					1TD
						START PITCH DRIFT TURNS					
610	304 22:29:44	31				START FIRST PITCH DRIFT TURN			09212:51:001F	06-304/08:26:11	1T
611	304 22:29:44	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		09212:51:003F	06-304/08:26:12	1ECa
612	304 22:33:44	31			AC7PAR	(7014 764220) PARAMETER LOAD	AACS		09212:56:003F	06-304/08:30:12	1ECa
613	304 22:41:44	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		09213:06:003F	06-304/08:38:12	1ECa



FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
629	304 22:50:01	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		09213:16:285F	06-304/08:46:28	1ESa
630	304 22:50:01	31			CC7PC	(307) STAR ACQUIRED	AACS		09213:16:285F	06-304/08:46:28	1ECa
631	304 22:50:01	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		09213:16:286F	06-304/08:46:29	1ECp
632	304 22:50:01	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		09213:16:288F	06-304/08:46:29	1ECp
633	304 22:50:01	31			CC7PC	(312) DUMMY PWR CMD	AACS		09213:16:290F	06-304/08:46:29	1ECa
634	304 22:52:08	31				B- DRCRUS			09213:19:001F	06-304/08:48:35	1TB
635	304 22:52:08	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		09213:19:009F	06-304/08:48:36	1ECf
636	304 22:52:56	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09213:20:001F	06-304/08:49:23	1ESf
637	304 22:52:56	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		09213:20:002F	06-304/08:49:23	1ECs
638	304 22:58:32	31				B- YAWDB			09213:27:001F	06-304/08:54:59	1TB
639	304 22:58:32	31				YAWDB - .10			09213:27:001F	06-304/08:54:59	1T
640	304 22:58:32	31				B- ROLLDB			09213:27:001F	06-304/08:54:59	1TB
641	304 22:58:32	31				ROLLDB - .25			09213:27:001F	06-304/08:54:59	1T
642	304 22:58:32	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		09213:27:003F	06-304/08:55:00	1ECa
643	304 22:58:32	31			AC7PAR	(6742 004540) +ROLL DB=.25 DEG	AACS		09213:27:005F	06-304/08:55:00	1ECa



FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
659	305 02:45:42	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:0550	DTR		09218:10:735F	06-304/12:42:08	1ESd
660	305 02:45:46	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09218:11:001F	06-304/12:42:11	1ESf
661	305 02:45:46	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		09218:11:002F	06-304/12:42:12	1ECs
662	305 02:45:47	31				B- DRCRUS			09218:11:018F	06-304/12:42:12	1TB
663	305 02:45:47	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		09218:11:026F	06-304/12:42:13	1ECf
664	305 02:46:34	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09218:12:001F	06-304/12:42:59	1ESf
665	305 02:46:34	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		09218:12:002F	06-304/12:42:59	1ECs
666	305 02:46:34	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09218:12:002F	06-304/12:43:00	1ECd
667	305 02:46:34	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:0843	DTR		09218:12:002F	06-304/12:43:00	1ESd



FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
668	305 02:47:22	31			SC32AJ	(13) PLS CONFIG CMD	FDS		09218:13:009F	06-304/12:43:48	1ECf
669	305 02:47:23	31				END PWSREC.31			09218:13:018F	06-304/12:43:48	1T
670	305 03:18:34	31				B- RPLY14.31			09218:52:001F	06-304/13:14:59	1TB
671	305 03:18:34	31				BEGIN REPLAY31			09218:52:001F	06-304/13:14:59	1T
672	305 03:18:34	31				BEGIN TAPPOS			09218:52:001F	06-304/13:14:59	1T
673	305 03:18:34	31				TAPPOS TO 3275			09218:52:001F	06-304/13:14:59	1T
674	305 03:18:34	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		09218:52:002F	06-304/13:15:00	1ECd
675	305 03:18:34	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0849	DTR		09218:52:002F	06-304/13:15:00	1ESd
676	305 03:53:55	31	10 SET			10.2 DEGREE SET DSC-10					1V
677	305 04:10:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0678					1DP
678	305 05:10:50	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09221:12:273F	06-304/15:07:16	1ECd
679	305 05:10:50	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3275	DTR		09221:12:273F	06-304/15:07:16	1ESd
680	305 06:32:11	31			AC7SSB	(4 +152) SS BIAS CONTROL --- YAW	AACS		09222:54:003F	06-304/16:28:36	1ECa
681	305 08:51:58	31	60RISE			10.2 DEGREE RISE DSC-60					1V
682	305 08:59:09	31	40 SET			10.2 DEGREE SET DSC-40					1V
683	305 12:00:00	31				VGR-31 OWLT IS 14H 03M 37S					1L
684	305 16:24:31	31	10RISE			10.2 DEGREE RISE DSC-10					1V
685	305 16:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0678 (D/L ONLY)					1DP
686	305 16:45:00	31				CFG CODES					1DP







FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
730	306 08:48:05	31	60RISE			10.2 DEGREE RISE DSC-60					1V
731	306 08:55:16	31	40 SET			10.2 DEGREE SET DSC-40					1V
732	306 12:00:00	31				VGR-31 OWLT IS 14H 03M 46S					1L
733	306 16:20:38	31	10RISE			10.2 DEGREE RISE DSC-10					1V
734	306 16:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0679 (D/L ONLY)					1DP
735	306 16:45:00	31				CFG CODES					1DP
736	306 18:00:24	31				BEGIN TAPPOS			09267:14:001F	06-306/03:56:35	1T
737	306 18:00:24	31				TAPPOS TO 850			09267:14:001F	06-306/03:56:35	1T
738	306 18:00:24	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		09267:14:002F	06-306/03:56:36	1ECd
739	306 18:00:24	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0523	DTR		09267:14:002F	06-306/03:56:36	1ESd
740	306 18:15:29	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09267:32:693F	06-306/04:11:41	1ECd
741	306 18:15:29	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:0849	DTR		09267:32:693F	06-306/04:11:41	1ESd
742	306 18:50:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0679					1DP
743	306 19:56:40	31	60 SET			14.6 DEGREE SET DSC-60					1V
744	306 20:50:01	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		09270:46:002F	06-306/06:46:12	1ECd
745	306 20:50:02	31				END REPLAY31			09270:46:018F	06-306/06:46:12	1T
746	306 23:46:21	31	40RISE			10.2 DEGREE RISE DSC-40					1V
747	307 00:00:00	31				VGR-31 OWLT IS 14H 03M 50S					1L
748	307 00:30:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0680 (D/L ONLY)					1DP









FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
793	307 21:50:35	31			CC7GARP	GYRO A OFF	PWR		09302:01:420F	06-307/07:46:37	1ECp
794	307 21:50:35	31			CC7GARP	GYRO A OFF	PWR		09302:01:422F	06-307/07:46:37	1ECp
795	307 21:50:35	31			CC7PC	(352) GYRO A OFF	AACS		09302:01:424F	06-307/07:46:37	1ECa
796	307 21:50:35	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		09302:01:425F	06-307/07:46:37	1ECp
797	307 21:50:35	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		09302:01:427F	06-307/07:46:37	1ECp
798	307 21:50:36	31			CC7PC	(312) DUMMY PWR CMD	AACS		09302:01:429F	06-307/07:46:37	1ECa
799	307 21:53:35	31			AC7TCD	(322 033478) TURN COMMAND AXIS=ROLL POL=NEG RNG SCALE=X10	AACS		09302:05:220F	06-307/07:49:37	1ECa
800	307 23:42:27	31	40RISE			10.2 DEGREE RISE DSC-40					1V
801	308 00:00:00	31				VGR-31 OWLT IS 14H 03M 59S					1L
802	308 02:21:49	31			SC32AJ	(10) PLS CONFIG CMD	FDS		09307:40:426F	06-307/12:17:49	1ECf
803	308 02:55:20	31			SC32AJ	(11) PLS CONFIG CMD	FDS		09308:22:342F	06-307/12:51:20	1ECf
804	308 03:30:24	31				ROLL TURN COMPLETE (NOMINAL)			09309:06:201F	06-307/13:26:23	1T
805	308 03:30:24	31			CC7PC	(345) CMDED TURN COMPLETE	AACS		09309:06:200F	06-307/13:26:23	1ECa
806	308 03:32:37	31			SC32AJ	(13) PLS CONFIG CMD	FDS		09309:09:026F	06-307/13:28:37	1ECf
807	308 03:41:37	31				RESET CALIB			09309:20:218F	06-307/13:37:36	1T
808	308 03:41:37	31			AC7PAR	(7530 000000) PARAMETER LOAD	AACS		09309:20:220F	06-307/13:37:37	1ECa
809	308 03:42:07	31			CC7SS	(1) SS SEARCH ENABLE	AACS		09309:20:719F	06-307/13:38:07	1ECa
810	308 03:42:07	31				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS	09309:20:719F	06-307/13:38:07	1ESa	
811	308 03:42:07	31			CC7PC	(327) IDET ACQUIRED	AACS		09309:20:719F	06-307/13:38:07	1ECa
812	308 03:42:07	31			CC7GARP	GYRO A OFF	PWR		09309:20:720F	06-307/13:38:07	1ECp

FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
813	308 03:42:07	31			CC7GARP	GYRO A OFF	PWR		09309:20:722F	06-307/13:38:07	1ECp
814	308 03:42:07	31			CC7PC	(352) GYRO A OFF	AACS		09309:20:724F	06-307/13:38:07	1ECa
815	308 03:42:07	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		09309:20:725F	06-307/13:38:07	1ECp
816	308 03:42:07	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		09309:20:727F	06-307/13:38:07	1ECp
817	308 03:42:08	31			CC7PC	(312) DUMMY PWR CMD	AACS		09309:20:729F	06-307/13:38:07	1ECa
818	308 03:42:12	31	10	SET		10.2 DEGREE SET DSC-10					1V
819	308 03:48:07	31			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		09309:28:319F	06-307/13:44:07	1ECa
820	308 03:49:12	31				GYROS OFF			09309:29:601F	06-307/13:45:11	1T
821	308 03:49:12	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		09309:29:602F	06-307/13:45:12	1ESa
822	308 03:49:12	31			CC7PC	(307) STAR ACQUIRED	AACS		09309:29:602F	06-307/13:45:12	1ECa
823	308 03:49:12	31			CC7GCRP	GYRO C OFF	PWR		09309:29:603F	06-307/13:45:12	1ECp
824	308 03:49:12	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		09309:29:603F	06-307/13:45:12	1ESa
825	308 03:49:12	31			CC7GCRP	GYRO C OFF	PWR		09309:29:605F	06-307/13:45:12	1ECp
826	308 03:49:12	31			CC7PC	(372) GYRO C OFF	AACS		09309:29:607F	06-307/13:45:12	1ECa
827	308 03:49:12	31			CC7GBRP	GYRO B OFF	PWR		09309:29:608F	06-307/13:45:12	1ECp
828	308 03:49:12	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS		09309:29:608F	06-307/13:45:12	1ESa



FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
846	308 04:01:24	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		09309:45:002F	06-307/13:57:23	1ECs
847	308 04:01:25	31				END MAGROLBC31			09309:45:018F	06-307/13:57:24	1T
848	308 04:01:25	31				END GAIN31			09309:45:018F	06-307/13:57:24	1T
849	308 08:40:19	31	60RISE			10.2 DEGREE RISE DSC-60					1V
850	308 08:47:30	31	40 SET			10.2 DEGREE SET DSC-40					1V
851	308 12:00:00	31				VGR-31 OWLT IS 14H 04M 03S					1L
852	308 15:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0681 (D/L ONLY)					1DP
853	308 15:45:00	31				CFG CODES					1DP
854	308 16:12:51	31	10RISE			10.2 DEGREE RISE DSC-10					1V
855	308 18:40:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0681					1DP
856	308 19:48:54	31	60 SET			14.6 DEGREE SET DSC-60					1V
857	308 21:35:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0682 (D/L ONLY)					1DP
858	308 21:35:00	31				CFG CODES					1DP
859	308 23:38:32	31	40RISE			10.2 DEGREE RISE DSC-40					1V
860	309 00:00:00	31				VGR-31 OWLT IS 14H 04M 07S					1L
861	309 02:45:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0682					1DP
862	309 03:38:18	31	10 SET			10.2 DEGREE SET DSC-10					1V
863	309 08:36:26	31	60RISE			10.2 DEGREE RISE DSC-60					1V
864	309 08:43:37	31	40 SET			10.2 DEGREE SET DSC-40					1V
865	309 12:00:00	31				VGR-31 OWLT IS 14H 04M 12S					1L
866	309 15:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0682 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
867	309 15:30:00	31				CFG CODES					1DP
868	309 16:08:58	31	10RISE			10.2 DEGREE RISE DSC-10					1V
869	309 18:35:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0682					1DP
870	309 19:45:02	31	60 SET			14.6 DEGREE SET DSC-60					1V
871	309 22:10:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0683 (D/L ONLY)					1DP
872	309 22:10:00	31				CFG CODES					1DP
873	309 23:34:38	31	40RISE			10.2 DEGREE RISE DSC-40					1V
874	310 00:00:00	31				VGR-31 OWLT IS 14H 04M 16S					1L
875	310 02:40:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0683					1DP
876	310 03:34:23	31	10 SET			10.2 DEGREE SET DSC-10					1V
877	310 08:32:33	31	60RISE			10.2 DEGREE RISE DSC-60					1V
878	310 08:39:44	31	40 SET			10.2 DEGREE SET DSC-40					1V
879	310 12:00:00	31				VGR-31 OWLT IS 14H 04M 20S					1L
880	310 14:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0683 (D/L ONLY)					1DP
881	310 14:30:00	31				CFG CODES					1DP
882	310 14:46:33	31			AC7SSB	(4 +153) SS BIAS CONTROL --- YAW	AACS		09383:11:003F	06-310/00:42:12	1ECa
883	310 16:05:05	31	10RISE			10.2 DEGREE RISE DSC-10					1V
884	310 18:35:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0683					1DP
885	310 19:30:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0684 (D/L ONLY)					1DP
886	310 19:30:00	31				CFG CODES					1DP
887	310 19:41:10	31	60 SET			14.6 DEGREE SET DSC-60					1V





FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
921	312 02:22:46	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		09427:41:026F	06-311/12:18:13	1ECf
922	312 02:23:33	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09427:42:001F	06-311/12:18:59	1ESf
923	312 02:23:33	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		09427:42:002F	06-311/12:18:59	1ECs
924	312 02:23:33	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09427:42:002F	06-311/12:19:00	1ECd
925	312 02:23:33	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1141	DTR		09427:42:002F	06-311/12:19:00	1ESd
926	312 02:24:21	31			SC32AJ	(13) PLS CONFIG CMD	FDS		09427:43:009F	06-311/12:19:48	1ECf
927	312 02:24:22	31				END PWSREC.31			09427:43:018F	06-311/12:19:48	1T
928	312 02:30:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0685					1DP
929	312 03:26:35	31	10 SET			10.2 DEGREE SET DSC-10					1V
930	312 08:24:47	31	60RISE			10.2 DEGREE RISE DSC-60					1V
931	312 08:31:58	31	40 SET			10.2 DEGREE SET DSC-40					1V
932	312 12:00:00	31				VGR-31 OWLT IS 14H 04M 36S					1L
933	312 13:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0685 (D/L ONLY)					1DP
934	312 13:30:00	31				CFG CODES					1DP
935	312 15:57:19	31	10RISE			10.2 DEGREE RISE DSC-10					1V









FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
986	314 03:05:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0687					1DP
987	314 03:18:46	31	10 SET			10.2 DEGREE SET DSC-10					1V
988	314 08:17:01	31	60RISE			10.2 DEGREE RISE DSC-60					1V
989	314 08:24:12	31	40 SET			10.2 DEGREE SET DSC-40					1V
990	314 12:00:00	31				VGR-31 OWLT IS 14H 04M 52S					1L
991	314 13:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0687 (D/L ONLY)					1DP
992	314 13:30:00	31				CFG CODES					1DP
993	314 15:49:33	31	10RISE			10.2 DEGREE RISE DSC-10					1V
994	314 18:20:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0687					1DP
995	314 19:25:39	31	60 SET			14.6 DEGREE SET DSC-60					1V
996	314 20:25:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0688 (D/L ONLY)					1DP
997	314 20:25:00	31				CFG CODES					1DP
998	314 23:15:06	31	40RISE			10.2 DEGREE RISE DSC-40					1V
999	315 00:00:00	31				VGR-31 OWLT IS 14H 04M 56S					1L
1000	315 02:20:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0688					1DP
1001	315 03:14:52	31	10 SET			10.2 DEGREE SET DSC-10					1V
1002	315 05:20:46	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		09521:23:002F	06-314/15:15:48	1ECd
1003	315 05:20:46	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1148	DTR		09521:23:002F	06-314/15:15:48	1ESd
1004	315 07:11:55	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09523:41:743F	06-314/17:06:56	1ECd



FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1019	315 08:22:23	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		09525:10:009F	06-314/18:17:24	1ECf
1020	315 08:23:07	31				BEGIN RECORDING PWS DATA			09525:10:734F	06-314/18:18:07	1T
1021	315 08:23:07	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		09525:10:735F	06-314/18:18:08	1ECd
1022	315 08:23:07	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:3549	DTR		09525:10:735F	06-314/18:18:08	1ESd
1023	315 08:23:11	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09525:11:001F	06-314/18:18:11	1ESf
1024	315 08:23:11	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		09525:11:002F	06-314/18:18:11	1ECs
1025	315 08:23:12	31				B- DRCRUS			09525:11:018F	06-314/18:18:12	1TB
1026	315 08:23:12	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		09525:11:026F	06-314/18:18:13	1ECf
1027	315 08:23:59	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09525:12:001F	06-314/18:18:59	1ESf

FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT 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	315 08:23:59	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		09525:12:002F	06-314/18:19:00	1ECs
1029	315 08:23:59	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09525:12:002F	06-314/18:19:00	1ECd
1030	315 08:23:59	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:3256	DTR		09525:12:002F	06-314/18:19:00	1ESd
1031	315 08:24:47	31			SC32AJ	(13) PLS CONFIG CMD	FDS		09525:13:009F	06-314/18:19:48	1ECF
1032	315 08:24:48	31				END PWSREC.31			09525:13:018F	06-314/18:19:48	1T
1033	315 10:30:24	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		09527:50:002F	06-314/20:25:24	1ECd
1034	315 10:30:24	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3250	DTR		09527:50:002F	06-314/20:25:24	1ESd
1035	315 12:00:00	31				VGR-31 OWLT IS 14H 05M 00S					1L
1036	315 12:07:40	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09529:51:472F	06-314/22:02:40	1ECd
1037	315 12:07:40	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1148	DTR		09529:51:472F	06-314/22:02:40	1ESd
1038	315 13:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0688 (D/L ONLY)					1DP
1039	315 13:30:00	31				CFG CODES					1DP
1040	315 13:30:25	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		09531:35:002F	06-314/23:25:24	1ECd

FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1041	315 13:30:25	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1148	DTR		09531:35:002F	06-314/23:25:24	1ESd
1042	315 15:45:40	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1043	315 18:15:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0688					1DP
1044	315 19:15:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0689 (D/L ONLY)					1DP
1045	315 19:15:00	31				CFG CODES					1DP
1046	315 19:21:47	31	60 SET			14.6 DEGREE SET DSC-60					1V
1047	315 23:00:52	31			AC7SSB	(4 +154) SS BIAS CONTROL --- YAW	AACS		09543:28:003F	06-315/08:55:48	1ECa
1048	315 23:11:12	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1049	316 00:00:00	31				VGR-31 OWLT IS 14H 05M 04S					1L
1050	316 02:15:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0689					1DP
1051	316 03:10:58	31	10 SET			10.2 DEGREE SET DSC-10					1V
1052	316 08:09:15	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1053	316 08:16:26	31	40 SET			10.2 DEGREE SET DSC-40					1V
1054	316 12:00:00	31				VGR-31 OWLT IS 14H 05M 08S					1L
1055	316 13:00:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0689 (D/L ONLY)					1DP
1056	316 13:00:00	31				CFG CODES					1DP
1057	316 15:41:47	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1058	316 18:10:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0689					1DP
1059	316 19:15:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0690 (D/L ONLY)					1DP
1060	316 19:15:00	31				CFG CODES					1DP



FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1061	316 19:17:53	31	60 SET			14.6 DEGREE SET DSC-60					1V
1062	316 23:07:17	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1063	317 00:00:00	31				VGR-31 OWLT IS 14H 05M 12S					1L
1064	317 03:07:04	31	10 SET			10.2 DEGREE SET DSC-10					1V
1065	317 03:25:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0690					1DP
1066	317 08:05:22	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1067	317 08:12:33	31	40 SET			10.2 DEGREE SET DSC-40					1V
1068	317 12:00:00	31				VGR-31 OWLT IS 14H 05M 15S					1L
1069	317 13:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0690 (D/L ONLY)					1DP
1070	317 13:30:00	31				CFG CODES					1DP
1071	317 15:37:53	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1072	317 18:05:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0690					1DP
1073	317 18:45:00	31	24 AOS	OPCH ACE		AOS DSS-24 PASS-0691 (D/L ONLY)					1DP
1074	317 18:45:00	31				CFG CODES					1DP
1075	317 19:14:01	31	60 SET			14.5 DEGREE SET DSC-60					1V
1076	317 23:03:23	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1077	318 00:00:00	31				VGR-31 OWLT IS 14H 05M 19S					1L
1078	318 00:10:00	31	24 LOS	OPCH ACE		LOS DSS-24 PASS-0691					1DP
1079	318 03:03:10	31	10 SET			10.2 DEGREE SET DSC-10					1V
1080	318 08:01:29	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1081	318 08:08:40	31	40 SET			10.2 DEGREE SET DSC-40					1V
1082	318 12:00:00	31				VGR-31 OWLT IS 14H 05M 23S					1L



FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1099	319 01:58:51	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		09637:10:009F	06-318/11:53:24	1ECf
1100	319 01:59:35	31				BEGIN RECORDING PWS DATA			09637:10:734F	06-318/11:54:07	1T
1101	319 01:59:35	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		09637:10:735F	06-318/11:54:08	1ECd
1102	319 01:59:35	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:1148	DTR		09637:10:735F	06-318/11:54:08	1ESd
1103	319 01:59:39	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09637:11:001F	06-318/11:54:11	1ESf
1104	319 01:59:39	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		09637:11:002F	06-318/11:54:11	1ECs
1105	319 01:59:40	31				B- DRCRUS			09637:11:018F	06-318/11:54:12	1TB
1106	319 01:59:40	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		09637:11:026F	06-318/11:54:13	1ECf
1107	319 02:00:27	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09637:12:001F	06-318/11:54:59	1ESf

FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1108	319 02:00:27	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		09637:12:002F	06-318/11:54:59	1ECs
1109	319 02:00:27	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09637:12:002F	06-318/11:55:00	1ECd
1110	319 02:00:27	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1441	DTR		09637:12:002F	06-318/11:55:00	1ESd
1111	319 02:01:15	31			SC32AJ	(13) PLS CONFIG CMD	FDS		09637:13:009F	06-318/11:55:48	1ECF
1112	319 02:01:16	31				END PWSREC.31			09637:13:018F	06-318/11:55:48	1T
1113	319 02:05:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0692					1DP
1114	319 02:59:16	31	10 SET			10.2 DEGREE SET DSC-10					1V
1115	319 07:57:36	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1116	319 08:04:47	31	40 SET			10.2 DEGREE SET DSC-40					1V
1117	319 12:00:00	31				VGR-31 OWLT IS 14H 05M 30S					1L
1118	319 13:55:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0692 (D/L ONLY)					1DP
1119	319 13:55:00	31				CFG CODES					1DP
1120	319 15:30:07	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1121	319 18:00:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0692					1DP
1122	319 19:00:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0693 (D/L ONLY)					1DP
1123	319 19:00:00	31				CFG CODES					1DP
1124	319 19:06:14	31	60 SET			14.5 DEGREE SET DSC-60					1V
1125	319 22:55:35	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1126	320 00:00:00	31				VGR-31 OWLT IS 14H 05M 34S					1L

FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT 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	320 02:00:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0693					1DP
1128	320 02:55:22	31	10 SET			10.2 DEGREE SET DSC-10					1V
1129	320 07:53:43	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1130	320 08:00:54	31	40 SET			10.2 DEGREE SET DSC-40					1V
1131	320 12:00:00	31				VGR-31 OWLT IS 14H 05M 38S					1L
1132	320 13:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0693 (D/L ONLY)					1DP
1133	320 13:30:00	31				CFG CODES					1DP
1134	320 15:26:14	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1135	320 17:55:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0693					1DP
1136	320 19:00:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0694 (D/L ONLY)					1DP
1137	320 19:00:00	31				CFG CODES					1DP
1138	320 19:02:22	31	60 SET			14.5 DEGREE SET DSC-60					1V
1139	320 22:51:41	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1140	321 00:00:00	31				VGR-31 OWLT IS 14H 05M 41S					1L
1141	321 00:55:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0694					1DP
1142	321 02:51:28	31	10 SET			10.2 DEGREE SET DSC-10					1V
1143	321 07:15:07	31			AC7SSB	(4 +155) SS BIAS CONTROL --- YAW	AACS		09703:45:003F	06-320/17:09:24	1ECa
1144	321 07:49:50	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1145	321 07:57:01	31	40 SET			10.2 DEGREE SET DSC-40					1V
1146	321 12:00:00	31				VGR-31 OWLT IS 14H 05M 45S					1L
1147	321 13:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0694 (D/L ONLY)					1DP
1148	321 13:30:00	31				CFG CODES					1DP





FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1179	322 08:00:03	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09734:41:001F	06-321/17:54:11	1ESf
1180	322 08:00:03	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		09734:41:002F	06-321/17:54:11	1ECs
1181	322 08:00:04	31				B- DRCRUS			09734:41:018F	06-321/17:54:12	1TB
1182	322 08:00:04	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		09734:41:026F	06-321/17:54:13	1ECf
1183	322 08:00:51	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09734:42:001F	06-321/17:54:59	1ESf
1184	322 08:00:51	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		09734:42:002F	06-321/17:55:00	1ECs
1185	322 08:00:51	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09734:42:002F	06-321/17:55:00	1ECd
1186	322 08:00:51	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:2957	DTR		09734:42:002F	06-321/17:55:00	1ESd
1187	322 08:01:39	31			SC32AJ	(13) PLS CONFIG CMD	FDS		09734:43:009F	06-321/17:55:48	1ECf
1188	322 08:01:40	31				END PWSREC.31			09734:43:018F	06-321/17:55:48	1T
1189	322 10:07:15	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		09737:20:002F	06-321/20:01:24	1ECd



FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1190	322 10:07:15	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2951	DTR		09737:20:002F	06-321/20:01:24	1ESd
1191	322 11:16:51	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09738:46:787F	06-321/21:10:59	1ECd
1192	322 11:16:51	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1447	DTR		09738:46:787F	06-321/21:10:59	1ESd
1193	322 12:00:00	31				VGR-31 OWLT IS 14H 05M 52S					1L
1194	322 13:07:16	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		09741:05:002F	06-321/23:01:24	1ECd
1195	322 13:07:16	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1447	DTR		09741:05:002F	06-321/23:01:24	1ESd
1196	322 13:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0695 (D/L ONLY)					1DP
1197	322 13:30:00	31				CFG CODES					1DP
1198	322 15:18:28	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1199	322 17:45:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0695					1DP
1200	322 18:45:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0696 (D/L ONLY)					1DP
1201	322 18:45:00	31				CFG CODES					1DP
1202	322 18:54:38	31	60 SET			14.5 DEGREE SET DSC-60					1V
1203	322 21:05:42	31			AC7SSB	(3 +012) SS BIAS CONTROL - PITCH	AACS		09751:03:002F	06-322/06:59:48	1ECa
1204	322 22:43:53	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1205	323 00:00:00	31				VGR-31 OWLT IS 14H 05M 55S					1L

FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1206	323 01:50:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0696					1DP
1207	323 02:43:40	31	10 SET			10.2 DEGREE SET DSC-10					1V
1208	323 07:42:04	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1209	323 07:49:15	31	40 SET			10.2 DEGREE SET DSC-40					1V
1210	323 12:00:00	31				VGR-31 OWLT IS 14H 05M 59S					1L
1211	323 13:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0696 (D/L ONLY)					1DP
1212	323 13:30:00	31				CFG CODES					1DP
1213	323 15:14:35	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1214	323 17:45:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0696					1DP
1215	323 18:30:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0697 (D/L ONLY)					1DP
1216	323 18:30:00	31				CFG CODES					1DP
1217	323 18:50:44	31	60 SET			14.5 DEGREE SET DSC-60					1V
1218	323 22:39:59	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1219	324 00:00:00	31				VGR-31 OWLT IS 14H 06M 02S					1L
1220	324 01:45:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0697					1DP
1221	324 02:39:46	31	10 SET			10.2 DEGREE SET DSC-10					1V
1222	324 07:38:11	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1223	324 07:45:22	31	40 SET			10.2 DEGREE SET DSC-40					1V
1224	324 12:00:00	31				VGR-31 OWLT IS 14H 06M 05S					1L
1225	324 15:10:42	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1226	324 18:46:52	31	60 SET			14.5 DEGREE SET DSC-60					1V
1227	324 22:36:05	31	40RISE			10.2 DEGREE RISE DSC-40					1V



FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1245	326 01:36:24	31				BEGIN RECORDING PWS DATA			09846:40:734F	06-325/11:30:07	1T
1246	326 01:36:24	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		09846:40:735F	06-325/11:30:08	1ECd
1247	326 01:36:24	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:1447	DTR		09846:40:735F	06-325/11:30:08	1ESd
1248	326 01:36:28	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09846:41:001F	06-325/11:30:11	1ESf
1249	326 01:36:28	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		09846:41:002F	06-325/11:30:11	1ECs
1250	326 01:36:29	31				B- DRCRUS			09846:41:018F	06-325/11:30:12	1TB
1251	326 01:36:29	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		09846:41:026F	06-325/11:30:13	1ECf
1252	326 01:37:16	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09846:42:001F	06-325/11:30:59	1ESF
1253	326 01:37:16	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		09846:42:002F	06-325/11:30:59	1ECs
1254	326 01:37:16	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09846:42:002F	06-325/11:31:00	1ECd

FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1255	326 01:37:16	31					DTR		09846:42:002F	06-325/11:31:00	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1740					
1256	326 01:38:04	31			SC32AJ	(13) PLS CONFIG CMD	FDS		09846:43:009F	06-325/11:31:48	1ECf
1257	326 01:38:05	31				END PWSREC.31			09846:43:018F	06-325/11:31:48	1T
1258	326 02:31:58	31	10 SET			10.2 DEGREE SET DSC-10					1V
1259	326 07:30:25	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1260	326 07:37:36	31	40 SET			10.2 DEGREE SET DSC-40					1V
1261	326 12:00:00	31				VGR-31 OWLT IS 14H 06M 19S					1L
1262	326 15:02:56	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1263	326 15:29:20	31			AC7SSB	(4 +156) SS BIAS CONTROL --- YAW	AACS		09864:02:003F	06-326/01:23:00	1ECa
1264	326 18:39:05	31	60 SET			14.5 DEGREE SET DSC-60					1V
1265	326 22:28:17	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1266	327 00:00:00	31				VGR-31 OWLT IS 14H 06M 22S					1L
1267	327 02:28:04	31	10 SET			10.2 DEGREE SET DSC-10					1V
1268	327 07:26:32	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1269	327 07:33:43	31	40 SET			10.2 DEGREE SET DSC-40					1V
1270	327 12:00:00	31				VGR-31 OWLT IS 14H 06M 25S					1L
1271	327 14:59:03	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1272	327 18:35:13	31	60 SET			14.5 DEGREE SET DSC-60					1V
1273	327 22:24:23	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1274	328 00:00:00	31				VGR-31 OWLT IS 14H 06M 28S					1L
1275	328 02:24:10	31	10 SET			10.2 DEGREE SET DSC-10					1V





FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1306	329 07:36:48	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	09944:11:001F	06-328/17:30:11	1ESf
1307	329 07:36:48	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		09944:11:002F	06-328/17:30:11	1ECs
1308	329 07:36:49	31				B- DRCRUS			09944:11:018F	06-328/17:30:12	1TB
1309	329 07:36:49	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		09944:11:026F	06-328/17:30:13	1ECf
1310	329 07:37:36	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	09944:12:001F	06-328/17:30:59	1ESf
1311	329 07:37:36	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		09944:12:002F	06-328/17:30:59	1ECs
1312	329 07:37:36	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09944:12:002F	06-328/17:31:00	1ECd
1313	329 07:37:36	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:2658	DTR		09944:12:002F	06-328/17:31:00	1ESd
1314	329 07:38:24	31			SC32AJ	(13) PLS CONFIG CMD	FDS		09944:13:009F	06-328/17:31:48	1ECf
1315	329 07:38:25	31				END PWSREC.31			09944:13:018F	06-328/17:31:48	1T
1316	329 09:44:01	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		09946:50:002F	06-328/19:37:24	1ECd



FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1317	329 09:44:01	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2652	DTR		09946:50:002F	06-328/19:37:24	1ESd
1318	329 10:25:55	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		09947:42:303F	06-328/20:19:18	1ECd
1319	329 10:25:55	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1746	DTR		09947:42:303F	06-328/20:19:18	1ESd
1320	329 12:00:00	31				VGR-31 OWLT IS 14H 06M 38S					1L
1321	329 12:44:02	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		09950:35:002F	06-328/22:37:24	1ECd
1322	329 12:44:02	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1746	DTR		09950:35:002F	06-328/22:37:24	1ESd
1323	329 14:51:17	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1324	329 18:27:27	31	60 SET			14.5 DEGREE SET DSC-60					1V
1325	329 22:16:35	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1326	330 00:00:00	31				VGR-31 OWLT IS 14H 06M 41S					1L
1327	330 02:16:23	31	10 SET			10.2 DEGREE SET DSC-10					1V
1328	330 07:14:53	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1329	330 07:22:04	31	40 SET			10.2 DEGREE SET DSC-40					1V
1330	330 12:00:00	31				VGR-31 OWLT IS 14H 06M 44S					1L
1331	330 14:47:23	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1332	330 18:23:35	31	60 SET			14.5 DEGREE SET DSC-60					1V
1333	330 22:12:41	31	40RISE			10.2 DEGREE RISE DSC-40					1V





FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1366	333 01:13:12	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		10056:11:026F	06-332/11:06:13	1ECf
1367	333 01:13:59	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	10056:12:001F	06-332/11:06:59	1ESf
1368	333 01:13:59	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		10056:12:002F	06-332/11:06:59	1ECs
1369	333 01:13:59	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		10056:12:002F	06-332/11:07:00	1ECd
1370	333 01:13:59	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2039	DTR		10056:12:002F	06-332/11:07:00	1ESd
1371	333 01:14:47	31			SC32AJ	(13) PLS CONFIG CMD	FDS		10056:13:009F	06-332/11:07:48	1ECf
1372	333 01:14:48	31				END PWSREC.31			10056:13:018F	06-332/11:07:48	1T
1373	333 02:04:42	31	10 SET			10.2 DEGREE SET DSC-10					1V
1374	333 07:03:14	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1375	333 07:10:25	31	40 SET			10.2 DEGREE SET DSC-40					1V
1376	333 12:00:00	31				VGR-31 OWLT IS 14H 07M 01S					1L
1377	333 14:35:44	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1378	333 16:56:26	31			AC7SSB	(3 +010) SS BIAS CONTROL - PITCH	AACS		10075:50:003F	06-333/02:49:24	1ECa
1379	333 18:11:57	31	60 SET			14.5 DEGREE SET DSC-60					1V
1380	333 22:01:00	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1381	334 00:00:00	31				VGR-31 OWLT IS 14H 07M 04S					1L

FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1382	334 02:00:48	31	10	SET		10.2 DEGREE SET DSC-10					1V
1383	334 06:59:21	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
1384	334 07:06:32	31	40	SET		10.2 DEGREE SET DSC-40					1V
1385	334 12:00:00	31				VGR-31 OWLT IS 14H 07M 07S					1L
1386	334 14:31:51	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
1387	334 18:08:04	31	60	SET		14.5 DEGREE SET DSC-60					1V
1388	334 21:57:06	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
1389	335 00:00:00	31				VGR-31 OWLT IS 14H 07M 09S					1L
1390	335 01:56:54	31	10	SET		10.2 DEGREE SET DSC-10					1V
1391	335 06:55:27	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
1392	335 07:02:39	31	40	SET		10.2 DEGREE SET DSC-40					1V
1393	335 12:00:00	31				VGR-31 OWLT IS 14H 07M 12S					1L
1394	335 14:27:58	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
1395	335 18:04:10	31	60	SET		14.5 DEGREE SET DSC-60					1V
1396	335 21:53:13	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
1397	336 00:00:00	31				VGR-31 OWLT IS 14H 07M 15S					1L
1398	336 01:53:01	31	10	SET		10.2 DEGREE SET DSC-10					1V
1399	336 04:11:04	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		10149:53:002F	06-335/14:03:48	1ECd
1400	336 04:11:04	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:2045	DTR		10149:53:002F	06-335/14:03:48	1ESd
1401	336 04:39:07	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		10150:28:060F	06-335/14:31:51	1ECd



FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1416	336 07:12:40	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		10153:40:009F	06-335/17:05:24	1ECf
1417	336 07:13:24	31				BEGIN RECORDING PWS DATA			10153:40:734F	06-335/17:06:07	1T
1418	336 07:13:24	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		10153:40:735F	06-335/17:06:08	1ECd
1419	336 07:13:24	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:2652	DTR		10153:40:735F	06-335/17:06:08	1ESd
1420	336 07:13:28	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	10153:41:001F	06-335/17:06:11	1ESf
1421	336 07:13:28	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		10153:41:002F	06-335/17:06:11	1ECs
1422	336 07:13:29	31				B- DRCRUS			10153:41:018F	06-335/17:06:12	1TB
1423	336 07:13:29	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		10153:41:026F	06-335/17:06:13	1ECf
1424	336 07:14:16	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	10153:42:001F	06-335/17:06:59	1ESf

FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1425	336 07:14:16	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		10153:42:002F	06-335/17:07:00	1ECs
1426	336 07:14:16	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		10153:42:002F	06-335/17:07:00	1ECd
1427	336 07:14:16	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:2359	DTR		10153:42:002F	06-335/17:07:00	1ESd
1428	336 07:15:04	31			SC32AJ	(13) PLS CONFIG CMD	FDS		10153:43:009F	06-335/17:07:48	1ECF
1429	336 07:15:05	31				END PWSREC.31			10153:43:018F	06-335/17:07:48	1T
1430	336 09:20:41	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		10156:20:002F	06-335/19:13:24	1ECd
1431	336 09:20:41	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2353	DTR		10156:20:002F	06-335/19:13:24	1ESd
1432	336 09:34:54	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		10156:37:617F	06-335/19:27:36	1ECd
1433	336 09:34:54	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2045	DTR		10156:37:617F	06-335/19:27:36	1ESd
1434	336 12:00:00	31				VGR-31 OWLT IS 14H 07M 17S					1L
1435	336 12:20:42	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		10160:05:002F	06-335/22:13:24	1ECd
1436	336 12:20:42	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2045	DTR		10160:05:002F	06-335/22:13:24	1ESd
1437	336 14:24:05	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1438	336 18:00:18	31	60 SET			14.5 DEGREE SET DSC-60					1V



FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1439	336 21:49:19	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1440	337 00:00:00	31				VGR-31 OWLT IS 14H 07M 20S					1L
1441	337 01:49:07	31	10 SET			10.2 DEGREE SET DSC-10					1V
1442	337 06:47:41	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1443	337 06:54:53	31	40 SET			10.2 DEGREE SET DSC-40					1V
1444	337 07:57:34	31			AC7SSB	(4 +158) SS BIAS CONTROL --- YAW	AACS		10184:36:003F	06-336/17:50:12	1ECa
1445	337 12:00:00	31				VGR-31 OWLT IS 14H 07M 23S					1L
1446	337 14:20:12	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1447	337 17:56:24	31	60 SET			14.5 DEGREE SET DSC-60					1V
1448	337 21:45:25	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1449	338 00:00:00	31				VGR-31 OWLT IS 14H 07M 25S					1L
1450	338 01:45:14	31	10 SET			10.2 DEGREE SET DSC-10					1V
1451	338 06:43:48	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1452	338 06:51:00	31	40 SET			10.2 DEGREE SET DSC-40					1V
1453	338 12:00:00	31				VGR-31 OWLT IS 14H 07M 28S					1L
1454	338 14:16:18	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1455	338 17:52:32	31	60 SET			14.5 DEGREE SET DSC-60					1V
1456	338 21:05:42	31			AC7SSB	(3 +009) SS BIAS CONTROL - PITCH	AACS		10231:01:003F	06-338/06:58:12	1ECa
1457	338 21:41:32	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1458	339 00:00:00	31				VGR-31 OWLT IS 14H 07M 30S					1L
1459	339 01:41:20	31	10 SET			10.2 DEGREE SET DSC-10					1V
1460	339 06:39:55	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1461	339 06:47:07	31	40 SET			10.2 DEGREE SET DSC-40					1V



FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1477	340 00:49:43	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:2045	DTR		10265:40:735F	06-339/10:42:08	1ESd
1478	340 00:49:47	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	10265:41:001F	06-339/10:42:11	1ESf
1479	340 00:49:47	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		10265:41:002F	06-339/10:42:11	1ECs
1480	340 00:49:48	31				B- DRCRUS			10265:41:018F	06-339/10:42:12	1TB
1481	340 00:49:48	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		10265:41:026F	06-339/10:42:13	1ECf
1482	340 00:50:35	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	10265:42:001F	06-339/10:42:59	1ESf
1483	340 00:50:35	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		10265:42:002F	06-339/10:42:59	1ECs
1484	340 00:50:35	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		10265:42:002F	06-339/10:43:00	1ECd
1485	340 00:50:35	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2338	DTR		10265:42:002F	06-339/10:43:00	1ESd





FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT 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	341 00:00:00	31				VGR-31 OWLT IS 14H 07M 40S					1L
1515	341 01:33:33	31	10	SET		10.2 DEGREE SET DSC-10					1V
1516	341 06:32:09	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
1517	341 06:39:20	31	40	SET		10.2 DEGREE SET DSC-40					1V
1518	341 12:00:00	31				VGR-31 OWLT IS 14H 07M 42S					1L
1519	341 14:04:39	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
1520	341 17:40:53	31	60	SET		14.5 DEGREE SET DSC-60					1V
1521	341 21:29:51	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
1522	342 00:00:00	31				VGR-31 OWLT IS 14H 07M 45S					1L
1523	342 01:29:39	31	10	SET		10.2 DEGREE SET DSC-10					1V
1524	342 06:28:15	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
1525	342 06:35:27	31	40	SET		10.2 DEGREE SET DSC-40					1V
1526	342 12:00:00	31				VGR-31 OWLT IS 14H 07M 47S					1L
1527	342 14:00:46	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
1528	342 16:11:36	31			AC7SSB	(4 +159) SS BIAS CONTROL --- YAW	AACS		10344:53:003F	06-342/02:03:48	1ECa
1529	342 17:36:59	31	60	SET		14.5 DEGREE SET DSC-60					1V
1530	342 21:25:58	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
1531	343 00:00:00	31				VGR-31 OWLT IS 14H 07M 49S					1L
1532	343 01:25:46	31	10	SET		10.2 DEGREE SET DSC-10					1V
1533	343 03:47:38	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		10359:23:002F	06-342/13:39:48	1ECd
1534	343 03:47:38	31					DTR		10359:23:002F	06-342/13:39:48	1ESd
						DTR STATUS					
						MODE:SLEW	RATE:007.2K				
						DIR:F	TRK:1	TIC:2344			



FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1550	343 06:49:14	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		10363:10:009F	06-342/16:41:24	1ECf
1551	343 06:49:58	31				BEGIN RECORDING PWS DATA			10363:10:734F	06-342/16:42:07	1T
1552	343 06:49:58	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		10363:10:735F	06-342/16:42:08	1ECd
1553	343 06:49:58	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:2353	DTR		10363:10:735F	06-342/16:42:08	1ESd
1554	343 06:50:02	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	10363:11:001F	06-342/16:42:11	1ESf
1555	343 06:50:02	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		10363:11:002F	06-342/16:42:11	1ECs
1556	343 06:50:03	31				B- DRCRUS			10363:11:018F	06-342/16:42:12	1TB
1557	343 06:50:03	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		10363:11:026F	06-342/16:42:13	1ECf
1558	343 06:50:50	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	10363:12:001F	06-342/16:42:59	1ESf



FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT 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	343 06:50:50	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		10363:12:002F	06-342/16:43:00	1ECs
1560	343 06:50:50	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		10363:12:002F	06-342/16:43:00	1ECd
1561	343 06:50:50	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:2060	DTR		10363:12:002F	06-342/16:43:00	1ESd
1562	343 06:51:38	31			SC32AJ	(13) PLS CONFIG CMD	FDS		10363:13:009F	06-342/16:43:48	1ECF
1563	343 06:51:39	31				END PWSREC.31			10363:13:018F	06-342/16:43:48	1T
1564	343 08:57:15	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		10365:50:002F	06-342/18:49:24	1ECd
1565	343 08:57:15	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:2054	DTR		10365:50:002F	06-342/18:49:24	1ESd
1566	343 09:10:40	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		10366:06:623F	06-342/19:02:49	1ECd
1567	343 09:10:40	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2344	DTR		10366:06:623F	06-342/19:02:49	1ESd
1568	343 11:57:15	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		10369:35:002F	06-342/21:49:24	1ECd
1569	343 12:00:00	31				VGR-31 OWLT IS 14H 07M 51S					1L
1570	343 13:56:52	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1571	343 17:33:07	31	60 SET			14.5 DEGREE SET DSC-60					1V
1572	343 21:22:04	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1573	344 00:00:00	31				VGR-31 OWLT IS 14H 07M 54S					1L
1574	344 01:14:54	31			AC7SSB	(3 +008) SS BIAS CONTROL - PITCH	AACS		10386:12:003F	06-343/11:07:00	1ECa

FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1575	344 01:21:52	31	10 SET			10.2 DEGREE SET DSC-10					1V
1576	344 06:20:29	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1577	344 06:27:41	31	40 SET			10.2 DEGREE SET DSC-40					1V
1578	344 12:00:00	31				VGR-31 OWLT IS 14H 07M 56S					1L
1579	344 13:52:59	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1580	344 17:29:12	31	60 SET			14.5 DEGREE SET DSC-60					1V
1581	344 21:18:11	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1582	345 00:00:00	31				VGR-31 OWLT IS 14H 07M 58S					1L
1583	345 01:17:59	31	10 SET			10.2 DEGREE SET DSC-10					1V
1584	345 06:16:36	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1585	345 06:23:47	31	40 SET			10.2 DEGREE SET DSC-40					1V
1586	345 12:00:00	31				VGR-31 OWLT IS 14H 08M 00S					1L
1587	345 13:49:06	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1588	345 17:25:20	31	60 SET			14.5 DEGREE SET DSC-60					1V
1589	345 21:14:17	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1590	346 00:00:00	31				VGR-31 OWLT IS 14H 08M 02S					1L
1591	346 01:14:06	31	10 SET			10.2 DEGREE SET DSC-10					1V
1592	346 06:12:42	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1593	346 06:19:54	31	40 SET			10.2 DEGREE SET DSC-40					1V
1594	346 12:00:00	31				VGR-31 OWLT IS 14H 08M 04S					1L
1595	346 13:45:12	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1596	346 17:21:26	31	60 SET			14.5 DEGREE SET DSC-60					1V
1597	346 21:10:24	31	40RISE			10.2 DEGREE RISE DSC-40					1V



FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1610	347 00:26:18	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	10475:11:001F	06-346/10:18:11	1ESf
1611	347 00:26:18	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		10475:11:002F	06-346/10:18:11	1ECs
1612	347 00:26:19	31				B- DRCRUS			10475:11:018F	06-346/10:18:12	1TB
1613	347 00:26:19	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		10475:11:026F	06-346/10:18:13	1ECf
1614	347 00:27:06	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	10475:12:001F	06-346/10:18:59	1ESf
1615	347 00:27:06	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		10475:12:002F	06-346/10:19:00	1ECs
1616	347 00:27:06	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		10475:12:002F	06-346/10:19:00	1ECd
1617	347 00:27:06	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2636	DTR		10475:12:002F	06-346/10:19:00	1ESd
1618	347 00:27:54	31			SC32AJ	(13) PLS CONFIG CMD	FDS		10475:13:009F	06-346/10:19:48	1ECf
1619	347 00:27:55	31				END PWSREC.31			10475:13:018F	06-346/10:19:48	1T
1620	347 01:10:12	31	10	SET		10.2 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1621	347 06:08:49	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1622	347 06:16:01	31	40 SET			10.2 DEGREE SET DSC-40					1V
1623	347 12:00:00	31				VGR-31 OWLT IS 14H 08M 08S					1L
1624	347 13:41:19	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1625	347 17:17:34	31	60 SET			14.5 DEGREE SET DSC-60					1V
1626	347 21:06:30	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1627	348 00:00:00	31				VGR-31 OWLT IS 14H 08M 10S					1L
1628	348 00:25:34	31			AC7SSB	(4 +160) SS BIAS CONTROL --- YAW	AACS		10505:10:002F	06-347/10:17:24	1ECa
1629	348 01:06:19	31	10 SET			10.2 DEGREE SET DSC-10					1V
1630	348 06:04:56	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1631	348 06:12:08	31	40 SET			10.2 DEGREE SET DSC-40					1V
1632	348 12:00:00	31				VGR-31 OWLT IS 14H 08M 12S					1L
1633	348 13:37:26	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1634	348 17:13:40	31	60 SET			14.5 DEGREE SET DSC-60					1V
1635	348 21:02:37	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1636	349 00:00:00	31				VGR-31 OWLT IS 14H 08M 14S					1L
1637	349 01:02:25	31	10 SET			10.2 DEGREE SET DSC-10					1V
1638	349 05:24:03	31			AC7SSB	(3 +007) SS BIAS CONTROL - PITCH	AACS		10541:23:003F	06-348/15:15:48	1ECa
1639	349 06:01:03	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1640	349 06:08:14	31	40 SET			10.2 DEGREE SET DSC-40					1V
1641	349 12:00:00	31				VGR-31 OWLT IS 14H 08M 16S					1L
1642	349 13:33:32	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1643	349 17:09:48	31	60 SET			14.5 DEGREE SET DSC-60					1V



FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT 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	350 06:24:06	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:2054	DTR		10572:38:002F	06-349/16:15:48	1ESd
1659	350 06:24:54	31				AHELII PWSREC 06			10572:39:001F	06-349/16:16:35	1T
1660	350 06:24:54	31				B- PWSREC.31			10572:39:001F	06-349/16:16:35	1TB
1661	350 06:24:54	31				BEGIN PWSREC.31			10572:39:001F	06-349/16:16:35	1T
1662	350 06:24:54	31			SC32AJ	(10) PLS CONFIG CMD	FDS		10572:39:009F	06-349/16:16:36	1ECf
1663	350 06:25:42	31				B- DRGS4B			10572:40:001F	06-349/16:17:23	1TB
1664	350 06:25:42	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		10572:40:009F	06-349/16:17:24	1ECf
1665	350 06:26:26	31				BEGIN RECORDING PWS DATA			10572:40:734F	06-349/16:18:07	1T
1666	350 06:26:26	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		10572:40:735F	06-349/16:18:08	1ECd
1667	350 06:26:26	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:2054	DTR		10572:40:735F	06-349/16:18:08	1ESd
1668	350 06:26:30	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	10572:41:001F	06-349/16:18:11	1ESf
1669	350 06:26:30	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		10572:41:002F	06-349/16:18:11	1ECs
1670	350 06:26:31	31				B- DRCRUS			10572:41:018F	06-349/16:18:12	1TB

FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1671	350 06:26:31	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		10572:41:026F	06-349/16:18:13	1ECf
1672	350 06:27:18	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	10572:42:001F	06-349/16:18:59	1ESf
1673	350 06:27:18	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		10572:42:002F	06-349/16:19:00	1ECs
1674	350 06:27:18	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		10572:42:002F	06-349/16:19:00	1ECd
1675	350 06:27:18	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:1762	DTR		10572:42:002F	06-349/16:19:00	1ESd
1676	350 06:28:06	31			SC32AJ	(13) PLS CONFIG CMD	FDS		10572:43:009F	06-349/16:19:48	1ECf
1677	350 06:28:07	31				END PWSREC.31			10572:43:018F	06-349/16:19:48	1T
1678	350 08:33:43	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		10575:20:002F	06-349/18:25:24	1ECd
1679	350 08:33:43	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1755	DTR		10575:20:002F	06-349/18:25:24	1ESd
1680	350 09:14:48	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		10576:11:281F	06-349/19:06:28	1ECd
1681	350 09:14:48	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2643	DTR		10576:11:281F	06-349/19:06:28	1ESd
1682	350 11:33:43	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		10579:05:002F	06-349/21:25:24	1ECd













FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT 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	354 00:02:43	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	10684:41:001F	06-353/09:54:11	1ESf
1758	354 00:02:43	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		10684:41:002F	06-353/09:54:11	1ECs
1759	354 00:02:44	31				B- DRCRUS			10684:41:018F	06-353/09:54:12	1TB
1760	354 00:02:44	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		10684:41:026F	06-353/09:54:13	1ECf
1761	354 00:03:31	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	10684:42:001F	06-353/09:54:59	1ESf
1762	354 00:03:31	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		10684:42:002F	06-353/09:54:59	1ECs
1763	354 00:03:31	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		10684:42:002F	06-353/09:55:00	1ECd
1764	354 00:03:31	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2935	DTR		10684:42:002F	06-353/09:55:00	1ESd
1765	354 00:04:19	31			SC32AJ	(13) PLS CONFIG CMD	FDS		10684:43:009F	06-353/09:55:48	1ECf
1766	354 00:04:20	31				END PWSREC.31			10684:43:018F	06-353/09:55:48	1T
1767	354 00:42:58	31	10	SET		10.2 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1768	354 05:41:35	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1769	354 05:48:47	31	40 SET			10.2 DEGREE SET DSC-40					1V
1770	354 09:33:08	31			AC7SSB	(3 +006) SS BIAS CONTROL - PITCH	AACS		10696:34:003F	06-353/19:24:36	1ECa
1771	354 12:00:00	31				VGR-31 OWLT IS 14H 08M 32S					1L
1772	354 13:14:05	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1773	354 16:50:18	31	60 SET			14.5 DEGREE SET DSC-60					1V
1774	354 20:39:17	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1775	355 00:00:00	31				VGR-31 OWLT IS 14H 08M 34S					1L
1776	355 00:39:05	31	10 SET			10.2 DEGREE SET DSC-10					1V
1777	355 05:37:42	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1778	355 05:44:54	31	40 SET			10.2 DEGREE SET DSC-40					1V
1779	355 12:00:00	31				VGR-31 OWLT IS 14H 08M 35S					1L
1780	355 13:10:12	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1781	355 16:46:26	31	60 SET			14.5 DEGREE SET DSC-60					1V
1782	355 20:35:23	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1783	356 00:00:00	31				VGR-31 OWLT IS 14H 08M 37S					1L
1784	356 00:35:12	31	10 SET			10.2 DEGREE SET DSC-10					1V
1785	356 05:33:48	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1786	356 05:41:00	31	40 SET			10.2 DEGREE SET DSC-40					1V
1787	356 12:00:00	31				VGR-31 OWLT IS 14H 08M 38S					1L
1788	356 13:06:18	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1789	356 16:42:32	31	60 SET			14.5 DEGREE SET DSC-60					1V
1790	356 20:31:30	31	40RISE			10.2 DEGREE RISE DSC-40					1V





FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1804	357 06:00:28	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:1755	DTR		10782:08:002F	06-356/15:51:48	1ESd
1805	357 06:01:16	31				AHELII PWSREC 07			10782:09:001F	06-356/15:52:35	1T
1806	357 06:01:16	31				B- PWSREC.31			10782:09:001F	06-356/15:52:35	1TB
1807	357 06:01:16	31				BEGIN PWSREC.31			10782:09:001F	06-356/15:52:35	1T
1808	357 06:01:16	31			SC32AJ	(10) PLS CONFIG CMD	FDS		10782:09:009F	06-356/15:52:36	1ECf
1809	357 06:02:04	31				B- DRGS4B			10782:10:001F	06-356/15:53:23	1TB
1810	357 06:02:04	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		10782:10:009F	06-356/15:53:24	1ECf
1811	357 06:02:48	31				BEGIN RECORDING PWS DATA			10782:10:734F	06-356/15:54:07	1T
1812	357 06:02:48	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		10782:10:735F	06-356/15:54:08	1ECd
1813	357 06:02:48	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:1755	DTR		10782:10:735F	06-356/15:54:08	1ESd
1814	357 06:02:52	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	10782:11:001F	06-356/15:54:11	1ESf
1815	357 06:02:52	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		10782:11:002F	06-356/15:54:12	1ECs
1816	357 06:02:53	31				B- DRCRUS			10782:11:018F	06-356/15:54:12	1TB

FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1817	357 06:02:53	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		10782:11:026F	06-356/15:54:13	1ECf
1818	357 06:03:40	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	10782:12:001F	06-356/15:54:59	1ESf
1819	357 06:03:40	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		10782:12:002F	06-356/15:55:00	1ECs
1820	357 06:03:40	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		10782:12:002F	06-356/15:55:00	1ECd
1821	357 06:03:40	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:1463	DTR		10782:12:002F	06-356/15:55:00	1ESd
1822	357 06:04:28	31			SC32AJ	(13) PLS CONFIG CMD	FDS		10782:13:009F	06-356/15:55:48	1ECf
1823	357 06:04:29	31				END PWSREC.31			10782:13:018F	06-356/15:55:48	1T
1824	357 08:10:05	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		10784:50:002F	06-356/18:01:24	1ECd
1825	357 08:10:05	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1456	DTR		10784:50:002F	06-356/18:01:24	1ESd
1826	357 09:18:51	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		10786:15:766F	06-356/19:10:09	1ECd
1827	357 09:18:51	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2942	DTR		10786:15:766F	06-356/19:10:09	1ESd
1828	357 11:10:05	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		10788:35:002F	06-356/21:01:24	1ECd

FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1829	357 12:00:00	31				VGR-31 OWLT IS 14H 08M 41S					1L
1830	357 13:02:25	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1831	357 16:38:40	31	60 SET			14.5 DEGREE SET DSC-60					1V
1832	357 20:27:37	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1833	358 00:00:00	31				VGR-31 OWLT IS 14H 08M 42S					1L
1834	358 00:27:25	31	10 SET			10.2 DEGREE SET DSC-10					1V
1835	358 05:26:01	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1836	358 05:33:13	31	40 SET			10.2 DEGREE SET DSC-40					1V
1837	358 12:00:00	31				VGR-31 OWLT IS 14H 08M 44S					1L
1838	358 12:58:31	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1839	358 16:34:45	31	60 SET			14.5 DEGREE SET DSC-60					1V
1840	358 20:23:44	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1841	359 00:00:00	31				VGR-31 OWLT IS 14H 08M 45S					1L
1842	359 00:23:32	31	10 SET			10.2 DEGREE SET DSC-10					1V
1843	359 05:22:08	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1844	359 05:29:19	31	40 SET			10.2 DEGREE SET DSC-40					1V
1845	359 12:00:00	31				VGR-31 OWLT IS 14H 08M 46S					1L
1846	359 12:54:38	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1847	359 13:42:10	31			AC7SSB	(3 +005) SS BIAS CONTROL - PITCH	AACS		10851:45:003F	06-358/23:33:24	1ECa
1848	359 16:30:51	31	60 SET			14.5 DEGREE SET DSC-60					1V
1849	359 20:19:50	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1850	360 00:00:00	31				VGR-31 OWLT IS 14H 08M 48S					1L
1851	360 00:19:39	31	10 SET			10.2 DEGREE SET DSC-10					1V



FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1868	360 23:38:58	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:2942	DTR		10894:10:735F	06-360/09:30:08	1ESd
1869	360 23:39:02	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	10894:11:001F	06-360/09:30:11	1ESf
1870	360 23:39:02	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		10894:11:002F	06-360/09:30:11	1ECs
1871	360 23:39:03	31				B- DRCRUS			10894:11:018F	06-360/09:30:12	1TB
1872	360 23:39:03	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		10894:11:026F	06-360/09:30:13	1ECf
1873	360 23:39:50	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	10894:12:001F	06-360/09:30:59	1ESf
1874	360 23:39:50	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		10894:12:002F	06-360/09:31:00	1ECs
1875	360 23:39:50	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		10894:12:002F	06-360/09:31:00	1ECd
1876	360 23:39:50	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3234	DTR		10894:12:002F	06-360/09:31:00	1ESd

FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1877	360 23:40:38	31			SC32AJ	(13) PLS CONFIG CMD	FDS		10894:13:009F	06-360/09:31:48	1ECf
1878	360 23:40:39	31				END PWSREC.31			10894:13:018F	06-360/09:31:48	1T
1879	361 00:00:00	31				VGR-31 OWLT IS 14H 08M 50S					1L
1880	361 00:15:45	31	10	SET		10.2 DEGREE SET DSC-10					1V
1881	361 05:14:20	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
1882	361 05:21:32	31	40	SET		10.2 DEGREE SET DSC-40					1V
1883	361 12:00:00	31				VGR-31 OWLT IS 14H 08M 51S					1L
1884	361 12:46:50	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
1885	361 16:23:04	31	60	SET		14.5 DEGREE SET DSC-60					1V
1886	361 20:12:04	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
1887	362 00:00:00	31				VGR-31 OWLT IS 14H 08M 52S					1L
1888	362 00:11:52	31	10	SET		10.2 DEGREE SET DSC-10					1V
1889	362 05:10:27	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
1890	362 05:17:38	31	40	SET		10.2 DEGREE SET DSC-40					1V
1891	362 12:00:00	31				VGR-31 OWLT IS 14H 08M 53S					1L
1892	362 12:42:57	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
1893	362 16:19:10	31	60	SET		14.5 DEGREE SET DSC-60					1V
1894	362 20:08:10	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
1895	363 00:00:00	31				VGR-31 OWLT IS 14H 08M 54S					1L
1896	363 00:07:59	31	10	SET		10.2 DEGREE SET DSC-10					1V
1897	363 05:06:33	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
1898	363 05:13:45	31	40	SET		10.2 DEGREE SET DSC-40					1V
1899	363 12:00:00	31				VGR-31 OWLT IS 14H 08M 55S					1L







FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1928	364 05:39:09	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		10991:41:002F	06-363/15:30:11	1ECs
1929	364 05:39:10	31				B- DRCRUS			10991:41:018F	06-363/15:30:12	1TB
1930	364 05:39:10	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		10991:41:026F	06-363/15:30:13	1ECF
1931	364 05:39:57	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	10991:42:001F	06-363/15:30:59	1ESF
1932	364 05:39:57	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		10991:42:002F	06-363/15:31:00	1ECs
1933	364 05:39:57	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		10991:42:002F	06-363/15:31:00	1ECd
1934	364 05:39:57	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:1164	DTR		10991:42:002F	06-363/15:31:00	1ESd
1935	364 05:40:45	31			SC32AJ	(13) PLS CONFIG CMD	FDS		10991:43:009F	06-363/15:31:48	1ECf
1936	364 05:40:46	31				END PWSREC.31			10991:43:018F	06-363/15:31:48	1T
1937	364 07:46:21	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		10994:20:002F	06-363/17:37:24	1ECd
1938	364 07:46:21	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1157	DTR		10994:20:002F	06-363/17:37:24	1ESd
1939	364 09:22:48	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		10996:20:452F	06-363/19:13:50	1ECd

FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1940	364 09:22:48	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3241	DTR		10996:20:452F	06-363/19:13:50	1ESd
1941	364 10:46:21	31			CC16C	(7011) DTR STATE SELECT: READY	DTR		10998:05:002F	06-363/20:37:24	1ECd
1942	364 12:00:00	31				VGR-31 OWLT IS 14H 08M 57S					1L
1943	364 12:35:09	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1944	364 16:11:21	31	60 SET			14.5 DEGREE SET DSC-60					1V
1945	364 17:51:10	31			AC7SSB	(3 +004) SS BIAS CONTROL - PITCH	AACS		11006:56:003F	06-364/03:42:12	1ECa
1946	364 20:00:24	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1947	365 00:00:00	31				VGR-31 OWLT IS 14H 08M 58S					1L
1948	365 00:00:12	31	10 SET			10.2 DEGREE SET DSC-10					1V
1949	365 04:58:45	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1950	365 05:05:57	31	40 SET			10.2 DEGREE SET DSC-40					1V
1951	365 12:00:00	31				VGR-31 OWLT IS 14H 08M 59S					1L
1952	365 12:31:16	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1953	365 16:07:27	31	60 SET			14.5 DEGREE SET DSC-60					1V
1954	365 19:56:31	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1955	365 23:56:19	31	10 SET			10.2 DEGREE SET DSC-10					1V
1956	001 00:00:00	31				VGR-31 OWLT IS 14H 09M 00S					1L
1957	001 04:54:52	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1958	001 05:02:03	31	40 SET			10.2 DEGREE SET DSC-40					1V
1959	001 12:00:00	31				VGR-31 OWLT IS 14H 09M 01S					1L
1960	001 12:27:22	31	10RISE			10.2 DEGREE RISE DSC-10					1V





FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1989	002 23:15:16	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		11103:41:026F	07-002/09:06:13	1ECf
1990	002 23:16:03	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	11103:42:001F	07-002/09:06:59	1ESf
1991	002 23:16:03	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		11103:42:002F	07-002/09:06:59	1ECs
1992	002 23:16:03	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		11103:42:002F	07-002/09:07:00	1ECd
1993	002 23:16:03	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3533	DTR		11103:42:002F	07-002/09:07:00	1ESd
1994	002 23:16:51	31			SC32AJ	(13) PLS CONFIG CMD	FDS		11103:43:009F	07-002/09:07:48	1ECf
1995	002 23:16:52	31				END PWSREC.31			11103:43:018F	07-002/09:07:48	1T
1996	002 23:27:15	31				B- DTRMA-1.31			11103:56:001F	07-002/09:18:11	1TB
1997	002 23:27:15	31				BEGIN DTRMA131			11103:56:001F	07-002/09:18:11	1T
1998	002 23:27:15	31			CC16C	(2217) DTR STATE SELECT: SLEW	DTR		11103:56:001F	07-002/09:18:11	1ECd
1999	002 23:27:15	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:7 TIC:3540	DTR		11103:56:001F	07-002/09:18:11	1ESd
2000	002 23:29:21	31			EOT	END OF TAPE			11103:58:496F	07-002/09:20:17	1Ed
2001	002 23:48:32	31	10 SET			10.2 DEGREE SET DSC-10					1V
2002	003 00:00:00	31				VGR-31 OWLT IS 14H 09M 03S					1L

FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2003	003 02:11:15	31			CC16C	(2228) DTR STATE SELECT: SLEW	DTR		11107:21:001F	07-002/12:02:11	1ECd
2004	003 02:11:15	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:8 TIC:3585	DTR	11107:21:001F	07-002/12:02:11	1ESd	
2005	003 02:11:15	31			EOT	END OF TAPE		11107:21:010F	07-002/12:02:12	1Ed	
2006	003 04:47:04	31	60RISE			10.2 DEGREE RISE DSC-60				1V	
2007	003 04:48:00	31			BOT	BEGIN OF TAPE		11110:36:749F	07-002/14:38:56	1Ed	
2008	003 04:51:13	31				TAPE AT BOT		11110:40:768F	07-002/14:42:09	1T	
2009	003 04:51:13	31				END DTRMA131		11110:40:768F	07-002/14:42:09	1T	
2010	003 04:54:15	31	40 SET			10.2 DEGREE SET DSC-40				1V	
2011	003 04:55:15	31				TAPPOS-3540		11110:46:001F	07-002/14:46:11	1T	
2012	003 04:55:15	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR	11110:46:001F	07-002/14:46:11	1ECd	
2013	003 04:55:15	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0199	DTR	11110:46:001F	07-002/14:46:11	1ESd	
2014	003 04:55:15	31			BOT	BEGIN OF TAPE		11110:46:010F	07-002/14:46:12	1Ed	
2015	003 07:29:54	31			CC16C	(7000) DTR STATE SELECT: READY	DTR	11113:59:239F	07-002/17:20:50	1ECd	
2016	003 07:29:54	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3540	DTR	11113:59:239F	07-002/17:20:50	1ESd	
2017	003 07:43:16	31				REV/TRK 2		11114:16:001F	07-002/17:34:11	1T	
2018	003 07:43:16	31			CC16C	(7022) DTR STATE SELECT: READY	DTR	11114:16:001F	07-002/17:34:11	1ECd	







FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2047	004 12:00:00	31				VGR-31 OWLT IS 14H 09M 05S					1L
2048	004 12:15:40	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2049	004 15:51:52	31	60 SET			14.5 DEGREE SET DSC-60					1V
2050	004 19:40:58	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2051	004 22:00:06	31			AC7SSB	(3 +003) SS BIAS CONTROL - PITCH	AACS		11162:07:003F	07-004/07:51:00	1ECa
2052	004 23:40:45	31	10 SET			10.2 DEGREE SET DSC-10					1V
2053	005 00:00:00	31				VGR-31 OWLT IS 14H 09M 06S					1L
2054	005 04:39:16	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2055	005 04:46:27	31	40 SET			10.2 DEGREE SET DSC-40					1V
2056	005 12:00:00	31				VGR-31 OWLT IS 14H 09M 07S					1L
2057	005 12:11:46	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2058	005 15:47:57	31	60 SET			14.5 DEGREE SET DSC-60					1V
2059	005 19:37:04	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2060	005 23:36:52	31	10 SET			10.2 DEGREE SET DSC-10					1V
2061	006 00:00:00	31				VGR-31 OWLT IS 14H 09M 07S					1L
2062	006 02:12:55	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		11197:23:002F	07-005/12:03:48	1ECd
2063	006 02:12:55	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3540	DTR		11197:23:002F	07-005/12:03:48	1ESd
2064	006 04:03:09	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		11199:40:642F	07-005/13:54:02	1ECd
2065	006 04:03:09	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1158	DTR		11199:40:642F	07-005/13:54:02	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
2081	006 05:15:15	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		11201:10:735F	07-005/15:06:08	1ECd
2082	006 05:15:15	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:1158	DTR		11201:10:735F	07-005/15:06:08	1ESd
2083	006 05:15:19	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	11201:11:001F	07-005/15:06:11	1ESf
2084	006 05:15:19	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		11201:11:002F	07-005/15:06:11	1ECs
2085	006 05:15:20	31				B- DRCRUS			11201:11:018F	07-005/15:06:12	1TB
2086	006 05:15:20	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		11201:11:026F	07-005/15:06:13	1ECf
2087	006 05:16:07	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	11201:12:001F	07-005/15:06:59	1ESf
2088	006 05:16:07	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		11201:12:002F	07-005/15:06:59	1ECs
2089	006 05:16:07	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		11201:12:002F	07-005/15:07:00	1ECd

FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2090	006 05:16:07	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:0866	DTR		11201:12:002F	07-005/15:07:00	1ESd
2091	006 05:16:55	31			SC32AJ	(13) PLS CONFIG CMD	FDS		11201:13:009F	07-005/15:07:48	1ECf
2092	006 05:16:56	31				END PWSREC.31			11201:13:018F	07-005/15:07:48	1T
2093	006 07:22:32	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		11203:50:002F	07-005/17:13:24	1ECd
2094	006 07:22:32	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0859	DTR		11203:50:002F	07-005/17:13:24	1ESd
2095	006 09:26:37	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		11206:25:090F	07-005/19:17:29	1ECd
2096	006 09:26:37	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3540	DTR		11206:25:090F	07-005/19:17:29	1ESd
2097	006 10:22:32	31			CC16C	(7022) DTR STATE SELECT: READY	DTR		11207:35:002F	07-005/20:13:24	1ECd
2098	006 10:22:32	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:2 TIC:3540	DTR		11207:35:002F	07-005/20:13:24	1ESd
2099	006 12:00:00	31				VGR-31 OWLT IS 14H 09M 08S					1L
2100	006 12:07:52	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2101	006 15:44:03	31	60 SET			14.5 DEGREE SET DSC-60					1V
2102	006 19:33:11	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2103	006 23:32:59	31	10 SET			10.2 DEGREE SET DSC-10					1V
2104	007 00:00:00	31				VGR-31 OWLT IS 14H 09M 08S					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
2105	007 04:31:28	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2106	007 04:38:39	31	40 SET			10.2 DEGREE SET DSC-40					1V
2107	007 12:00:00	31				VGR-31 OWLT IS 14H 09M 09S					1L
2108	007 12:03:58	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2109	007 15:40:09	31	60 SET			14.5 DEGREE SET DSC-60					1V
2110	007 19:29:18	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2111	007 23:29:06	31	10 SET			10.2 DEGREE SET DSC-10					1V
2112	008 00:00:00	31				VGR-31 OWLT IS 14H 09M 09S					1L
2113	008 04:27:34	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2114	008 04:34:45	31	40 SET			10.2 DEGREE SET DSC-40					1V
2115	008 12:00:00	31				VGR-31 OWLT IS 14H 09M 10S					1L
2116	008 12:00:04	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2117	008 15:36:14	31	60 SET			14.5 DEGREE SET DSC-60					1V
2118	008 19:25:25	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2119	008 23:25:12	31	10 SET			10.2 DEGREE SET DSC-10					1V
2120	009 00:00:00	31				VGR-31 OWLT IS 14H 09M 10S					1L
2121	009 04:23:40	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2122	009 04:30:51	31	40 SET			10.2 DEGREE SET DSC-40					1V
2123	009 11:56:10	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2124	009 12:00:00	31				VGR-31 OWLT IS 14H 09M 11S					1L
2125	009 12:13:47	31			AC7SSB	(4 +163) SS BIAS CONTROL --- YAW	AACS		11299:54:003F	07-008/22:04:36	1ECa
2126	009 15:32:20	31	60 SET			14.5 DEGREE SET DSC-60					1V
2127	009 19:21:31	31	40RISE			10.2 DEGREE RISE DSC-40					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
2140	009 22:51:23	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		11313:11:002F	07-009/08:42:11	1ECs
2141	009 22:51:24	31				B- DRCRUS			11313:11:018F	07-009/08:42:12	1TB
2142	009 22:51:24	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		11313:11:026F	07-009/08:42:13	1ECF
2143	009 22:52:11	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	11313:12:001F	07-009/08:42:59	1ESF
2144	009 22:52:11	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		11313:12:002F	07-009/08:42:59	1ECs
2145	009 22:52:11	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		11313:12:002F	07-009/08:43:00	1ECd
2146	009 22:52:11	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:2 TIC:3247	DTR		11313:12:002F	07-009/08:43:00	1ESd
2147	009 22:52:59	31			SC32AJ	(13) PLS CONFIG CMD	FDS		11313:13:009F	07-009/08:43:48	1ECf
2148	009 22:53:00	31				END PWSREC.31			11313:13:018F	07-009/08:43:48	1T
2149	009 23:21:19	31	10	SET		10.2 DEGREE SET DSC-10					1V
2150	010 00:00:00	31				VGR-31 OWLT IS 14H 09M 11S					1L
2151	010 02:08:59	31			AC7SSB	(3 +002) SS BIAS CONTROL - PITCH	AACS		11317:18:003F	07-009/11:59:48	1ECa
2152	010 04:19:45	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
2153	010 04:26:57	31	40	SET		10.2 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT 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	010 11:52:16	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2155	010 12:00:00	31				VGR-31 OWLT IS 14H 09M 11S					1L
2156	010 15:28:26	31	60 SET			14.5 DEGREE SET DSC-60					1V
2157	010 19:17:38	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2158	010 23:17:26	31	10 SET			10.2 DEGREE SET DSC-10					1V
2159	011 00:00:00	31				VGR-31 OWLT IS 14H 09M 12S					1L
2160	011 04:15:51	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2161	011 04:23:03	31	40 SET			10.2 DEGREE SET DSC-40					1V
2162	011 11:48:22	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2163	011 12:00:00	31				VGR-31 OWLT IS 14H 09M 12S					1L
2164	011 15:24:31	31	60 SET			14.5 DEGREE SET DSC-60					1V
2165	011 19:13:45	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2166	011 23:13:32	31	10 SET			10.2 DEGREE SET DSC-10					1V
2167	012 00:00:00	31				VGR-31 OWLT IS 14H 09M 12S					1L
2168	012 04:11:57	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2169	012 04:19:08	31	40 SET			10.2 DEGREE SET DSC-40					1V
2170	012 11:44:28	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2171	012 12:00:00	31				VGR-31 OWLT IS 14H 09M 13S					1L
2172	012 15:20:37	31	60 SET			14.5 DEGREE SET DSC-60					1V
2173	012 19:09:52	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2174	012 23:09:39	31	10 SET			10.2 DEGREE SET DSC-10					1V
2175	013 00:00:00	31				VGR-31 OWLT IS 14H 09M 13S					1L
2176	013 01:49:01	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		11406:53:002F	07-012/11:39:48	1ECd





FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2190	013 04:49:49	31				BEGIN PWSREC.31			11410:39:001F	07-012/14:40:35	1T
2191	013 04:49:49	31			SC32AJ	(10) PLS CONFIG CMD	FDS		11410:39:009F	07-012/14:40:36	1ECf
2192	013 04:50:37	31				B- DRGS4B			11410:40:001F	07-012/14:41:23	1TB
2193	013 04:50:37	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		11410:40:009F	07-012/14:41:24	1ECf
2194	013 04:51:21	31				BEGIN RECORDING PWS DATA			11410:40:734F	07-012/14:42:07	1T
2195	013 04:51:21	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		11410:40:735F	07-012/14:42:08	1ECd
2196	013 04:51:21	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:0859	DTR		11410:40:735F	07-012/14:42:08	1ESd
2197	013 04:51:25	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	11410:41:001F	07-012/14:42:11	1ESf
2198	013 04:51:25	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		11410:41:002F	07-012/14:42:11	1ECs
2199	013 04:51:26	31				B- DRCRUS			11410:41:018F	07-012/14:42:12	1TB
2200	013 04:51:26	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		11410:41:026F	07-012/14:42:13	1ECf

FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2201	013 04:52:13	31		ACE OPCH			FDS	CR-5T	11410:42:001F	07-012/14:42:59	1ESf
						FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11					
2202	013 04:52:13	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		11410:42:002F	07-012/14:43:00	1ECs
2203	013 04:52:13	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		11410:42:002F	07-012/14:43:00	1ECd
2204	013 04:52:13	31					DTR		11410:42:002F	07-012/14:43:00	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:0567					
2205	013 04:53:01	31			SC32AJ	(13) PLS CONFIG CMD	FDS		11410:43:009F	07-012/14:43:48	1ECf
2206	013 04:53:02	31				END PWSREC.31			11410:43:018F	07-012/14:43:48	1T
2207	013 06:58:37	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		11413:20:002F	07-012/16:49:24	1ECd
2208	013 06:58:37	31					DTR		11413:20:002F	07-012/16:49:24	1ESd
						DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0560					
2209	013 09:02:42	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		11415:55:091F	07-012/18:53:29	1ECd
2210	013 09:02:42	31					DTR		11415:55:091F	07-012/18:53:29	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3241					
2211	013 09:58:37	31			CC16C	(7022) DTR STATE SELECT: READY	DTR		11417:05:002F	07-012/19:49:24	1ECd
2212	013 09:58:37	31					DTR		11417:05:002F	07-012/19:49:24	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:2 TIC:3241					

FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2213	013 11:40:33	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2214	013 12:00:00	31				VGR-31 OWLT IS 14H 09M 13S					1L
2215	013 15:16:42	31	60 SET			14.5 DEGREE SET DSC-60					1V
2216	013 19:05:58	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2217	013 23:05:46	31	10 SET			10.2 DEGREE SET DSC-10					1V
2218	014 00:00:00	31				VGR-31 OWLT IS 14H 09M 13S					1L
2219	014 04:04:08	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2220	014 04:11:20	31	40 SET			10.2 DEGREE SET DSC-40					1V
2221	014 11:36:39	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2222	014 12:00:00	31				VGR-31 OWLT IS 14H 09M 14S					1L
2223	014 15:12:48	31	60 SET			14.5 DEGREE SET DSC-60					1V
2224	014 19:02:05	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2225	014 23:01:52	31	10 SET			10.2 DEGREE SET DSC-10					1V
2226	015 00:00:00	31				VGR-31 OWLT IS 14H 09M 14S					1L
2227	015 04:00:14	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2228	015 04:07:25	31	40 SET			10.2 DEGREE SET DSC-40					1V
2229	015 06:17:50	31			AC7SSB	(3 +001) SS BIAS CONTROL - PITCH	AACS		11472:29:003F	07-014/16:08:36	1ECa
2230	015 11:32:45	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2231	015 12:00:00	31				VGR-31 OWLT IS 14H 09M 14S					1L
2232	015 15:08:54	31	60 SET			14.5 DEGREE SET DSC-60					1V
2233	015 18:58:12	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2234	015 22:49:02	31				A062 UPLINK			11493:08:001F	07-015/08:39:47	1T
2235	015 22:57:59	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
2236	015 23:18:37	31				FINAL SPACECRAFT STATUS			11493:44:785F	07-015/09:09:23	1TI
2237	015 23:18:37	31				RADIO STATUS			11493:44:785F	07-015/09:09:23	1TI
2238	015 23:18:37	31			DC2AR	S-BAND RANGING OFF			11493:44:785F	07-015/09:09:23	1TI
2239	015 23:18:37	31			DC2DR	S-BAND LO PWR			11493:44:785F	07-015/09:09:23	1TI
2240	015 23:18:37	31			DC2HR	X-BAND LO PWR			11493:44:785F	07-015/09:09:23	1TI
2241	015 23:18:37	31			DC2N	X-BAND RANGING ON			11493:44:785F	07-015/09:09:23	1TI
2242	015 23:18:37	31			DC2P	2 WAY NON-COHERENT ON			11493:44:785F	07-015/09:09:23	1TI
2243	015 23:18:37	31			DC2QR	USO OFF			11493:44:785F	07-015/09:09:23	1TI
2244	015 23:18:37	31			CC2BRP	S-BAND EXC-2 SEL			11493:44:785F	07-015/09:09:23	1TI
2245	015 23:18:37	31			CC2CRP	S-BAND TRANS-2 SEL			11493:44:785F	07-015/09:09:23	1TI
2246	015 23:18:37	31			CC2FP	RCVR-1 SEL			11493:44:785F	07-015/09:09:23	1TI
2247	015 23:18:37	31			CC2JP	X-BAND EXC-1 SEL			11493:44:785F	07-015/09:09:23	1TI
2248	015 23:18:37	31			CC2GP	X-BAND ON			11493:44:785F	07-015/09:09:23	1TI
2249	015 23:18:37	31			CC2KRP	S-BAND OFF			11493:44:785F	07-015/09:09:23	1TI
2250	015 23:18:37	31			CC2LP	X-BAND TWTA-1 SEL			11493:44:785F	07-015/09:09:23	1TI
2251	015 23:18:37	31			CC2MP	S-BAND EXC ON			11493:44:785F	07-015/09:09:23	1TI
2252	015 23:18:37	31			DC2E	HGA SELECT			11493:44:785F	07-015/09:09:23	1TI
2253	015 23:18:37	31			CC1T	BAY 1 HTR ON			11493:44:785F	07-015/09:09:23	1TI
2254	015 23:18:37	31				MDS STATUS			11493:44:785F	07-015/09:09:23	1TI
2255	015 23:18:37	31			CC3BP	TMU ON			11493:44:785F	07-015/09:09:23	1TI
2256	015 23:18:37	31			CC3GP	TMU-A SEL			11493:44:785F	07-015/09:09:23	1TI
2257	015 23:18:37	31			CC3HP	CDU-A SEL			11493:44:785F	07-015/09:09:23	1TI
2258	015 23:18:37	31			CC3A	32310 X-BAND			11493:44:785F	07-015/09:09:23	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
2259	015 23:18:37	31			CC3A	28301 S-BAND			11493:44:785F	07-015/09:09:23	1TI
2260	015 23:18:37	31				POWER STATUS			11493:44:785F	07-015/09:09:23	1TI
2261	015 23:18:37	31			CC4A	UNDERVOLTAGE TRIP RESET			11493:44:785F	07-015/09:09:23	1TI
2262	015 23:18:37	31			CC4K	RTG-1 DIODE BYPASS ON			11493:44:785F	07-015/09:09:23	1TI
2263	015 23:18:37	31			CC4L	RTG-2 DIODE BYPASS ON			11493:44:785F	07-015/09:09:23	1TI
2264	015 23:18:37	31			CC4M	RTG-3 DIODE BYPASS ON			11493:44:785F	07-015/09:09:23	1TI
2265	015 23:18:37	31				CCS STATUS			11493:44:785F	07-015/09:09:23	1TI
2266	015 23:18:37	31			DC5AR	CCS TOL DET ENABLE			11493:44:785F	07-015/09:09:23	1TI
2267	015 23:18:37	31				FDS STATUS			11493:44:785F	07-015/09:09:23	1TI
2268	015 23:18:37	31			CC6CP	FDS ON/ISS PWR ENABLE			11493:44:785F	07-015/09:09:23	1TI
2269	015 23:18:37	31			CC6AA	1 SVC-W1			11493:44:785F	07-015/09:09:23	1TI
2270	015 23:18:37	31			CC6AD	3200 SVC-W4			11493:44:785F	07-015/09:09:23	1TI
2271	015 23:18:37	31			CC6AE	30011 SVC-W5			11493:44:785F	07-015/09:09:23	1TI
2272	015 23:18:37	31			CC6AP	FDS PWR CONV A SEL			11493:44:785F	07-015/09:09:23	1TI
2273	015 23:18:37	31			CC6AB	01000 SVC-W2			11493:44:785F	07-015/09:09:23	1TI
2274	015 23:18:37	31			SC06BB	530070 FDS DATA MODE			11493:44:785F	07-015/09:09:23	1TI
2275	015 23:18:37	31				AACS STATUS			11493:44:785F	07-015/09:09:23	1TI
2276	015 23:18:37	31			AC7PCG	14 HYBIC 2 PWR ON			11493:44:785F	07-015/09:09:23	1TI
2277	015 23:18:37	31			CC7ML	05 CST ON			11493:44:785F	07-015/09:09:23	1TI
2278	015 23:18:37	31			AC7CTG	10 394 CST HI GATE			11493:44:785F	07-015/09:09:23	1TI
2279	015 23:18:37	31			AC7CTG	11 442 CST LO GATE			11493:44:785F	07-015/09:09:23	1TI
2280	015 23:18:37	31			AC7GYP	111 GYRO PATTERN			11493:44:785F	07-015/09:09:23	1TI
2281	015 23:18:37	31			AC7PCG	52 GYRO A OFF			11493:44:785F	07-015/09:09:23	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
2282	015 23:18:37	31			AC7PCG	62 GYRO B OFF			11493:44:785F	07-015/09:09:23	1TI
2283	015 23:18:37	31			AC7PCG	72 GYRO C OFF			11493:44:785F	07-015/09:09:23	1TI
2284	015 23:18:37	31			AC7PAR	7530 000000 GYRO OFF NORM			11493:44:785F	07-015/09:09:23	1TI
2285	015 23:18:37	31			AC7PAR	6740 000740 PITCH DEADBAND			11493:44:785F	07-015/09:09:23	1TI
2286	015 23:18:37	31			AC7PAR	6741 001700 YAW DEADBAND			11493:44:785F	07-015/09:09:23	1TI
2287	015 23:18:37	31			AC7PAR	6742 004540 ROLL DEADBAND			11493:44:785F	07-015/09:09:23	1TI
2288	015 23:18:37	31			DEADBAND	DEAD BAND STATE: 05 10 25			11493:44:785F	07-015/09:09:23	1TI
2289	015 23:18:37	31			CC7SS	1 AACS TO RAI			11493:44:785F	07-015/09:09:23	1TI
2290	015 23:18:37	31			CC7CT	01 CST CONE ANGLE 1			11493:44:785F	07-015/09:09:23	1TI
2291	015 23:18:37	31			AC7DDB	000480 DEAD BAND CONTROL			11493:44:785F	07-015/09:09:23	1TI
2292	015 23:18:37	31			CC7AHRP	SS HTR A OFF			11493:44:785F	07-015/09:09:23	1TI
2293	015 23:18:37	31			CC7BHP	SS HTR B ON			11493:44:785F	07-015/09:09:23	1TI
2294	015 23:18:37	31			CC7ML	01 FDS CHAN A			11493:44:785F	07-015/09:09:23	1TI
2295	015 23:18:37	31			CC7ML	09 TCAPU FAULT ENA			11493:44:785F	07-015/09:09:23	1TI
2296	015 23:18:37	31			AC7PCG	61 AACS BAY 6 HTR A OFF			11493:44:785F	07-015/09:09:23	1TI
2297	015 23:18:37	31			AC7PCG	71 AACS BAY 6 HTR B OFF			11493:44:785F	07-015/09:09:23	1TI
2298	015 23:18:37	31			CC7MMRP	PROC/MEM 2 SELECT			11493:44:785F	07-015/09:09:23	1TI
2299	015 23:18:37	31			CC7SHRP	AZ SCAN ACTUATOR HTR OFF			11493:44:785F	07-015/09:09:23	1TI
2300	015 23:18:37	31			AC7PCG	22 CST SUN SHUTTER OFF			11493:44:785F	07-015/09:09:23	1TI
2301	015 23:18:37	31			AC7PCG	10 ISO VALVE BRANCH 1 OFF			11493:44:785F	07-015/09:09:23	1TI
2302	015 23:18:37	31			AC7PCG	20 ISO VALVE BRANCH 2 OFF			11493:44:785F	07-015/09:09:23	1TI
2303	015 23:18:37	31			CC1PHP	SCAN PLAT SUPL HTR ON			11493:44:785F	07-015/09:09:23	1TI
2304	015 23:18:37	31			CC77MRP	MAM OFF			11493:44:785F	07-015/09:09:23	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
2305	015 23:18:37	31			DC77PR	NON-PRIME FCP/MEM OFF			11493:44:785F	07-015/09:09:23	1TI
2306	015 23:18:37	31			DC77XR	MAM COMMAND DISABLE			11493:44:785F	07-015/09:09:23	1TI
2307	015 23:18:37	31				PYRO STATUS			11493:44:785F	07-015/09:09:23	1TI
2308	015 23:18:37	31			CC8D	PSU INSTRUMENTATION ON			11493:44:785F	07-015/09:09:23	1TI
2309	015 23:18:37	31			DC8XR	PYRO DISABLE			11493:44:785F	07-015/09:09:23	1TI
2310	015 23:18:37	31				PROPULSION STATUS			11493:44:785F	07-015/09:09:23	1TI
2311	015 23:18:37	31			CC10CRP	TCM HTR OFF			11493:44:785F	07-015/09:09:23	1TI
2312	015 23:18:37	31			CC10DR	AP BR1 HTR OFF			11493:44:785F	07-015/09:09:23	1TI
2313	015 23:18:37	31			CC10ER	AP BR2 HTR OFF			11493:44:785F	07-015/09:09:23	1TI
2314	015 23:18:37	31			CC10TRP	TCM LINE HTRS OFF			11493:44:785F	07-015/09:09:23	1TI
2315	015 23:18:37	31				DSS STATUS			11493:44:785F	07-015/09:09:23	1TI
2316	015 23:18:37	31			CC16BR	DSS 10 W REPL HTR OFF			11493:44:785F	07-015/09:09:23	1TI
2317	015 23:18:37	31			CC16AP	DSS ON			11493:44:785F	07-015/09:09:23	1TI
2318	015 23:18:37	31			CC1DR	BAY 2 19 W HTR OFF			11493:44:785F	07-015/09:09:23	1TI
2319	015 23:18:37	31			CC16C	7222 DSS CONTROL			11493:44:785F	07-015/09:09:23	1TI
2320	015 23:18:37	31				SCIENCE PWR STATUS			11493:44:785F	07-015/09:09:23	1TI
2321	015 23:18:37	31			CC1CR	MAG COIL OFF			11493:44:785F	07-015/09:09:23	1TI
2322	015 23:18:37	31			CC21A	CRS ON			11493:44:785F	07-015/09:09:23	1TI
2323	015 23:18:37	31			CC21B	CRS REPL HTR ON			11493:44:785F	07-015/09:09:23	1TI
2324	015 23:18:37	31			CC21CR	CRS SUPP HTR OFF			11493:44:785F	07-015/09:09:23	1TI
2325	015 23:18:37	31			CC22A	PRA ON			11493:44:785F	07-015/09:09:23	1TI
2326	015 23:18:37	31			CC23A	PWS ON			11493:44:785F	07-015/09:09:23	1TI
2327	015 23:18:37	31			CC25A	LECP ON			11493:44:785F	07-015/09:09:23	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
2328	015 23:18:37	31			CC25B	LECP STEPPER MOTOR ON			11493:44:785F	07-015/09:09:23	1TI
2329	015 23:18:37	31			CC25CR	LECP REPL HTR OFF			11493:44:785F	07-015/09:09:23	1TI
2330	015 23:18:37	31			CC25D	LECP MAIN SUPP HTR ON			11493:44:785F	07-015/09:09:23	1TI
2331	015 23:18:37	31			CC25E	LECP LEPT SUPP HTR ON			11493:44:785F	07-015/09:09:23	1TI
2332	015 23:18:37	31			CC27BR	PPS SUPP HTR OFF			11493:44:785F	07-015/09:09:23	1TI
2333	015 23:18:37	31			CC32A	PLS ON			11493:44:785F	07-015/09:09:23	1TI
2334	015 23:18:37	31			CC32BR	PLS SUPP HTR OFF			11493:44:785F	07-015/09:09:23	1TI
2335	015 23:18:37	31			CC32C	PLS REPL HTR ON			11493:44:785F	07-015/09:09:23	1TI
2336	015 23:18:37	31			CC34A	UVS ON			11493:44:785F	07-015/09:09:23	1TI
2337	015 23:18:37	31			CC34B	UVS REPL HTR ON			11493:44:785F	07-015/09:09:23	1TI
2338	015 23:18:37	31			CC35AR	MAG OFF			11493:44:785F	07-015/09:09:23	1TI
2339	015 23:18:37	31			CC35B	MAG STANDBY ON			11493:44:785F	07-015/09:09:23	1TI
2340	015 23:18:37	31			CC35GR	MAG SENSOR HTR OFF			11493:44:785F	07-015/09:09:23	1TI
2341	015 23:18:37	31			CC36GR	ISS WA VID REPL HTR OFF			11493:44:785F	07-015/09:09:23	1TI
2342	015 23:18:37	31			CC36HR	ISS WA ELEC REPL HTR OFF			11493:44:785F	07-015/09:09:23	1TI
2343	015 23:18:37	31			CC36CRP	ISS NA OPTICS HTR OFF			11493:44:785F	07-015/09:09:23	1TI
2344	015 23:18:37	31			CC36FRP	ISS NA VID REPL HTR OFF			11493:44:785F	07-015/09:09:23	1TI
2345	015 23:18:37	31			CC36JP	ISS NA ELEC REPL HTR ON			11493:44:785F	07-015/09:09:23	1TI
2346	015 23:18:37	31			CC39D	IRIS REPL HTR ON			11493:44:785F	07-015/09:09:23	1TI
2347	015 23:18:37	31			CC39FR	IRIS STANDBY A SUPPLY OFF			11493:44:785F	07-015/09:09:23	1TI
2348	015 23:18:37	31			CC39BR	IRIS STANDBY B SUPPLY OFF			11493:44:785F	07-015/09:09:23	1TI
2349	015 23:18:37	31				SCIENCE INSTRUMENT STATUS			11493:44:785F	07-015/09:09:23	1TI
2350	015 23:18:37	31			SC21AF	01000 CRS CMD WORD			11493:44:785F	07-015/09:09:23	1TI

FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2351	015 23:18:37	31			SC21AF	02000 CRS CMD WORD			11493:44:785F	07-015/09:09:23	1TI
2352	015 23:18:37	31			SC21AF	03000 CRS CMD WORD			11493:44:785F	07-015/09:09:23	1TI
2353	015 23:18:37	31			SC21AF	04000 CRS CMD WORD			11493:44:785F	07-015/09:09:23	1TI
2354	015 23:18:37	31			SC21AF	05300 CRS CMD WORD			11493:44:785F	07-015/09:09:23	1TI
2355	015 23:18:37	31			SC21AF	06000 CRS CMD WORD			11493:44:785F	07-015/09:09:23	1TI
2356	015 23:18:37	31			SC21AF	07200 CRS CMD WORD			11493:44:785F	07-015/09:09:23	1TI
2357	015 23:18:37	31			SC21AF	08200 CRS CMD WORD			11493:44:785F	07-015/09:09:23	1TI
2358	015 23:18:37	31			SC21AF	10000 CRS CMD WORD			11493:44:785F	07-015/09:09:23	1TI
2359	015 23:18:37	31			SC21AF	11000 CRS CMD WORD			11493:44:785F	07-015/09:09:23	1TI
2360	015 23:18:37	31			SC21AF	12000 CRS CMD WORD			11493:44:785F	07-015/09:09:23	1TI
2361	015 23:18:37	31			SC21AF	13012 CRS CMD WORD			11493:44:785F	07-015/09:09:23	1TI
2362	015 23:18:37	31			SC21AG	CRS HV FLAG			11493:44:785F	07-015/09:09:23	1TI
2363	015 23:18:37	31			SC21AH	CRS CAL-ST FLAG			11493:44:785F	07-015/09:09:23	1TI
2364	015 23:18:37	31			SC22AF	1347 PRA CONFIGURATION CMD			11493:44:785F	07-015/09:09:23	1TI
2365	015 23:18:37	31			SC22NU	0000 PRA MODE SELECT			11493:44:785F	07-015/09:09:23	1TI
2366	015 23:18:37	31			SC23AD	5 PWS CMD WORD			11493:44:785F	07-015/09:09:23	1TI
2367	015 23:18:37	31			SC25AH	1777 LECP CMD WORD			11493:44:785F	07-015/09:09:23	1TI
2368	015 23:18:37	31			SC25AH	2417 LECP CMD WORD			11493:44:785F	07-015/09:09:23	1TI
2369	015 23:18:37	31			SC25AH	5600 LECP CMD WORD			11493:44:785F	07-015/09:09:23	1TI
2370	015 23:18:37	31			SC25AH	6032 LECP CMD WORD			11493:44:785F	07-015/09:09:23	1TI
2371	015 23:18:37	31			SC25AJ	1 LECP MOTOR STEP CMD			11493:44:785F	07-015/09:09:23	1TI
2372	015 23:18:37	31			SC25AN	0 LECP NEAR/FAR ENC			11493:44:785F	07-015/09:09:23	1TI
2373	015 23:18:37	31			SC25AQ	5200 LECP SAFE CMD			11493:44:785F	07-015/09:09:23	1TI

FINAL SEQUENCE FOR JST A061 (TOL/A061F - EVTSDR/A061DA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2374	015 23:18:37	31			SC32AF	2 PLS E1 INT/AMP GAIN			11493:44:785F	07-015/09:09:23	1TI
2375	015 23:18:37	31			SC32AG	2 PLS E2 INT/AMP GAIN			11493:44:785F	07-015/09:09:23	1TI
2376	015 23:18:37	31			SC32AH	3 PLS M INT/AMP GAIN			11493:44:785F	07-015/09:09:23	1TI
2377	015 23:18:37	31			SC32AJ	13 PLS CONFIG CMD			11493:44:785F	07-015/09:09:23	1TI
2378	015 23:18:37	31			SC32AK	2 PLS L INT/AMP GAIN			11493:44:785F	07-015/09:09:23	1TI
2379	015 23:18:37	31			SC32AL	216 PLS M START WORD 1			11493:44:785F	07-015/09:09:23	1TI
2380	015 23:18:37	31			SC32AM	216 PLS M START WORD 2			11493:44:785F	07-015/09:09:23	1TI
2381	015 23:18:37	31			SC32AN	2 PLS M MODE			11493:44:785F	07-015/09:09:23	1TI
2382	015 23:18:37	31			SC32AP	3 PLS E1 SHRT			11493:44:785F	07-015/09:09:23	1TI
2383	015 23:18:37	31			SC32AQ	3 PLS E2 SHRT			11493:44:785F	07-015/09:09:23	1TI
2384	015 23:18:37	31			SC32AR	3 PLS L SHORT			11493:44:785F	07-015/09:09:23	1TI
2385	015 23:18:37	31			SC32AS	2 PLS E1 LONG			11493:44:785F	07-015/09:09:23	1TI
2386	015 23:18:37	31			SC32AT	2 PLS E2 LONG			11493:44:785F	07-015/09:09:23	1TI
2387	015 23:18:37	31			SC32AU	2 PLS L LONG			11493:44:785F	07-015/09:09:23	1TI
2388	015 23:18:37	31			SC34AE	13 UVS MODE/HV LEVEL			11493:44:785F	07-015/09:09:23	1TI
2389	015 23:18:37	31			SC34AF	0 UVS READ OUT FLAG			11493:44:785F	07-015/09:09:23	1TI
2390	015 23:18:37	31			SC35AI	030001 MAG HFM/EL FLIP/IFC/LFM			11493:44:785F	07-015/09:09:23	1TI
2391	015 23:18:37	31			SC35AO	030001 MAG HFM/PRIME/IFC/LFM RAN			11493:44:785F	07-015/09:09:23	1TI