



FINAL FLIGHT SOE

S/C 31

SEQUENCE ID A059AA DATE OF RELEASE April 5, 2006

EXECUTION PERIOD 04/17/2006 to 07/17/2006 (06-107 to 06-198)

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

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FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT 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	107 22:46:29	31				INITIAL SPACECRAFT STATUS			03303:44:785F	06-107/09:09:23	1TI
2	107 22:46:29	31				RADIO STATUS			03303:44:785F	06-107/09:09:23	1TI
3	107 22:46:29	31			DC2AR	S-BAND RANGING OFF			03303:44:785F	06-107/09:09:23	1TI
4	107 22:46:29	31			DC2DR	S-BAND LO PWR			03303:44:785F	06-107/09:09:23	1TI
5	107 22:46:29	31			DC2HR	X-BAND LO PWR			03303:44:785F	06-107/09:09:23	1TI
6	107 22:46:29	31			DC2N	X-BAND RANGING ON			03303:44:785F	06-107/09:09:23	1TI
7	107 22:46:29	31			DC2P	2 WAY NON-COHERENT ON			03303:44:785F	06-107/09:09:23	1TI
8	107 22:46:29	31			DC2QR	USO OFF			03303:44:785F	06-107/09:09:23	1TI
9	107 22:46:29	31			CC2BRP	S-BAND EXC-2 SEL			03303:44:785F	06-107/09:09:23	1TI
10	107 22:46:29	31			CC2CRP	S-BAND TRANS-2 SEL			03303:44:785F	06-107/09:09:23	1TI
11	107 22:46:29	31			CC2FP	RCVR-1 SEL			03303:44:785F	06-107/09:09:23	1TI
12	107 22:46:29	31			CC2JP	X-BAND EXC-1 SEL			03303:44:785F	06-107/09:09:23	1TI
13	107 22:46:29	31			CC2GP	X-BAND ON			03303:44:785F	06-107/09:09:23	1TI
14	107 22:46:29	31			CC2KRP	S-BAND OFF			03303:44:785F	06-107/09:09:23	1TI
15	107 22:46:29	31			CC2LP	X-BAND TWTA-1 SEL			03303:44:785F	06-107/09:09:23	1TI
16	107 22:46:29	31			CC2MP	S-BAND EXC ON			03303:44:785F	06-107/09:09:23	1TI
17	107 22:46:29	31			DC2E	HGA SELECT			03303:44:785F	06-107/09:09:23	1TI
18	107 22:46:29	31			CC1T	BAY 1 HTR ON			03303:44:785F	06-107/09:09:23	1TI
19	107 22:46:29	31				MDS STATUS			03303:44:785F	06-107/09:09:23	1TI
20	107 22:46:29	31			CC3BP	TMU ON			03303:44:785F	06-107/09:09:23	1TI
21	107 22:46:29	31			CC3GP	TMU-A SEL			03303:44:785F	06-107/09:09:23	1TI
22	107 22:46:29	31			CC3HP	CDU-A SEL			03303:44:785F	06-107/09:09:23	1TI
23	107 22:46:29	31			CC3A	32310 X-BAND			03303:44:785F	06-107/09:09:23	1TI

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT 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	107 22:46:29	31			CC3A	28301 S-BAND			03303:44:785F	06-107/09:09:23	1TI
25	107 22:46:29	31				POWER STATUS			03303:44:785F	06-107/09:09:23	1TI
26	107 22:46:29	31			CC4A	UNDERVOLTAGE TRIP RESET			03303:44:785F	06-107/09:09:23	1TI
27	107 22:46:29	31			CC4K	RTG-1 DIODE BYPASS ON			03303:44:785F	06-107/09:09:23	1TI
28	107 22:46:29	31			CC4L	RTG-2 DIODE BYPASS ON			03303:44:785F	06-107/09:09:23	1TI
29	107 22:46:29	31			CC4M	RTG-3 DIODE BYPASS ON			03303:44:785F	06-107/09:09:23	1TI
30	107 22:46:29	31				CCS STATUS			03303:44:785F	06-107/09:09:23	1TI
31	107 22:46:29	31			DC5AR	CCS TOL DET ENABLE			03303:44:785F	06-107/09:09:23	1TI
32	107 22:46:29	31				FDS STATUS			03303:44:785F	06-107/09:09:23	1TI
33	107 22:46:29	31			CC6CP	FDS ON/ISS PWR ENABLE			03303:44:785F	06-107/09:09:23	1TI
34	107 22:46:29	31			CC6AA	1 SVC-W1			03303:44:785F	06-107/09:09:23	1TI
35	107 22:46:29	31			CC6AD	3200 SVC-W4			03303:44:785F	06-107/09:09:23	1TI
36	107 22:46:29	31			CC6AE	30011 SVC-W5			03303:44:785F	06-107/09:09:23	1TI
37	107 22:46:29	31			CC6AP	FDS PWR CONV A SEL			03303:44:785F	06-107/09:09:23	1TI
38	107 22:46:29	31			CC6AB	01000 SVC-W2			03303:44:785F	06-107/09:09:23	1TI
39	107 22:46:29	31			SC06BB	530070 FDS DATA MODE			03303:44:785F	06-107/09:09:23	1TI
40	107 22:46:29	31				AACS STATUS			03303:44:785F	06-107/09:09:23	1TI
41	107 22:46:29	31			AC7PCG	14 HYBIC 2 PWR ON			03303:44:785F	06-107/09:09:23	1TI
42	107 22:46:29	31			CC7ML	05 CST ON			03303:44:785F	06-107/09:09:23	1TI
43	107 22:46:29	31			AC7CTG	10 394 CST HI GATE			03303:44:785F	06-107/09:09:23	1TI
44	107 22:46:29	31			AC7CTG	11 442 CST LO GATE			03303:44:785F	06-107/09:09:23	1TI
45	107 22:46:29	31			AC7GYP	000 GYRO PATTERN			03303:44:785F	06-107/09:09:23	1TI
46	107 22:46:29	31			AC7PCG	52 GYRO A OFF			03303:44:785F	06-107/09:09:23	1TI

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
47	107 22:46:29	31			AC7PCG	62 GYRO B OFF			03303:44:785F	06-107/09:09:23	1TI
48	107 22:46:29	31			AC7PCG	72 GYRO C OFF			03303:44:785F	06-107/09:09:23	1TI
49	107 22:46:29	31			AC7PAR	7530 000000 GYRO OFF NORM			03303:44:785F	06-107/09:09:23	1TI
50	107 22:46:29	31			AC7PAR	6740 000740 PITCH DEADBAND			03303:44:785F	06-107/09:09:23	1TI
51	107 22:46:29	31			AC7PAR	6741 001700 YAW DEADBAND			03303:44:785F	06-107/09:09:23	1TI
52	107 22:46:29	31			AC7PAR	6742 004540 ROLL DEADBAND			03303:44:785F	06-107/09:09:23	1TI
53	107 22:46:29	31			DEADBAND	DEAD BAND STATE: 05 10 05			03303:44:785F	06-107/09:09:23	1TI
54	107 22:46:29	31			CC7SS	1 AACS TO RAI			03303:44:785F	06-107/09:09:23	1TI
55	107 22:46:29	31			CC7CT	01 CST CONE ANGLE 1			03303:44:785F	06-107/09:09:23	1TI
56	107 22:46:29	31			AC7DDB	000480 DEAD BAND CONTROL			03303:44:785F	06-107/09:09:23	1TI
57	107 22:46:29	31			CC7AHRP	SS HTR A OFF			03303:44:785F	06-107/09:09:23	1TI
58	107 22:46:29	31			CC7BHP	SS HTR B ON			03303:44:785F	06-107/09:09:23	1TI
59	107 22:46:29	31			CC7ML	01 FDS CHAN A			03303:44:785F	06-107/09:09:23	1TI
60	107 22:46:29	31			CC7ML	09 TCAPU FAULT ENA			03303:44:785F	06-107/09:09:23	1TI
61	107 22:46:29	31			AC7PCG	61 AACS BAY 6 HTR A OFF			03303:44:785F	06-107/09:09:23	1TI
62	107 22:46:29	31			AC7PCG	71 AACS BAY 6 HTR B OFF			03303:44:785F	06-107/09:09:23	1TI
63	107 22:46:29	31			CC7MMRP	PROC/MEM 2 SELECT			03303:44:785F	06-107/09:09:23	1TI
64	107 22:46:29	31			CC7SHRP	AZ SCAN ACTUATOR HTR OFF			03303:44:785F	06-107/09:09:23	1TI
65	107 22:46:29	31			AC7PCG	22 CST SUN SHUTTER OFF			03303:44:785F	06-107/09:09:23	1TI
66	107 22:46:29	31			AC7PCG	10 ISO VALVE BRANCH 1 OFF			03303:44:785F	06-107/09:09:23	1TI
67	107 22:46:29	31			AC7PCG	20 ISO VALVE BRANCH 2 OFF			03303:44:785F	06-107/09:09:23	1TI
68	107 22:46:29	31			CC1PHP	SCAN PLAT SUPL HTR ON			03303:44:785F	06-107/09:09:23	1TI
69	107 22:46:29	31			CC77MRP	MAM OFF			03303:44:785F	06-107/09:09:23	1TI

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70	107 22:46:29	31			DC77PR	NON-PRIME FCP/MEM OFF			03303:44:785F	06-107/09:09:23	1TI
71	107 22:46:29	31			DC77XR	MAM COMMAND DISABLE			03303:44:785F	06-107/09:09:23	1TI
72	107 22:46:29	31				PYRO STATUS			03303:44:785F	06-107/09:09:23	1TI
73	107 22:46:29	31			CC8D	PSU INSTRUMENTATION ON			03303:44:785F	06-107/09:09:23	1TI
74	107 22:46:29	31			DC8XR	PYRO DISABLE			03303:44:785F	06-107/09:09:23	1TI
75	107 22:46:29	31				PROPULSION STATUS			03303:44:785F	06-107/09:09:23	1TI
76	107 22:46:29	31			CC10CRP	TCM HTR OFF			03303:44:785F	06-107/09:09:23	1TI
77	107 22:46:29	31			CC10DR	AP BR1 HTR OFF			03303:44:785F	06-107/09:09:23	1TI
78	107 22:46:29	31			CC10ER	AP BR2 HTR OFF			03303:44:785F	06-107/09:09:23	1TI
79	107 22:46:29	31			CC10TRP	TCM LINE HTRS OFF			03303:44:785F	06-107/09:09:23	1TI
80	107 22:46:29	31				DSS STATUS			03303:44:785F	06-107/09:09:23	1TI
81	107 22:46:29	31			CC16BR	DSS 10 W REPL HTR OFF			03303:44:785F	06-107/09:09:23	1TI
82	107 22:46:29	31			CC16AP	DSS ON			03303:44:785F	06-107/09:09:23	1TI
83	107 22:46:29	31			CC1DR	BAY 2 19 W HTR OFF			03303:44:785F	06-107/09:09:23	1TI
84	107 22:46:29	31			CC16C	7213 DSS CONTROL			03303:44:785F	06-107/09:09:23	1TI
85	107 22:46:29	31				SCIENCE PWR STATUS			03303:44:785F	06-107/09:09:23	1TI
86	107 22:46:29	31			CC1CR	MAG COIL OFF			03303:44:785F	06-107/09:09:23	1TI
87	107 22:46:29	31			CC21A	CRS ON			03303:44:785F	06-107/09:09:23	1TI
88	107 22:46:29	31			CC21B	CRS REPL HTR ON			03303:44:785F	06-107/09:09:23	1TI
89	107 22:46:29	31			CC21CR	CRS SUPP HTR OFF			03303:44:785F	06-107/09:09:23	1TI
90	107 22:46:29	31			CC22A	PRA ON			03303:44:785F	06-107/09:09:23	1TI
91	107 22:46:29	31			CC23A	PWS ON			03303:44:785F	06-107/09:09:23	1TI
92	107 22:46:29	31			CC25A	LECP ON			03303:44:785F	06-107/09:09:23	1TI

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
93	107 22:46:29	31			CC25B	LECP STEPPER MOTOR ON			03303:44:785F	06-107/09:09:23	1TI
94	107 22:46:29	31			CC25CR	LECP REPL HTR OFF			03303:44:785F	06-107/09:09:23	1TI
95	107 22:46:29	31			CC25D	LECP MAIN SUPP HTR ON			03303:44:785F	06-107/09:09:23	1TI
96	107 22:46:29	31			CC25E	LECP LEPT SUPP HTR ON			03303:44:785F	06-107/09:09:23	1TI
97	107 22:46:29	31			CC27BR	PPS SUPP HTR OFF			03303:44:785F	06-107/09:09:23	1TI
98	107 22:46:29	31			CC32A	PLS ON			03303:44:785F	06-107/09:09:23	1TI
99	107 22:46:29	31			CC32BR	PLS SUPP HTR OFF			03303:44:785F	06-107/09:09:23	1TI
100	107 22:46:29	31			CC32C	PLS REPL HTR ON			03303:44:785F	06-107/09:09:23	1TI
101	107 22:46:29	31			CC34A	UVS ON			03303:44:785F	06-107/09:09:23	1TI
102	107 22:46:29	31			CC34B	UVS REPL HTR ON			03303:44:785F	06-107/09:09:23	1TI
103	107 22:46:29	31			CC35AR	MAG OFF			03303:44:785F	06-107/09:09:23	1TI
104	107 22:46:29	31			CC35B	MAG STANDBY ON			03303:44:785F	06-107/09:09:23	1TI
105	107 22:46:29	31			CC35GR	MAG SENSOR HTR OFF			03303:44:785F	06-107/09:09:23	1TI
106	107 22:46:29	31			CC36GR	ISS WA VID REPL HTR OFF			03303:44:785F	06-107/09:09:23	1TI
107	107 22:46:29	31			CC36HR	ISS WA ELEC REPL HTR OFF			03303:44:785F	06-107/09:09:23	1TI
108	107 22:46:29	31			CC36CRP	ISS NA OPTICS HTR OFF			03303:44:785F	06-107/09:09:23	1TI
109	107 22:46:29	31			CC36FRP	ISS NA VID REPL HTR OFF			03303:44:785F	06-107/09:09:23	1TI
110	107 22:46:29	31			CC36JP	ISS NA ELEC REPL HTR ON			03303:44:785F	06-107/09:09:23	1TI
111	107 22:46:29	31			CC39D	IRIS REPL HTR ON			03303:44:785F	06-107/09:09:23	1TI
112	107 22:46:29	31			CC39FR	IRIS STANDBY A SUPPLY OFF			03303:44:785F	06-107/09:09:23	1TI
113	107 22:46:29	31			CC39BR	IRIS STANDBY B SUPPLY OFF			03303:44:785F	06-107/09:09:23	1TI
114	107 22:46:29	31				SCIENCE INSTRUMENT STATUS			03303:44:785F	06-107/09:09:23	1TI
115	107 22:46:29	31			SC21AF	01000 CRS CMD WORD			03303:44:785F	06-107/09:09:23	1TI

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT 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	107 22:46:29	31			SC21AF	02000 CRS CMD WORD			03303:44:785F	06-107/09:09:23	1TI
117	107 22:46:29	31			SC21AF	03000 CRS CMD WORD			03303:44:785F	06-107/09:09:23	1TI
118	107 22:46:29	31			SC21AF	04000 CRS CMD WORD			03303:44:785F	06-107/09:09:23	1TI
119	107 22:46:29	31			SC21AF	05300 CRS CMD WORD			03303:44:785F	06-107/09:09:23	1TI
120	107 22:46:29	31			SC21AF	06000 CRS CMD WORD			03303:44:785F	06-107/09:09:23	1TI
121	107 22:46:29	31			SC21AF	07200 CRS CMD WORD			03303:44:785F	06-107/09:09:23	1TI
122	107 22:46:29	31			SC21AF	08200 CRS CMD WORD			03303:44:785F	06-107/09:09:23	1TI
123	107 22:46:29	31			SC21AF	10000 CRS CMD WORD			03303:44:785F	06-107/09:09:23	1TI
124	107 22:46:29	31			SC21AF	11000 CRS CMD WORD			03303:44:785F	06-107/09:09:23	1TI
125	107 22:46:29	31			SC21AF	12000 CRS CMD WORD			03303:44:785F	06-107/09:09:23	1TI
126	107 22:46:29	31			SC21AF	13012 CRS CMD WORD			03303:44:785F	06-107/09:09:23	1TI
127	107 22:46:29	31			SC21AG	CRS HV FLAG			03303:44:785F	06-107/09:09:23	1TI
128	107 22:46:29	31			SC21AH	CRS CAL-ST FLAG			03303:44:785F	06-107/09:09:23	1TI
129	107 22:46:29	31			SC22AF	1347 PRA CONFIGURATION CMD			03303:44:785F	06-107/09:09:23	1TI
130	107 22:46:29	31			SC22NU	0000 PRA MODE SELECT			03303:44:785F	06-107/09:09:23	1TI
131	107 22:46:29	31			SC23AD	5 PWS CMD WORD			03303:44:785F	06-107/09:09:23	1TI
132	107 22:46:29	31			SC25AH	1777 LECP CMD WORD			03303:44:785F	06-107/09:09:23	1TI
133	107 22:46:29	31			SC25AH	2417 LECP CMD WORD			03303:44:785F	06-107/09:09:23	1TI
134	107 22:46:29	31			SC25AH	5600 LECP CMD WORD			03303:44:785F	06-107/09:09:23	1TI
135	107 22:46:29	31			SC25AH	6032 LECP CMD WORD			03303:44:785F	06-107/09:09:23	1TI
136	107 22:46:29	31			SC25AJ	1 LECP MOTOR STEP CMD			03303:44:785F	06-107/09:09:23	1TI
137	107 22:46:29	31			SC25AN	0 LECP NEAR/FAR ENC			03303:44:785F	06-107/09:09:23	1TI
138	107 22:46:29	31			SC25AQ	5200 LECP SAFE CMD			03303:44:785F	06-107/09:09:23	1TI

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139	107 22:46:29	31			SC32AF	2 PLS E1 INT/AMP GAIN			03303:44:785F	06-107/09:09:23	1TI
140	107 22:46:29	31			SC32AG	2 PLS E2 INT/AMP GAIN			03303:44:785F	06-107/09:09:23	1TI
141	107 22:46:29	31			SC32AH	3 PLS M INT/AMP GAIN			03303:44:785F	06-107/09:09:23	1TI
142	107 22:46:29	31			SC32AJ	13 PLS CONFIG CMD			03303:44:785F	06-107/09:09:23	1TI
143	107 22:46:29	31			SC32AK	2 PLS L INT/AMP GAIN			03303:44:785F	06-107/09:09:23	1TI
144	107 22:46:29	31			SC32AL	216 PLS M START WORD 1			03303:44:785F	06-107/09:09:23	1TI
145	107 22:46:29	31			SC32AM	216 PLS M START WORD 2			03303:44:785F	06-107/09:09:23	1TI
146	107 22:46:29	31			SC32AN	2 PLS M MODE			03303:44:785F	06-107/09:09:23	1TI
147	107 22:46:29	31			SC32AP	3 PLS E1 SHRT			03303:44:785F	06-107/09:09:23	1TI
148	107 22:46:29	31			SC32AQ	3 PLS E2 SHRT			03303:44:785F	06-107/09:09:23	1TI
149	107 22:46:29	31			SC32AR	3 PLS L SHORT			03303:44:785F	06-107/09:09:23	1TI
150	107 22:46:29	31			SC32AS	2 PLS E1 LONG			03303:44:785F	06-107/09:09:23	1TI
151	107 22:46:29	31			SC32AT	2 PLS E2 LONG			03303:44:785F	06-107/09:09:23	1TI
152	107 22:46:29	31			SC32AU	2 PLS L LONG			03303:44:785F	06-107/09:09:23	1TI
153	107 22:46:29	31			SC34AE	13 UVS MODE/HV LEVEL			03303:44:785F	06-107/09:09:23	1TI
154	107 22:46:29	31			SC34AF	0 UVS READ OUT FLAG			03303:44:785F	06-107/09:09:23	1TI
155	107 22:46:29	31			SC35AI	030001 MAG HFM/EL FLIP/IFC/LFM			03303:44:785F	06-107/09:09:23	1TI
156	107 22:46:29	31			SC35AO	030001 MAG HFM/PRIME/IFC/LFM RAN			03303:44:785F	06-107/09:09:23	1TI
157	107 22:46:30	31				BEGIN SEQUENCE A059 -- LOCK STAR			03303:45:001F	06-107/09:09:23	1T
158	108 00:00:00	31				VGR-31 OWLT IS 13H 37M 06S					1L
159	108 00:20:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0480 (U/L PASS)					1DP
160	108 05:24:26	31	10RISE			10.2 DEGREE RISE DSC-10					1V
161	108 07:50:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0481 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
179	108 18:43:14	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:3 TIC:1140	DTR		03328:40:735F	06-108/05:06:08	1ESd
180	108 18:43:18	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	03328:41:001F	06-108/05:06:11	1ESf
181	108 18:43:18	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		03328:41:002F	06-108/05:06:12	1ECs
182	108 18:43:19	31				B- DRCRUS			03328:41:018F	06-108/05:06:12	1TB
183	108 18:43:19	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		03328:41:026F	06-108/05:06:13	1ECf
184	108 18:44:06	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	03328:42:001F	06-108/05:06:59	1ESf
185	108 18:44:06	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		03328:42:002F	06-108/05:07:00	1ECd
186	108 18:44:06	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:1433	DTR		03328:42:002F	06-108/05:07:00	1ESd
187	108 18:44:06	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		03328:42:002F	06-108/05:07:00	1ECs

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
188	108 18:44:54	31			SC32AJ	(13) PLS CONFIG CMD	FDS		03328:43:010F	06-108/05:07:48	1ECf
189	108 18:44:55	31				END PWSREC.31			03328:43:018F	06-108/05:07:48	1T
190	108 21:47:41	31	60RISE			10.2 DEGREE RISE DSC-60					1V
191	108 21:54:52	31	40 SET			10.2 DEGREE SET DSC-40					1V
192	109 00:00:00	31				VGR-31 OWLT IS 13H 37M 06S					1L
193	109 01:05:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0481 (D/L ONLY)					1DP
194	109 01:05:00	31				CFG CODES					1DP
195	109 05:20:28	31	10RISE			10.2 DEGREE RISE DSC-10					1V
196	109 05:25:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0481 (D/L ONLY)					1DP
197	109 05:25:00	31				CFG CODES					1DP
198	109 05:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0481					1DP
199	109 07:30:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0482 (D/L ONLY)					1DP
200	109 07:30:00	31				CFG CODES					1DP
201	109 07:50:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0481					1DP
202	109 08:55:29	31	60 SET			15.3 DEGREE SET DSC-60					1V
203	109 12:00:00	31				VGR-31 OWLT IS 13H 37M 06S					1L
204	109 12:48:57	31	40RISE			10.2 DEGREE RISE DSC-40					1V
205	109 13:45:42	31			AC7SSB	(4 +155) SS BIAS CONTROL --- YAW	AACS		03352:29:003F	06-109/00:08:36	1ECa
206	109 14:00:06	31				B- MISCMD			03352:47:001F	06-109/00:22:59	1TB
207	109 14:00:06	31				MISCMD - PLS M-START WORD			03352:47:001F	06-109/00:22:59	1T
208	109 14:00:06	31			SC32AM	(000) PLS M-MODE START WD 2	FDS		03352:47:009F	06-109/00:23:00	1ECf
209	109 14:45:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0482					1DP

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
210	109 16:48:25	31	10	SET		10.2 DEGREE SET DSC-10					1V
211	109 21:43:43	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
212	109 21:50:53	31	40	SET		10.2 DEGREE SET DSC-40					1V
213	109 23:50:00	31	63	AOS	OPCH ACE	AOS DSS-63 PASS-0482 (D/L ONLY)					1DP
214	109 23:50:00	31				CFG CODES					1DP
215	110 00:00:00	31				VGR-31 OWLT IS 13H 37M 06S					1L
216	110 05:16:30	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
217	110 05:30:00	31	65	AOS	OPCH ACE	AOS DSS-65 PASS-0482 (D/L ONLY)					1DP
218	110 05:30:00	31				CFG CODES					1DP
219	110 05:45:00	31	63	LOS	OPCH ACE	LOS DSS-63 PASS-0482					1DP
220	110 07:30:00	31	25	AOS	OPCH ACE	AOS DSS-25 PASS-0483 (D/L ONLY)					1DP
221	110 07:30:00	31				CFG CODES					1DP
222	110 07:45:00	31	65	LOS	OPCH ACE	LOS DSS-65 PASS-0482					1DP
223	110 08:51:30	31	60	SET		15.3 DEGREE SET DSC-60					1V
224	110 12:00:00	31				VGR-31 OWLT IS 13H 37M 06S					1L
225	110 12:45:00	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
226	110 15:00:00	31	25	LOS	OPCH ACE	LOS DSS-25 PASS-0483					1DP
227	110 16:44:28	31	10	SET		10.2 DEGREE SET DSC-10					1V
228	110 21:39:45	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
229	110 21:46:55	31	40	SET		10.2 DEGREE SET DSC-40					1V
230	110 23:00:00	31	65	AOS	OPCH ACE	AOS DSS-65 PASS-0483 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
231	110 23:00:00	31				CFG CODES					1DP
232	111 00:00:00	31				VGR-31 OWLT IS 13H 37M 06S					1L
233	111 05:05:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0483 (D/L ONLY)					1DP
234	111 05:05:00	31				CFG CODES					1DP
235	111 05:12:32	31	10RISE			10.2 DEGREE RISE DSC-10					1V
236	111 05:25:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0483					1DP
237	111 07:55:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0484 (D/L ONLY)					1DP
238	111 07:55:00	31				CFG CODES					1DP
239	111 08:10:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0483					1DP
240	111 08:47:31	31	60 SET			15.3 DEGREE SET DSC-60					1V
241	111 12:00:00	31				VGR-31 OWLT IS 13H 37M 06S					1L
242	111 12:41:04	31	40RISE			10.2 DEGREE RISE DSC-40					1V
243	111 14:45:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0484					1DP
244	111 16:40:32	31	10 SET			10.2 DEGREE SET DSC-10					1V
245	111 21:35:46	31	60RISE			10.2 DEGREE RISE DSC-60					1V
246	111 21:40:54	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		03422:23:002F	06-111/08:03:48	1ECd
247	111 21:40:54	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1439	DTR		03422:23:002F	06-111/08:03:48	1ESd
248	111 21:42:57	31	40 SET			10.2 DEGREE SET DSC-40					1V
249	111 22:50:52	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		03423:50:363F	06-111/09:13:45	1ECd

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
264	112 00:42:30	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		03426:10:009F	06-111/11:05:24	1ECf
265	112 00:42:31	31				B- DRGS4B			03426:10:018F	06-111/11:05:24	1TB
266	112 00:43:14	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		03426:10:735F	06-111/11:06:08	1ECd
267	112 00:43:14	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:2951	DTR		03426:10:735F	06-111/11:06:08	1ESd
268	112 00:43:15	31				BEGIN RECORDING PWS DATA			03426:10:751F	06-111/11:06:08	1T
269	112 00:43:18	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	03426:11:001F	06-111/11:06:11	1ESf
270	112 00:43:18	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		03426:11:002F	06-111/11:06:12	1ECs
271	112 00:43:19	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		03426:11:026F	06-111/11:06:13	1ECf
272	112 00:43:20	31				B- DRCRUS			03426:11:034F	06-111/11:06:13	1TB
273	112 00:44:06	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	03426:12:001F	06-111/11:06:59	1ESf
274	112 00:44:06	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		03426:12:002F	06-111/11:07:00	1ECd

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
275	112 00:44:06	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:2658	DTR		03426:12:002F	06-111/11:07:00	1ESd
276	112 00:44:06	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		03426:12:002F	06-111/11:07:00	1ECs
277	112 00:44:54	31			SC32AJ	(13) PLS CONFIG CMD	FDS		03426:13:009F	06-111/11:07:48	1ECf
278	112 00:44:56	31				END PWSREC.31			03426:13:034F	06-111/11:07:49	1T
279	112 02:50:30	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		03428:50:002F	06-111/13:13:24	1ECd
280	112 02:50:30	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2652	DTR		03428:50:002F	06-111/13:13:24	1ESd
281	112 03:46:37	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		03430:00:120F	06-111/14:09:31	1ECd
282	112 03:46:37	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1439	DTR		03430:00:120F	06-111/14:09:31	1ESd
283	112 05:08:33	31	10RISE			10.2 DEGREE RISE DSC-10					1V
284	112 05:50:30	31			CC16C	(7013) DTR STATE SELECT: READY	DTR		03432:35:002F	06-111/16:13:24	1ECd
285	112 05:50:30	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:1439	DTR		03432:35:002F	06-111/16:13:24	1ESd
286	112 07:25:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0485 (D/L ONLY)					1DP
287	112 07:25:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT 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	112 07:45:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0484					1DP
289	112 08:43:32	31	60 SET			15.3 DEGREE SET DSC-60					1V
290	112 12:00:00	31				VGR-31 OWLT IS 13H 37M 06S					1L
291	112 12:37:07	31	40RISE			10.2 DEGREE RISE DSC-40					1V
292	112 15:45:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0485					1DP
293	112 16:36:35	31	10 SET			10.2 DEGREE SET DSC-10					1V
294	112 21:31:48	31	60RISE			10.2 DEGREE RISE DSC-60					1V
295	112 21:38:58	31	40 SET			10.2 DEGREE SET DSC-40					1V
296	112 23:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0485 (D/L ONLY)					1DP
297	112 23:45:00	31				CFG CODES					1DP
298	113 00:00:00	31				VGR-31 OWLT IS 13H 37M 06S					1L
299	113 05:04:35	31	10RISE			10.2 DEGREE RISE DSC-10					1V
300	113 07:35:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0486 (D/L ONLY)					1DP
301	113 07:35:00	31				CFG CODES					1DP
302	113 07:50:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0485					1DP
303	113 08:39:33	31	60 SET			15.3 DEGREE SET DSC-60					1V
304	113 12:00:00	31				VGR-31 OWLT IS 13H 37M 06S					1L
305	113 12:33:11	31	40RISE			10.2 DEGREE RISE DSC-40					1V
306	113 15:35:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0486					1DP
307	113 16:32:38	31	10 SET			10.2 DEGREE SET DSC-10					1V
308	113 21:27:49	31	60RISE			10.2 DEGREE RISE DSC-60					1V
309	113 21:35:00	31	40 SET			10.2 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
310	113 23:50:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0486 (D/L ONLY)					1DP
311	113 23:50:00	31				CFG CODES					1DP
312	114 00:00:00	31				VGR-31 OWLT IS 13H 37M 06S					1L
313	114 05:00:37	31	10RISE			10.2 DEGREE RISE DSC-10					1V
314	114 07:45:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0487 (D/L ONLY)					1DP
315	114 07:45:00	31				CFG CODES					1DP
316	114 08:05:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0486					1DP
317	114 08:35:34	31	60 SET			15.4 DEGREE SET DSC-60					1V
318	114 11:30:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0487 (D/L ONLY)					1DP
319	114 11:30:00	31				CFG CODES					1DP
320	114 11:50:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0487					1DP
321	114 12:00:00	31				VGR-31 OWLT IS 13H 37M 07S					1L
322	114 12:29:14	31	40RISE			10.2 DEGREE RISE DSC-40					1V
323	114 14:45:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0487					1DP
324	114 15:15:19	31			AC7SSB	(4 +154) SS BIAS CONTROL --- YAW	AACS		03504:21:003F	06-114/01:38:12	1ECa
325	114 16:28:42	31	10 SET			10.2 DEGREE SET DSC-10					1V
326	114 21:23:51	31	60RISE			10.2 DEGREE RISE DSC-60					1V
327	114 21:31:01	31	40 SET			10.2 DEGREE SET DSC-40					1V
328	114 22:15:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0487 (U/L PASS)					1DP
329	115 00:00:00	31				VGR-31 OWLT IS 13H 37M 07S					1L
330	115 04:56:39	31	10RISE			10.2 DEGREE RISE DSC-10					1V
331	115 08:00:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0488 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
349	115 18:18:31	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		03538:10:009F	06-115/04:41:24	1ECf
350	115 18:19:15	31				BEGIN RECORDING PWS DATA			03538:10:734F	06-115/04:42:07	1T
351	115 18:19:15	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		03538:10:735F	06-115/04:42:08	1ECd
352	115 18:19:15	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:3 TIC:1439	DTR		03538:10:735F	06-115/04:42:08	1ESd
353	115 18:19:19	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	03538:11:001F	06-115/04:42:11	1ESf
354	115 18:19:19	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		03538:11:002F	06-115/04:42:12	1ECs
355	115 18:19:20	31				B- DRCRUS			03538:11:018F	06-115/04:42:12	1TB
356	115 18:19:20	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		03538:11:026F	06-115/04:42:13	1ECf
357	115 18:20:07	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	03538:12:001F	06-115/04:42:59	1ESf
358	115 18:20:07	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		03538:12:002F	06-115/04:43:00	1ECd

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
359	115 18:20:07	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:1732	DTR		03538:12:002F	06-115/04:43:00	1ESd
360	115 18:20:07	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		03538:12:002F	06-115/04:43:00	1ECs
361	115 18:20:55	31			SC32AJ	(13) PLS CONFIG CMD	FDS		03538:13:010F	06-115/04:43:48	1ECF
362	115 18:20:56	31				END PWSREC.31			03538:13:018F	06-115/04:43:48	1T
363	115 21:19:53	31	60RISE			10.2 DEGREE RISE DSC-60					1V
364	115 21:27:03	31	40 SET			10.2 DEGREE SET DSC-40					1V
365	115 22:00:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0488 (D/L ONLY)					1DP
366	115 22:00:00	31				CFG CODES					1DP
367	116 00:00:00	31				VGR-31 OWLT IS 13H 37M 07S					1L
368	116 04:52:41	31	10RISE			10.2 DEGREE RISE DSC-10					1V
369	116 05:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0488					1DP
370	116 05:45:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0489 (D/L ONLY)					1DP
371	116 05:45:00	31				CFG CODES					1DP
372	116 08:27:36	31	60 SET			15.4 DEGREE SET DSC-60					1V
373	116 09:08:07	31				TAPPOS-0210			03556:42:001F	06-115/19:30:59	1T
374	116 09:08:07	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		03556:42:002F	06-115/19:31:00	1ECd
375	116 09:08:07	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:1738	DTR		03556:42:002F	06-115/19:31:00	1ESd

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
454	117 15:39:20	31				B- DRCRUS			03594:51:001F	06-117/02:02:11	1TB
455	117 15:39:20	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		03594:51:009F	06-117/02:02:12	1ECf
456	117 15:40:08	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	03594:52:001F	06-117/02:02:59	1ESf
457	117 15:40:08	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		03594:52:002F	06-117/02:03:00	1ECs
458	117 15:40:08	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		03594:52:003F	06-117/02:03:00	1ECd
459	117 15:40:08	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:1974	DTR		03594:52:003F	06-117/02:03:00	1ESd
460	117 15:40:08	31			CC6AD	(3 2 0 0) SVC-W4 FDS MEM B WRT PROTECT	FDS		03594:52:003F	06-117/02:03:00	1ECf
461	117 15:40:08	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	03594:52:003F	06-117/02:03:00	1ESf
462	117 15:40:09	31				END PLAYBACK			03594:52:018F	06-117/02:03:00	1T
463	117 15:54:32	31				B- YAWDB			03595:10:001F	06-117/02:17:23	1TB
464	117 15:54:32	31				YAWDB - .10			03595:10:001F	06-117/02:17:23	1T
465	117 15:54:32	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		03595:10:004F	06-117/02:17:24	1ECa
466	117 16:00:00	31	14 LOS	OPCH	ACE	LOS DSS-14 PASS-0490					1DP

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
467	117 16:15:00	31	43 LOS	OPCH ACE		LOS DSS-43 PASS-0490					1DP
468	117 16:16:51	31	10 SET			10.2 DEGREE SET DSC-10					1V
469	117 21:11:56	31	60RISE			10.2 DEGREE RISE DSC-60					1V
470	117 21:19:06	31	40 SET			10.2 DEGREE SET DSC-40					1V
471	117 23:00:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0490 (D/L ONLY)					1DP
472	117 23:00:00	31				CFG CODES					1DP
473	118 00:00:00	31				VGR-31 OWLT IS 13H 37M 08S					1L
474	118 01:05:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0490					1DP
475	118 04:00:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0490 (D/L ONLY)					1DP
476	118 04:00:00	31				CFG CODES					1DP
477	118 04:44:44	31	10RISE			10.2 DEGREE RISE DSC-10					1V
478	118 07:28:09	31				TAPPOS-2045			03614:37:001F	06-117/17:50:59	1T
479	118 07:28:09	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		03614:37:001F	06-117/17:50:59	1ECd
480	118 07:28:09	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1975	DTR		03614:37:001F	06-117/17:50:59	1ESd
481	118 07:30:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0491 (D/L ONLY)					1DP
482	118 07:30:00	31				CFG CODES					1DP
483	118 07:31:23	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		03614:41:040F	06-117/17:54:14	1ECd
484	118 07:31:23	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2045	DTR		03614:41:040F	06-117/17:54:14	1ESd

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
485	118 07:49:45	31				B- GYONBC.31			03615:04:001F	06-117/18:12:35	1TB
486	118 07:49:45	31				BEGIN GYONBC31			03615:04:001F	06-117/18:12:35	1T
487	118 07:49:45	31			AC7GYP	(111) DRIRU PATTERN CONTROL GYRO/AXIS=B/PITCH C/YAW & ROLL	AACS		03615:04:003F	06-117/18:12:36	1ECa
488	118 07:49:45	31			CC7GARP	GYRO A OFF	PWR		03615:04:004F	06-117/18:12:36	1ECp
489	118 07:49:45	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS	03615:04:004F	06-117/18:12:36	1ESa	
490	118 07:49:45	31			CC7GARP	GYRO A OFF	PWR		03615:04:006F	06-117/18:12:36	1ECp
491	118 07:49:45	31			CC7PC	(352) GYRO A OFF	AACS		03615:04:008F	06-117/18:12:36	1ECa
492	118 07:49:45	31			CC7GCP	GYRO C ON	PWR		03615:04:009F	06-117/18:12:36	1ECp
493	118 07:49:45	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: ON	AACS	03615:04:009F	06-117/18:12:36	1ESa	
494	118 07:49:46	31			CC7GCP	GYRO C ON	PWR		03615:04:011F	06-117/18:12:36	1ECp
495	118 07:49:46	31			CC7PC	(373) GYRO C ON	AACS		03615:04:013F	06-117/18:12:36	1ECa
496	118 07:49:46	31			CC7GBP	GYRO B ON	PWR		03615:04:014F	06-117/18:12:36	1ECp
497	118 07:49:46	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS	03615:04:014F	06-117/18:12:36	1ESa	
498	118 07:49:46	31			CC7GBP	GYRO B ON	PWR		03615:04:016F	06-117/18:12:36	1ECp
499	118 07:49:46	31			CC7PC	(363) GYRO B ON	AACS		03615:04:018F	06-117/18:12:36	1ECa

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
500	118 07:50:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0490					1DP
501	118 07:50:14	31				DRIRU INITIALIZATION			03615:04:484F	06-117/18:13:04	1T
502	118 07:50:15	31			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		03615:04:502F	06-117/18:13:06	1ECa
503	118 07:50:44	31				SET CALIB			03615:05:184F	06-117/18:13:34	1T
504	118 07:50:45	31			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		03615:05:204F	06-117/18:13:36	1ECa
505	118 07:59:44	31				START GYRO FAULT TEST			03615:16:384F	06-117/18:22:34	1T
506	118 07:59:45	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		03615:16:402F	06-117/18:22:36	1ECa
507	118 07:59:46	31				END GYONBC31			03615:16:418F	06-117/18:22:36	1T
508	118 08:19:40	31	60 SET			15.4 DEGREE SET DSC-60					1V
509	118 08:49:45	31				B- CCSTIMB			03616:19:001F	06-117/19:12:35	1TB
510	118 08:49:45	31				EXECUTE CCSTIMB FINE			03616:19:001F	06-117/19:12:35	1T
511	118 10:16:09	31				FWD/TRK 3			03618:07:001F	06-117/20:38:59	1T
512	118 10:16:09	31			CC16C	(7013) DTR STATE SELECT: READY	DTR		03618:07:002F	06-117/20:38:59	1ECd
513	118 10:16:09	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:2045	DTR		03618:07:002F	06-117/20:38:59	1ESd
514	118 12:00:00	31				VGR-31 OWLT IS 13H 37M 09S					1L
515	118 12:13:28	31	40RISE			10.2 DEGREE RISE DSC-40					1V
516	118 16:12:55	31	10 SET			10.2 DEGREE SET DSC-10					1V
517	118 16:25:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0491					1DP
518	118 21:07:57	31	60RISE			10.2 DEGREE RISE DSC-60					1V
519	118 21:15:08	31	40 SET			10.2 DEGREE SET DSC-40					1V
520	118 21:16:57	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		03631:53:002F	06-118/07:39:48	1ECd

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
534	119 00:17:46	31				AHEL11 PWSREC 04			03635:39:018F	06-118/10:40:36	1T
535	119 00:17:46	31				B- PWSREC.31			03635:39:018F	06-118/10:40:36	1TB
536	119 00:17:46	31				BEGIN PWSREC.31			03635:39:018F	06-118/10:40:36	1T
537	119 00:18:33	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		03635:40:009F	06-118/10:41:24	1ECf
538	119 00:18:34	31				B- DRGS4B			03635:40:018F	06-118/10:41:24	1TB
539	119 00:19:17	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		03635:40:735F	06-118/10:42:08	1ECd
540	119 00:19:17	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:2653	DTR		03635:40:735F	06-118/10:42:08	1ESd
541	119 00:19:18	31				BEGIN RECORDING PWS DATA			03635:40:751F	06-118/10:42:08	1T
542	119 00:19:21	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	03635:41:001F	06-118/10:42:11	1ESf
543	119 00:19:21	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		03635:41:002F	06-118/10:42:12	1ECs
544	119 00:19:22	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		03635:41:026F	06-118/10:42:13	1ECf
545	119 00:19:23	31				B- DRCRUS			03635:41:034F	06-118/10:42:13	1TB

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
546	119 00:20:09	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	03635:42:001F	06-118/10:42:59	1ESf
547	119 00:20:09	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		03635:42:002F	06-118/10:43:00	1ECd
548	119 00:20:09	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:2360	DTR		03635:42:002F	06-118/10:43:00	1ESd
549	119 00:20:09	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		03635:42:002F	06-118/10:43:00	1ECs
550	119 00:20:57	31			SC32AJ	(13) PLS CONFIG CMD	FDS		03635:43:009F	06-118/10:43:48	1ECf
551	119 00:20:59	31				END PWSREC.31			03635:43:034F	06-118/10:43:49	1T
552	119 02:26:33	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		03638:20:002F	06-118/12:49:24	1ECd
553	119 02:26:33	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2354	DTR		03638:20:002F	06-118/12:49:24	1ESd
554	119 02:40:49	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		03638:37:668F	06-118/13:03:39	1ECd
555	119 02:40:49	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:2045	DTR		03638:37:668F	06-118/13:03:39	1ESd
556	119 04:40:46	31	10RISE			10.2 DEGREE RISE DSC-10					1V
557	119 05:26:33	31			CC16C	(7013) DTR STATE SELECT: READY	DTR		03642:05:002F	06-118/15:49:24	1ECd

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
558	119 05:26:33	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:2045	DTR		03642:05:002F	06-118/15:49:24	1ESd
559	119 06:55:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0492 (D/L ONLY)					1DP
560	119 06:55:00	31				CFG CODES					1DP
561	119 07:15:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0491					1DP
562	119 08:15:41	31	60 SET			15.4 DEGREE SET DSC-60					1V
563	119 12:00:00	31				VGR-31 OWLT IS 13H 37M 10S					1L
564	119 12:09:31	31	40RISE			10.2 DEGREE RISE DSC-40					1V
565	119 15:25:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0492					1DP
566	119 16:08:58	31	10 SET			10.2 DEGREE SET DSC-10					1V
567	119 16:44:58	31			AC7SSB	(4 +153) SS BIAS CONTROL --- YAW	AACS		03656:13:003F	06-119/03:07:48	1ECa
568	119 21:03:59	31	60RISE			10.2 DEGREE RISE DSC-60					1V
569	119 21:11:09	31	40 SET			10.2 DEGREE SET DSC-40					1V
570	119 23:15:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0492 (D/L ONLY)					1DP
571	119 23:15:00	31				CFG CODES					1DP
572	120 00:00:00	31				VGR-31 OWLT IS 13H 37M 10S					1L
573	120 04:36:47	31	10RISE			10.2 DEGREE RISE DSC-10					1V
574	120 08:10:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0493 (D/L ONLY)					1DP
575	120 08:10:00	31				CFG CODES					1DP
576	120 08:11:42	31	60 SET			15.4 DEGREE SET DSC-60					1V
577	120 08:25:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0492					1DP

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
578	120 12:00:00	31				VGR-31 OWLT IS 13H 37M 10S					1L
579	120 12:05:34	31	40RISE			10.2 DEGREE RISE DSC-40					1V
580	120 15:15:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0493					1DP
581	120 16:05:01	31	10 SET			10.2 DEGREE SET DSC-10					1V
582	120 21:00:00	31	60RISE			10.2 DEGREE RISE DSC-60					1V
583	120 21:07:11	31	40 SET			10.2 DEGREE SET DSC-40					1V
584	120 22:45:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0493 (U/L PASS)					1DP
585	121 00:00:00	31				VGR-31 OWLT IS 13H 37M 11S					1L
586	121 04:32:49	31	10RISE			10.2 DEGREE RISE DSC-10					1V
587	121 08:07:43	31	60 SET			15.4 DEGREE SET DSC-60					1V
588	121 08:25:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0494 (D/L ONLY)					1DP
589	121 08:25:00	31				CFG CODES					1DP
590	121 08:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0493					1DP
591	121 12:00:00	31				VGR-31 OWLT IS 13H 37M 11S					1L
592	121 12:01:38	31	40RISE			10.2 DEGREE RISE DSC-40					1V
593	121 15:10:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0494					1DP
594	121 16:01:04	31	10 SET			10.2 DEGREE SET DSC-10					1V
595	121 20:56:02	31	60RISE			10.2 DEGREE RISE DSC-60					1V
596	121 21:03:12	31	40 SET			10.2 DEGREE SET DSC-40					1V
597	121 23:15:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0494 (D/L ONLY)					1DP
598	121 23:15:00	31				CFG CODES					1DP
599	122 00:00:00	31				VGR-31 OWLT IS 13H 37M 12S					1L

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
611	122 08:49:48	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					
612	122 08:50:36	31		ACE OPCH			FDS	CE-40	03736:20:001F	06-121/19:13:23	1ESF
						FDS STATUS EL-40/X40/S40 MEM:PA/FDS11					
613	122 08:50:36	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		03736:20:002F	06-121/19:13:24	1ECs
614	122 09:05:48	31				.05 ALL AXES DEADBAND			03736:39:001F	06-121/19:28:35	1T
615	122 09:05:48	31			AC7DDB	(000480) CHG TO .05 DEG DEADBAND	AACS		03736:39:003F	06-121/19:28:36	1ECa
616	122 09:21:48	31			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		03736:59:002F	06-121/19:44:36	1ECa
617	122 09:21:48	31				AACS STATUS MODE : AAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		03736:59:002F	06-121/19:44:36	1ESa
618	122 09:21:48	31			CC7GARP	GYRO A OFF	PWR		03736:59:003F	06-121/19:44:36	1ECp
619	122 09:21:48	31			CC7GARP	GYRO A OFF	PWR		03736:59:005F	06-121/19:44:36	1ECp
620	122 09:21:48	31			CC7PC	(352) GYRO A OFF	AACS		03736:59:007F	06-121/19:44:36	1ECa
621	122 09:21:48	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		03736:59:008F	06-121/19:44:36	1ECp
622	122 09:21:48	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		03736:59:010F	06-121/19:44:36	1ECp
623	122 09:21:49	31			CC7PC	(312) DUMMY PWR CMD	AACS		03736:59:012F	06-121/19:44:36	1ECa

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
624	122 09:22:35	31	14	OPCH 14		ASCAL =====					1TD
						START YAW DRIFT TURNS					
625	122 09:22:36	31				START FIRST YAW DRIFT TURN			03737:00:001F	06-121/19:45:23	1T
626	122 09:22:36	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		03737:00:004F	06-121/19:45:24	1ECa
627	122 09:26:36	31			AC7PAR	(7015 764220) PARAMETER LOAD	AACS		03737:05:003F	06-121/19:49:24	1ECa
628	122 09:34:36	31			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		03737:15:003F	06-121/19:57:24	1ECa
629	122 09:38:36	31			AC7PAR	(7015 000000) PARAMETER LOAD	AACS		03737:20:004F	06-121/20:01:24	1ECa
630	122 09:38:36	31	14	OPCH 14		ASCAL =====					1TD
						END YAW DRIFT TURNS					
631	122 09:38:37	31				END THIRD YAW DRIFT TURN			03737:20:018F	06-121/20:01:24	1T
632	122 09:39:23	31	14	OPCH 14		ASCAL =====					1TD
						START PITCH DRIFT TURNS					
633	122 09:39:24	31				START FIRST PITCH DRIFT TURN			03737:21:001F	06-121/20:02:11	1T
634	122 09:39:24	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		03737:21:003F	06-121/20:02:12	1ECa
635	122 09:43:24	31			AC7PAR	(7014 764220) PARAMETER LOAD	AACS		03737:26:004F	06-121/20:06:12	1ECa
636	122 09:51:24	31			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		03737:36:004F	06-121/20:14:12	1ECa
637	122 09:55:24	31			AC7PAR	(7014 000000) PARAMETER LOAD	AACS		03737:41:003F	06-121/20:18:12	1ECa
638	122 09:55:24	31	14	OPCH 14		ASCAL =====					1TD
						END PITCH DRIFT TURNS					

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
655	122 09:59:41	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		03737:46:288F	06-121/20:22:29	1ECp
656	122 09:59:41	31			CC7PC	(312) DUMMY PWR CMD	AACS		03737:46:290F	06-121/20:22:29	1ECa
657	122 10:01:48	31				B- DRCRUS			03737:49:001F	06-121/20:24:35	1TB
658	122 10:01:48	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		03737:49:009F	06-121/20:24:36	1ECf
659	122 10:02:36	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	03737:50:001F	06-121/20:25:23	1ESf
660	122 10:02:36	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		03737:50:002F	06-121/20:25:24	1ECs
661	122 10:08:12	31				B- YAWDB			03737:57:001F	06-121/20:30:59	1TB
662	122 10:08:12	31				YAWDB - .10			03737:57:001F	06-121/20:30:59	1T
663	122 10:08:12	31				B- ROLLDB			03737:57:001F	06-121/20:30:59	1TB
664	122 10:08:12	31				ROLLDB - .25			03737:57:001F	06-121/20:30:59	1T
665	122 10:08:12	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		03737:57:003F	06-121/20:31:00	1ECa
666	122 10:08:12	31			AC7PAR	(6742 004540) +ROLL DB=.25 DEG	AACS		03737:57:005F	06-121/20:31:00	1ECa
667	122 10:08:13	31	14	OPCH 14		END ASCAL					1TD
668	122 10:09:48	31				RESTART GYRO FAULT TEST			03737:59:001F	06-121/20:32:35	1T
669	122 10:09:48	31			CC7GY	(4) DRIRU FAULT TEST START	AACS		03737:59:002F	06-121/20:32:35	1ECa
670	122 11:57:41	31	40RISE			10.2 DEGREE RISE DSC-40					1V
671	122 12:00:00	31				VGR-31 OWLT IS 13H 37M 13S					1L

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
672	122 12:20:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0495 (D/L ONLY)					1DP
673	122 12:20:00	31				CFG CODES					1DP
674	122 12:40:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0495					1DP
675	122 15:05:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0495					1DP
676	122 15:57:07	31	10 SET			10.2 DEGREE SET DSC-10					1V
677	122 17:50:25	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
678	122 17:50:25	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
679	122 17:51:13	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
680	122 17:51:13	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
681	122 17:53:49	31				BEGIN PWSREC.31			03747:39:001F	06-122/04:16:35	1T
682	122 17:53:49	31			SC32AJ	(10) PLS CONFIG CMD	FDS		03747:39:010F	06-122/04:16:36	1ECF
683	122 17:54:37	31				B- DRGS4B			03747:40:001F	06-122/04:17:23	1TB
684	122 17:54:37	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		03747:40:009F	06-122/04:17:24	1ECF
685	122 17:55:21	31				BEGIN RECORDING PWS DATA			03747:40:734F	06-122/04:18:07	1T
686	122 17:55:21	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		03747:40:735F	06-122/04:18:08	1ECd

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
687	122 17:55:21	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:3 TIC:2045	DTR		03747:40:735F	06-122/04:18:08	1ESd
688	122 17:55:25	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	03747:41:001F	06-122/04:18:11	1ESf
689	122 17:55:25	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		03747:41:002F	06-122/04:18:12	1ECs
690	122 17:55:26	31				B- DRCRUS			03747:41:018F	06-122/04:18:12	1TB
691	122 17:55:26	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		03747:41:026F	06-122/04:18:13	1ECf
692	122 17:56:13	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	03747:42:001F	06-122/04:18:59	1ESf
693	122 17:56:13	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		03747:42:002F	06-122/04:19:00	1ECs
694	122 17:56:13	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		03747:42:002F	06-122/04:19:00	1ECd
695	122 17:56:13	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:2338	DTR		03747:42:002F	06-122/04:19:00	1ESd

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
696	122 17:57:01	31			SC32AJ	(13) PLS CONFIG CMD	FDS		03747:43:010F	06-122/04:19:48	1ECf
697	122 17:57:02	31				END PWSREC.31			03747:43:018F	06-122/04:19:48	1T
698	122 20:52:03	31	60RISE			10.2 DEGREE RISE DSC-60					1V
699	122 20:59:14	31	40 SET			10.2 DEGREE SET DSC-40					1V
700	122 23:35:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0495 (D/L ONLY)					1DP
701	122 23:35:00	31				CFG CODES					1DP
702	123 00:00:00	31				VGR-31 OWLT IS 13H 37M 13S					1L
703	123 04:24:52	31	10RISE			10.2 DEGREE RISE DSC-10					1V
704	123 07:10:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0495					1DP
705	123 07:10:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0496 (D/L ONLY)					1DP
706	123 07:10:00	31				CFG CODES					1DP
707	123 07:59:45	31	60 SET			15.4 DEGREE SET DSC-60					1V
708	123 11:53:44	31	40RISE			10.2 DEGREE RISE DSC-40					1V
709	123 12:00:00	31				VGR-31 OWLT IS 13H 37M 14S					1L
710	123 14:10:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0496					1DP
711	123 15:53:10	31	10 SET			10.2 DEGREE SET DSC-10					1V
712	123 20:48:05	31	60RISE			10.2 DEGREE RISE DSC-60					1V
713	123 20:55:15	31	40 SET			10.2 DEGREE SET DSC-40					1V
714	123 23:35:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0496 (D/L ONLY)					1DP
715	123 23:35:00	31				CFG CODES					1DP
716	124 00:00:00	31				VGR-31 OWLT IS 13H 37M 14S					1L
717	124 04:20:54	31	10RISE			10.2 DEGREE RISE DSC-10					1V

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
752	125 08:59:53	31			CC7PC	(352) GYRO A OFF	AACS		03826:31:424F	06-124/19:22:37	1ECa
753	125 08:59:53	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		03826:31:425F	06-124/19:22:37	1ECp
754	125 08:59:53	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		03826:31:427F	06-124/19:22:37	1ECp
755	125 08:59:54	31			CC7PC	(312) DUMMY PWR CMD	AACS		03826:31:429F	06-124/19:22:37	1ECa
756	125 09:02:53	31			AC7TCD	(322 033478) TURN COMMAND AXIS=ROLL POL=NEG RNG SCALE=X10	AACS		03826:35:220F	06-124/19:25:37	1ECa
757	125 11:45:50	31	40RISE			10.2 DEGREE RISE DSC-40					1V
758	125 12:00:00	31				VGR-31 OWLT IS 13H 37M 16S					1L
759	125 13:31:05	31			SC32AJ	(10) PLS CONFIG CMD	FDS		03832:10:426F	06-124/23:53:49	1ECf
760	125 14:04:37	31			SC32AJ	(11) PLS CONFIG CMD	FDS		03832:52:342F	06-125/00:27:20	1ECf
761	125 14:39:41	31				ROLL TURN COMPLETE (NOMINAL)			03833:36:201F	06-125/01:02:23	1T
762	125 14:39:41	31			CC7PC	(345) CMDED TURN COMPLETE	AACS		03833:36:200F	06-125/01:02:23	1ECa
763	125 14:41:54	31			SC32AJ	(13) PLS CONFIG CMD	FDS		03833:39:026F	06-125/01:04:37	1ECf
764	125 14:50:54	31				RESET CALIB			03833:50:218F	06-125/01:13:36	1T
765	125 14:50:54	31			AC7PAR	(7530 000000) PARAMETER LOAD	AACS		03833:50:220F	06-125/01:13:37	1ECa
766	125 14:51:24	31			CC7SS	(1) SS SEARCH ENABLE	AACS		03833:50:719F	06-125/01:14:07	1ECa
767	125 14:51:24	31				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS	03833:50:719F	06-125/01:14:07	1ESa	
768	125 14:51:24	31			CC7PC	(327) IDET ACQUIRED	AACS		03833:50:719F	06-125/01:14:07	1ECa
769	125 14:51:24	31			CC7GARP	GYRO A OFF	PWR		03833:50:720F	06-125/01:14:07	1ECp
770	125 14:51:24	31			CC7GARP	GYRO A OFF	PWR		03833:50:722F	06-125/01:14:07	1ECp
771	125 14:51:24	31			CC7PC	(352) GYRO A OFF	AACS		03833:50:724F	06-125/01:14:07	1ECa

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
772	125 14:51:24	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		03833:50:725F	06-125/01:14:07	1ECp
773	125 14:51:24	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		03833:50:727F	06-125/01:14:07	1ECp
774	125 14:51:25	31			CC7PC	(312) DUMMY PWR CMD	AACS		03833:50:729F	06-125/01:14:07	1ECa
775	125 14:57:24	31			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		03833:58:319F	06-125/01:20:07	1ECa
776	125 14:58:29	31				GYROS OFF			03833:59:601F	06-125/01:21:11	1T
777	125 14:58:29	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: ON	AACS		03833:59:602F	06-125/01:21:12	1ESa
778	125 14:58:29	31			CC7PC	(307) STAR ACQUIRED	AACS		03833:59:602F	06-125/01:21:12	1ECa
779	125 14:58:29	31			CC7GCRP	GYRO C OFF	PWR		03833:59:603F	06-125/01:21:12	1ECp
780	125 14:58:29	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: ON CST : ON GRYO C: OFF	AACS		03833:59:603F	06-125/01:21:12	1ESa
781	125 14:58:29	31			CC7GCRP	GYRO C OFF	PWR		03833:59:605F	06-125/01:21:12	1ECp
782	125 14:58:29	31			CC7PC	(372) GYRO C OFF	AACS		03833:59:607F	06-125/01:21:12	1ECa
783	125 14:58:29	31			CC7GBRP	GYRO B OFF	PWR		03833:59:608F	06-125/01:21:12	1ECp
784	125 14:58:29	31				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 1 GYRO B: OFF CST : ON GRYO C: OFF	AACS		03833:59:608F	06-125/01:21:12	1ESa
785	125 14:58:29	31			CC7GBRP	GYRO B OFF	PWR		03833:59:610F	06-125/01:21:12	1ECp
786	125 14:58:30	31			CC7PC	(362) GYRO B OFF	AACS		03833:59:612F	06-125/01:21:12	1ECa
787	125 14:58:30	31			CC7GARP	GYRO A OFF	PWR		03833:59:613F	06-125/01:21:12	1ECp

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
788	125 14:58:30	31			CC7GARP	GYRO A OFF	PWR		03833:59:615F	06-125/01:21:12	1ECp
789	125 14:58:30	31			CC7PC	(352) GYRO A OFF	AACS		03833:59:617F	06-125/01:21:12	1ECa
790	125 14:58:30	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		03833:59:617F	06-125/01:21:12	1ECp
791	125 14:58:30	31			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		03833:59:619F	06-125/01:21:13	1ECp
792	125 14:58:30	31			CC7PC	(312) DUMMY PWR CMD	AACS		03833:59:622F	06-125/01:21:13	1ECa
793	125 15:05:41	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
794	125 15:05:41	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
795	125 15:06:54	31				B- YAWDB			03834:10:218F	06-125/01:29:36	1TB
796	125 15:06:54	31				YAWDB - .10			03834:10:218F	06-125/01:29:36	1T
797	125 15:06:54	31			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		03834:10:221F	06-125/01:29:37	1ECa
798	125 15:09:54	31				B- DRCRUS			03834:14:018F	06-125/01:32:36	1TB
799	125 15:09:54	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		03834:14:026F	06-125/01:32:37	1ECf
800	125 15:10:41	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	03834:15:001F	06-125/01:33:23	1ESf
801	125 15:10:41	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		03834:15:002F	06-125/01:33:23	1ECs
802	125 15:10:42	31				END MAGROLBC31			03834:15:018F	06-125/01:33:24	1T
803	125 15:10:42	31				END GAIN31			03834:15:018F	06-125/01:33:24	1T

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
819	125 23:53:05	31					DTR		03845:08:002F	06-125/10:15:48	1ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:2354					
820	125 23:53:53	31			SC32AJ	(10) PLS CONFIG CMD	FDS		03845:09:009F	06-125/10:16:36	1ECf
821	125 23:53:54	31				AHEL11 PWSREC 05			03845:09:018F	06-125/10:16:36	1T
822	125 23:53:54	31				B- PWSREC.31			03845:09:018F	06-125/10:16:36	1TB
823	125 23:53:54	31				BEGIN PWSREC.31			03845:09:018F	06-125/10:16:36	1T
824	125 23:54:41	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		03845:10:009F	06-125/10:17:24	1ECf
825	125 23:54:42	31				B- DRGS4B			03845:10:018F	06-125/10:17:24	1TB
826	125 23:55:25	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		03845:10:735F	06-125/10:18:08	1ECd
827	125 23:55:25	31					DTR		03845:10:735F	06-125/10:18:08	1ESd
						DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:2354					
828	125 23:55:26	31				BEGIN RECORDING PWS DATA			03845:10:751F	06-125/10:18:08	1T
829	125 23:55:29	31		ACE OPCH			FDS	GS-4B	03845:11:001F	06-125/10:18:11	1ESf
						FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION					
830	125 23:55:29	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		03845:11:002F	06-125/10:18:12	1ECs

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
831	125 23:55:30	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		03845:11:026F	06-125/10:18:13	1ECf
832	125 23:55:31	31				B- DRCRUS			03845:11:034F	06-125/10:18:13	1TB
833	125 23:56:17	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	03845:12:001F	06-125/10:18:59	1ESf
834	125 23:56:17	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		03845:12:002F	06-125/10:19:00	1ECd
835	125 23:56:17	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:2061	DTR		03845:12:002F	06-125/10:19:00	1ESd
836	125 23:56:17	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		03845:12:002F	06-125/10:19:00	1ECs
837	125 23:57:05	31			SC32AJ	(13) PLS CONFIG CMD	FDS		03845:13:009F	06-125/10:19:48	1ECf
838	125 23:57:07	31				END PWSREC.31			03845:13:034F	06-125/10:19:49	1T
839	126 00:00:00	31				VGR-31 OWLT IS 13H 37M 17S					1L
840	126 01:00:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0498 (D/L ONLY)					1DP
841	126 01:00:00	31				CFG CODES					1DP
842	126 01:20:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0498					1DP
843	126 02:02:41	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		03847:50:002F	06-125/12:25:24	1ECd

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
844	126 02:02:41	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:2055	DTR		03847:50:002F	06-125/12:25:24	1ESd
845	126 02:16:03	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		03848:06:571F	06-125/12:38:46	1ECd
846	126 02:16:03	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2344	DTR		03848:06:571F	06-125/12:38:46	1ESd
847	126 04:12:57	31	10RISE			10.2 DEGREE RISE DSC-10					1V
848	126 04:15:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0499 (D/L ONLY)					1DP
849	126 04:15:00	31				CFG CODES					1DP
850	126 04:30:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0498					1DP
851	126 05:02:41	31			CC16C	(7013) DTR STATE SELECT: READY	DTR		03851:35:002F	06-125/15:25:24	1ECd
852	126 05:02:41	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:2344	DTR		03851:35:002F	06-125/15:25:24	1ESd
853	126 07:47:48	31	60 SET			15.4 DEGREE SET DSC-60					1V
854	126 08:25:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0499 (D/L ONLY)					1DP
855	126 08:25:00	31				CFG CODES					1DP
856	126 08:45:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0499					1DP
857	126 11:41:53	31	40RISE			10.2 DEGREE RISE DSC-40					1V
858	126 12:00:00	31				VGR-31 OWLT IS 13H 37M 18S					1L
859	126 14:50:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0499					1DP

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
860	126 15:41:18	31	10	SET		10.2 DEGREE SET DSC-10					1V
861	126 20:36:09	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
862	126 20:43:20	31	40	SET		10.2 DEGREE SET DSC-40					1V
863	126 23:40:00	31	63	AOS	OPCH ACE	AOS DSS-63 PASS-0499 (D/L ONLY)					1DP
864	126 23:40:00	31				CFG CODES					1DP
865	127 00:00:00	31				VGR-31 OWLT IS 13H 37M 19S					1L
866	127 04:08:59	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
867	127 07:43:49	31	60	SET		15.4 DEGREE SET DSC-60					1V
868	127 08:00:00	31	25	AOS	OPCH ACE	AOS DSS-25 PASS-0500 (D/L ONLY)					1DP
869	127 08:00:00	31				CFG CODES					1DP
870	127 08:20:00	31	63	LOS	OPCH ACE	LOS DSS-63 PASS-0499					1DP
871	127 11:37:56	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
872	127 12:00:00	31				VGR-31 OWLT IS 13H 37M 20S					1L
873	127 13:55:00	31	25	LOS	OPCH ACE	LOS DSS-25 PASS-0500					1DP
874	127 15:37:21	31	10	SET		10.2 DEGREE SET DSC-10					1V
875	127 20:32:11	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
876	127 20:39:21	31	40	SET		10.2 DEGREE SET DSC-40					1V
877	128 00:00:00	31				VGR-31 OWLT IS 13H 37M 20S					1L
878	128 00:30:00	31	63	AOS	OPCH ACE	AOS DSS-63 PASS-0500 (D/L ONLY)					1DP
879	128 00:30:00	31				CFG CODES					1DP
880	128 04:05:00	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
881	128 07:25:00	31	26	AOS	OPCH ACE	AOS DSS-26 PASS-0501 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
882	128 07:25:00	31				CFG CODES					1DP
883	128 07:39:49	31	60	SET		15.4 DEGREE SET DSC-60					1V
884	128 07:45:00	31	63	LOS	OPCH ACE	LOS DSS-63 PASS-0500					1DP
885	128 10:33:57	31			AC7SSB	(3 -006) SS BIAS CONTROL - PITCH	AACS		03918:29:003F	06-127/20:56:36	1ECa
886	128 11:33:59	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
887	128 12:00:00	31				VGR-31 OWLT IS 13H 37M 21S					1L
888	128 13:55:00	31	26	LOS	OPCH ACE	LOS DSS-26 PASS-0501					1DP
889	128 15:33:24	31	10	SET		10.2 DEGREE SET DSC-10					1V
890	128 20:28:12	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
891	128 20:35:22	31	40	SET		10.2 DEGREE SET DSC-40					1V
892	128 23:40:00	31	63	AOS	OPCH ACE	AOS DSS-63 PASS-0501 (D/L ONLY)					1DP
893	128 23:40:00	31				CFG CODES					1DP
894	129 00:00:00	31				VGR-31 OWLT IS 13H 37M 22S					1L
895	129 04:01:02	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
896	129 06:35:00	31	63	LOS	OPCH ACE	LOS DSS-63 PASS-0501					1DP
897	129 07:00:00	31	15	AOS	OPCH ACE	AOS DSS-15 PASS-0502 (D/L ONLY)					1DP
898	129 07:00:00	31				CFG CODES					1DP
899	129 07:35:50	31	60	SET		15.5 DEGREE SET DSC-60					1V
900	129 11:30:02	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
901	129 12:00:00	31				VGR-31 OWLT IS 13H 37M 23S					1L
902	129 14:40:00	31	15	LOS	OPCH ACE	LOS DSS-15 PASS-0502					1DP
903	129 15:29:27	31	10	SET		10.2 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
916	129 17:31:35	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		03957:11:002F	06-129/03:54:12	1ECs
917	129 17:31:36	31				B- DRCRUS			03957:11:018F	06-129/03:54:12	1TB
918	129 17:31:36	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		03957:11:026F	06-129/03:54:13	1ECF
919	129 17:32:23	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	03957:12:001F	06-129/03:54:59	1ESF
920	129 17:32:23	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		03957:12:002F	06-129/03:55:00	1ECs
921	129 17:32:23	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		03957:12:002F	06-129/03:55:00	1ECd
922	129 17:32:23	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:2636	DTR		03957:12:002F	06-129/03:55:00	1ESd
923	129 17:33:11	31			SC32AJ	(13) PLS CONFIG CMD	FDS		03957:13:009F	06-129/03:55:48	1ECf
924	129 17:33:12	31				END PWSREC.31			03957:13:018F	06-129/03:55:48	1T
925	129 19:44:24	31			AC7SSB	(4 +151) SS BIAS CONTROL --- YAW	AACS		03959:57:003F	06-129/06:07:00	1ECa
926	129 20:24:14	31	60RISE			10.2 DEGREE RISE DSC-60					1V
927	129 20:31:24	31	40 SET			10.2 DEGREE SET DSC-40					1V
928	129 23:35:00	31	63 AOS	OPCH	ACE	AOS DSS-63 PASS-0502 (D/L ONLY)					1DP
929	129 23:35:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
930	130 00:00:00	31				VGR-31 OWLT IS 13H 37M 24S					1L
931	130 01:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0502					1DP
932	130 02:05:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0502 (D/L ONLY)					1DP
933	130 02:05:00	31				CFG CODES					1DP
934	130 03:57:03	31	10RISE			10.2 DEGREE RISE DSC-10					1V
935	130 06:15:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0503 (D/L ONLY)					1DP
936	130 06:15:00	31				CFG CODES					1DP
937	130 06:35:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0502					1DP
938	130 07:31:51	31	60 SET			15.5 DEGREE SET DSC-60					1V
939	130 11:26:05	31	40RISE			10.2 DEGREE RISE DSC-40					1V
940	130 12:00:00	31				VGR-31 OWLT IS 13H 37M 25S					1L
941	130 14:40:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0503					1DP
942	130 15:25:29	31	10 SET			10.2 DEGREE SET DSC-10					1V
943	130 15:30:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-0503 (D/L ONLY)					1DP
944	130 15:30:00	31				CFG CODES					1DP
945	130 19:20:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-0503					1DP
946	130 20:20:15	31	60RISE			10.2 DEGREE RISE DSC-60					1V
947	130 20:27:25	31	40 SET			10.2 DEGREE SET DSC-40					1V
948	130 23:15:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0503 (D/L ONLY)					1DP
949	130 23:15:00	31				CFG CODES					1DP
950	131 00:00:00	31				VGR-31 OWLT IS 13H 37M 26S					1L

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
972	131 20:23:27	31	40	SET		10.2 DEGREE SET DSC-40					1V
973	131 23:50:00	31	63	AOS	OPCH ACE	AOS DSS-63 PASS-0504 (U/L PASS)					1DP
974	132 00:00:00	31				VGR-31 OWLT IS 13H 37M 28S					1L
975	132 03:49:07	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
976	132 07:23:56	31	60	SET		15.5 DEGREE SET DSC-60					1V
977	132 07:40:00	31	15	AOS	OPCH ACE	AOS DSS-15 PASS-0505 (D/L ONLY)					1DP
978	132 07:40:00	31				CFG CODES					1DP
979	132 08:00:00	31	63	LOS	OPCH ACE	LOS DSS-63 PASS-0504					1DP
980	132 11:18:10	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
981	132 12:00:00	31				VGR-31 OWLT IS 13H 37M 29S					1L
982	132 14:10:00	31	45	AOS	OPCH ACE	AOS DSS-45 PASS-0505 (D/L ONLY)					1DP
983	132 14:10:00	31				CFG CODES					1DP
984	132 14:30:00	31	15	LOS	OPCH ACE	LOS DSS-15 PASS-0505					1DP
985	132 15:17:35	31	10	SET		10.2 DEGREE SET DSC-10					1V
986	132 19:10:00	31	45	LOS	OPCH ACE	LOS DSS-45 PASS-0505					1DP
987	132 20:12:18	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
988	132 20:19:28	31	40	SET		10.2 DEGREE SET DSC-40					1V
989	132 20:29:18	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		04050:53:002F	06-132/06:51:48	1ECd
990	132 20:29:18	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2643	DTR		04050:53:002F	06-132/06:51:48	1ESd
991	132 20:56:29	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		04051:26:792F	06-132/07:18:59	1ECd

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1005	132 23:30:54	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		04054:40:009F	06-132/09:53:24	1ECf
1006	132 23:30:55	31				B- DRGS4B			04054:40:018F	06-132/09:53:24	1TB
1007	132 23:31:38	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		04054:40:735F	06-132/09:54:08	1ECd
1008	132 23:31:38	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:2055	DTR		04054:40:735F	06-132/09:54:08	1ESd
1009	132 23:31:39	31				BEGIN RECORDING PWS DATA			04054:40:751F	06-132/09:54:08	1T
1010	132 23:31:42	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	04054:41:001F	06-132/09:54:11	1ESf
1011	132 23:31:42	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		04054:41:002F	06-132/09:54:11	1ECs
1012	132 23:31:43	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		04054:41:026F	06-132/09:54:13	1ECf
1013	132 23:31:44	31				B- DRCRUS			04054:41:034F	06-132/09:54:13	1TB
1014	132 23:32:30	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	04054:42:001F	06-132/09:54:59	1ESf

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1015	132 23:32:30	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		04054:42:002F	06-132/09:55:00	1ECs
1016	132 23:32:30	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		04054:42:002F	06-132/09:55:00	1ECd
1017	132 23:32:30	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:1763	DTR		04054:42:002F	06-132/09:55:00	1ESd
1018	132 23:33:18	31			SC32AJ	(13) PLS CONFIG CMD	FDS		04054:43:009F	06-132/09:55:48	1ECF
1019	132 23:33:20	31				END PWSREC.31			04054:43:034F	06-132/09:55:49	1T
1020	133 00:00:00	31				VGR-31 OWLT IS 13H 37M 30S					1L
1021	133 01:38:54	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		04057:20:002F	06-132/12:01:24	1ECd
1022	133 01:38:54	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1756	DTR		04057:20:002F	06-132/12:01:24	1ESd
1023	133 02:19:57	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		04058:11:235F	06-132/12:42:25	1ECd
1024	133 02:19:57	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2643	DTR		04058:11:235F	06-132/12:42:25	1ESd
1025	133 03:45:08	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1026	133 04:38:55	31			CC16C	(7013) DTR STATE SELECT: READY	DTR		04061:05:002F	06-132/15:01:24	1ECd
1027	133 04:38:55	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:2643	DTR		04061:05:002F	06-132/15:01:24	1ESd
1028	133 07:19:57	31	60 SET			15.5 DEGREE SET DSC-60					1V

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1029	133 07:40:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0506 (D/L ONLY)					1DP
1030	133 07:40:00	31				CFG CODES					1DP
1031	133 08:00:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0505					1DP
1032	133 11:14:13	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1033	133 12:00:00	31				VGR-31 OWLT IS 13H 37M 31S					1L
1034	133 12:55:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0506					1DP
1035	133 15:13:37	31	10 SET			10.2 DEGREE SET DSC-10					1V
1036	133 20:08:20	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1037	133 20:15:30	31	40 SET			10.2 DEGREE SET DSC-40					1V
1038	133 23:20:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0506 (D/L ONLY)					1DP
1039	133 23:20:00	31				CFG CODES					1DP
1040	134 00:00:00	31				VGR-31 OWLT IS 13H 37M 33S					1L
1041	134 03:41:10	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1042	134 07:15:57	31	60 SET			15.5 DEGREE SET DSC-60					1V
1043	134 07:30:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0507 (D/L ONLY)					1DP
1044	134 07:30:00	31				CFG CODES					1DP
1045	134 07:50:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0506					1DP
1046	134 11:10:16	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1047	134 12:00:00	31				VGR-31 OWLT IS 13H 37M 34S					1L
1048	134 14:20:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0507					1DP
1049	134 15:09:40	31	10 SET			10.2 DEGREE SET DSC-10					1V
1050	134 20:04:21	31	60RISE			10.2 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1051	134 20:11:31	31	40 SET			10.2 DEGREE SET DSC-40					1V
1052	134 21:14:11	31			AC7SSB	(4 +150) SS BIAS CONTROL --- YAW	AACS		04111:49:003F	06-134/07:36:36	1ECa
1053	134 23:15:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0507 (D/L ONLY)					1DP
1054	134 23:15:00	31				CFG CODES					1DP
1055	135 00:00:00	31				VGR-31 OWLT IS 13H 37M 35S					1L
1056	135 03:37:11	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1057	135 07:11:58	31	60 SET			15.5 DEGREE SET DSC-60					1V
1058	135 07:20:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-0508 (D/L ONLY)					1DP
1059	135 07:20:00	31				CFG CODES					1DP
1060	135 07:40:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0507					1DP
1061	135 11:06:18	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1062	135 12:00:00	31				VGR-31 OWLT IS 13H 37M 36S					1L
1063	135 13:30:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-0508					1DP
1064	135 15:05:42	31	10 SET			10.2 DEGREE SET DSC-10					1V
1065	135 20:00:22	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1066	135 20:07:32	31	40 SET			10.2 DEGREE SET DSC-40					1V
1067	135 23:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0508 (D/L ONLY)					1DP
1068	135 23:30:00	31				CFG CODES					1DP
1069	136 00:00:00	31				VGR-31 OWLT IS 13H 37M 38S					1L
1070	136 03:33:13	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1071	136 06:00:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0509 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1089	136 17:07:47	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:3 TIC:2643	DTR		04166:40:735F	06-136/03:30:08	1ESd
1090	136 17:07:51	31		ACE	OPCH	FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	04166:41:001F	06-136/03:30:11	1ESf
1091	136 17:07:51	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		04166:41:002F	06-136/03:30:11	1ECs
1092	136 17:07:52	31				B- DRCRUS			04166:41:018F	06-136/03:30:12	1TB
1093	136 17:07:52	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		04166:41:026F	06-136/03:30:13	1ECf
1094	136 17:08:39	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	04166:42:001F	06-136/03:30:59	1ESf
1095	136 17:08:39	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		04166:42:002F	06-136/03:30:59	1ECs
1096	136 17:08:39	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		04166:42:002F	06-136/03:31:00	1ECd
1097	136 17:08:39	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:2935	DTR		04166:42:002F	06-136/03:31:00	1ESd

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1098	136 17:09:27	31			SC32AJ	(13) PLS CONFIG CMD	FDS		04166:43:009F	06-136/03:31:48	1ECf
1099	136 17:09:28	31				END PWSREC.31			04166:43:018F	06-136/03:31:48	1T
1100	136 19:56:24	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1101	136 20:03:34	31	40 SET			10.2 DEGREE SET DSC-40					1V
1102	136 22:45:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0509 (U/L PASS)					1DP
1103	137 00:00:00	31				VGR-31 OWLT IS 13H 37M 40S					1L
1104	137 03:29:14	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1105	137 05:30:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0510 (D/L ONLY)					1DP
1106	137 05:30:00	31				CFG CODES					1DP
1107	137 05:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0509					1DP
1108	137 06:50:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0510 (D/L ONLY)					1DP
1109	137 06:50:00	31				CFG CODES					1DP
1110	137 07:04:00	31	60 SET			15.5 DEGREE SET DSC-60					1V
1111	137 07:10:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0510					1DP
1112	137 10:58:24	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1113	137 12:00:00	31				VGR-31 OWLT IS 13H 37M 42S					1L
1114	137 14:10:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0510					1DP
1115	137 14:57:48	31	10 SET			10.2 DEGREE SET DSC-10					1V
1116	137 19:52:25	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1117	137 19:59:35	31	40 SET			10.2 DEGREE SET DSC-40					1V
1118	137 23:45:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0510 (D/L ONLY)					1DP
1119	137 23:45:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1120	138 00:00:00	31				VGR-31 OWLT IS 13H 37M 43S					1L
1121	138 03:25:16	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1122	138 05:45:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0510					1DP
1123	138 05:45:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0511 (D/L ONLY)					1DP
1124	138 05:45:00	31				CFG CODES					1DP
1125	138 07:00:01	31	60 SET			15.5 DEGREE SET DSC-60					1V
1126	138 07:10:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0511 (D/L ONLY)					1DP
1127	138 07:10:00	31				CFG CODES					1DP
1128	138 07:30:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0511					1DP
1129	138 10:54:26	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1130	138 12:00:00	31				VGR-31 OWLT IS 13H 37M 44S					1L
1131	138 14:45:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0511					1DP
1132	138 14:53:50	31	10 SET			10.2 DEGREE SET DSC-10					1V
1133	138 19:48:27	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1134	138 19:55:37	31	40 SET			10.2 DEGREE SET DSC-40					1V
1135	138 23:45:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0511 (U/L PASS)					1DP
1136	139 00:00:00	31				VGR-31 OWLT IS 13H 37M 46S					1L
1137	139 03:21:17	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1138	139 06:56:02	31	60 SET			15.5 DEGREE SET DSC-60					1V
1139	139 07:15:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-0512 (D/L ONLY)					1DP
1140	139 07:15:00	31				CFG CODES					1DP
1141	139 07:35:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0511					1DP

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1170	139 23:08:01	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		04264:11:002F	06-139/09:30:11	1ECs
1171	139 23:08:02	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		04264:11:026F	06-139/09:30:13	1ECf
1172	139 23:08:03	31				B- DRCRUS			04264:11:034F	06-139/09:30:13	1TB
1173	139 23:08:49	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	04264:12:001F	06-139/09:30:59	1ESf
1174	139 23:08:49	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		04264:12:002F	06-139/09:30:59	1ECs
1175	139 23:08:49	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		04264:12:002F	06-139/09:31:00	1ECd
1176	139 23:08:49	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:1464	DTR		04264:12:002F	06-139/09:31:00	1ESd
1177	139 23:09:37	31			SC32AJ	(13) PLS CONFIG CMD	FDS		04264:13:009F	06-139/09:31:48	1ECf
1178	139 23:09:39	31				END PWSREC.31			04264:13:034F	06-139/09:31:49	1T
1179	139 23:50:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0512 (D/L ONLY)					1DP
1180	139 23:50:00	31				CFG CODES					1DP
1181	140 00:00:00	31				VGR-31 OWLT IS 13H 37M 49S					1L
1182	140 01:15:13	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		04266:50:002F	06-139/11:37:24	1ECd

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1183	140 01:15:13	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1457	DTR		04266:50:002F	06-139/11:37:24	1ESd
1184	140 02:23:56	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		04268:15:719F	06-139/12:46:07	1ECd
1185	140 02:23:56	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2942	DTR		04268:15:719F	06-139/12:46:07	1ESd
1186	140 03:17:19	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1187	140 04:15:13	31			CC16C	(7013) DTR STATE SELECT: READY	DTR		04270:35:002F	06-139/14:37:24	1ECd
1188	140 04:15:13	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:2942	DTR		04270:35:002F	06-139/14:37:24	1ESd
1189	140 06:52:03	31	60 SET			15.5 DEGREE SET DSC-60					1V
1190	140 07:15:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0513 (D/L ONLY)					1DP
1191	140 07:15:00	31				CFG CODES					1DP
1192	140 07:35:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0512					1DP
1193	140 10:46:31	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1194	140 12:00:00	31				VGR-31 OWLT IS 13H 37M 50S					1L
1195	140 13:00:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0513					1DP
1196	140 14:45:55	31	10 SET			10.2 DEGREE SET DSC-10					1V
1197	140 19:40:30	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1198	140 19:47:40	31	40 SET			10.2 DEGREE SET DSC-40					1V
1199	140 23:35:00	31	63 AOS	OPCH ACE		AOS DSS-63 PASS-0513 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1200	140 23:35:00	31				CFG CODES					1DP
1201	141 00:00:00	31				VGR-31 OWLT IS 13H 37M 52S					1L
1202	141 03:13:21	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1203	141 06:48:04	31	60 SET			15.5 DEGREE SET DSC-60					1V
1204	141 07:00:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0514 (D/L ONLY)					1DP
1205	141 07:00:00	31				CFG CODES					1DP
1206	141 07:20:00	31	63 LOS	OPCH ACE		LOS DSS-63 PASS-0513					1DP
1207	141 10:42:34	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1208	141 12:00:00	31				VGR-31 OWLT IS 13H 37M 54S					1L
1209	141 13:50:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0514					1DP
1210	141 14:41:57	31	10 SET			10.2 DEGREE SET DSC-10					1V
1211	141 19:36:31	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1212	141 19:43:41	31	40 SET			10.2 DEGREE SET DSC-40					1V
1213	141 23:15:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0514 (D/L ONLY)					1DP
1214	141 23:15:00	31				CFG CODES					1DP
1215	142 00:00:00	31				VGR-31 OWLT IS 13H 37M 55S					1L
1216	142 03:09:22	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1217	142 05:25:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0515 (D/L ONLY)					1DP
1218	142 05:25:00	31				CFG CODES					1DP
1219	142 05:45:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0514					1DP
1220	142 06:44:07	31	60 SET			15.5 DEGREE SET DSC-60					1V

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1221	142 07:00:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0515 (U/L PASS)					1DP
1222	142 07:15:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0515					1DP
1223	142 10:38:36	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1224	142 12:00:00	31				VGR-31 OWLT IS 13H 37M 57S					1L
1225	142 14:38:00	31	10 SET			10.2 DEGREE SET DSC-10					1V
1226	142 14:45:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0515					1DP
1227	142 19:32:33	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1228	142 19:39:43	31	40 SET			10.2 DEGREE SET DSC-40					1V
1229	142 23:05:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0515 (D/L ONLY)					1DP
1230	142 23:05:00	31				CFG CODES					1DP
1231	143 00:00:00	31				VGR-31 OWLT IS 13H 37M 59S					1L
1232	143 03:00:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0516 (D/L ONLY)					1DP
1233	143 03:00:00	31				CFG CODES					1DP
1234	143 03:05:24	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1235	143 03:20:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0515					1DP
1236	143 06:40:08	31	60 SET			15.5 DEGREE SET DSC-60					1V
1237	143 07:10:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0516 (D/L ONLY)					1DP
1238	143 07:10:00	31				CFG CODES					1DP
1239	143 07:30:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0516					1DP
1240	143 10:34:39	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1241	143 12:00:00	31				VGR-31 OWLT IS 13H 38M 00S					1L
1242	143 13:30:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0516					1DP

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT 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	143 16:44:13	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	04376:11:001F	06-143/03:06:11	1ESf
1256	143 16:44:13	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		04376:11:002F	06-143/03:06:11	1ECs
1257	143 16:44:14	31				B- DRCRUS			04376:11:018F	06-143/03:06:12	1TB
1258	143 16:44:14	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		04376:11:026F	06-143/03:06:13	1ECf
1259	143 16:45:01	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	04376:12:001F	06-143/03:06:59	1ESf
1260	143 16:45:01	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		04376:12:002F	06-143/03:06:59	1ECs
1261	143 16:45:01	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		04376:12:002F	06-143/03:07:00	1ECd
1262	143 16:45:01	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:3234	DTR		04376:12:002F	06-143/03:07:00	1ESd
1263	143 16:45:49	31			SC32AJ	(13) PLS CONFIG CMD	FDS		04376:13:009F	06-143/03:07:48	1ECf
1264	143 16:45:50	31				END PWSREC.31			04376:13:018F	06-143/03:07:48	1T
1265	143 19:28:34	31	60RISE			10.2 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1281	144 08:28:15	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		04395:51:001F	06-143/18:50:11	1ECs
1282	144 08:34:39	31			SC06BY	(7) FDS PLS/MAG/PESCAL FLAG PLSCAL ENABLED MAGCAL ENABLED PESCAL ENABLED	FDS		04395:59:009F	06-143/18:56:36	1ECf
1283	144 08:35:27	31				BEGIN PLS/MAG/PESCAL			04396:00:001F	06-143/18:57:23	1T
1284	144 10:17:52	31				END PLSCAL			04398:08:001F	06-143/20:39:47	1T
1285	144 10:30:41	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1286	144 11:37:52	31				END MAGCAL			04399:48:001F	06-143/21:59:47	1T
1287	144 11:51:16	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1288	144 11:51:16	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1289	144 11:55:28	31				END PESCAL			04400:10:001F	06-143/22:17:23	1T
1290	144 11:55:28	31				B- DRCSR			04400:10:001F	06-143/22:17:23	1TB
1291	144 11:55:28	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		04400:10:009F	06-143/22:17:24	1ECf
1292	144 11:56:16	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	04400:11:001F	06-143/22:18:11	1ESf
1293	144 11:56:16	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		04400:11:002F	06-143/22:18:11	1ECs

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1294	144 11:56:17	31				END PMPCALLR			04400:11:018F	06-143/22:18:12	1T
1295	144 12:00:00	31				VGR-31 OWLT IS 13H 38M 04S					1L
1296	144 14:30:04	31	10	SET		10.2 DEGREE SET DSC-10					1V
1297	144 14:35:00	31	14	LOS	OPCH ACE	LOS DSS-14 PASS-0517					1DP
1298	144 19:24:36	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
1299	144 19:31:46	31	40	SET		10.2 DEGREE SET DSC-40					1V
1300	144 22:55:00	31	65	AOS	OPCH ACE	AOS DSS-65 PASS-0517 (D/L ONLY)					1DP
1301	144 22:55:00	31				CFG CODES					1DP
1302	145 00:00:00	31				VGR-31 OWLT IS 13H 38M 06S					1L
1303	145 00:13:54	31			AC7SSB	(4 +148) SS BIAS CONTROL --- YAW	AACS		04415:33:003F	06-144/10:35:48	1ECa
1304	145 02:57:27	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
1305	145 03:57:06	31			AC7SSB	(3 -004) SS BIAS CONTROL - PITCH	AACS		04420:12:003F	06-144/14:19:00	1ECa
1306	145 05:30:00	31	15	AOS	OPCH ACE	AOS DSS-15 PASS-0518 (D/L ONLY)					1DP
1307	145 05:30:00	31				CFG CODES					1DP
1308	145 05:35:00	31	65	LOS	OPCH ACE	LOS DSS-65 PASS-0517					1DP
1309	145 06:32:10	31	60	SET		15.5 DEGREE SET DSC-60					1V
1310	145 10:26:43	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
1311	145 12:00:00	31				VGR-31 OWLT IS 13H 38M 07S					1L
1312	145 12:30:00	31	15	LOS	OPCH ACE	LOS DSS-15 PASS-0518					1DP
1313	145 14:26:07	31	10	SET		10.2 DEGREE SET DSC-10					1V
1314	145 19:20:37	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
1315	145 19:27:47	31	40	SET		10.2 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1316	145 21:50:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0518 (D/L ONLY)					1DP
1317	145 21:50:00	31				CFG CODES					1DP
1318	146 00:00:00	31				VGR-31 OWLT IS 13H 38M 09S					1L
1319	146 02:53:28	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1320	146 03:00:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0519 (D/L ONLY)					1DP
1321	146 03:00:00	31				CFG CODES					1DP
1322	146 03:20:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0518					1DP
1323	146 06:28:11	31	60 SET			15.5 DEGREE SET DSC-60					1V
1324	146 08:50:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0519 (D/L ONLY)					1DP
1325	146 08:50:00	31				CFG CODES					1DP
1326	146 09:10:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0519					1DP
1327	146 10:22:46	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1328	146 12:00:00	31				VGR-31 OWLT IS 13H 38M 11S					1L
1329	146 13:30:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0519					1DP
1330	146 14:22:09	31	10 SET			10.2 DEGREE SET DSC-10					1V
1331	146 19:16:39	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1332	146 19:23:49	31	40 SET			10.2 DEGREE SET DSC-40					1V
1333	146 19:42:00	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		04469:53:002F	06-146/06:03:48	1ECd
1334	146 19:42:00	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3241	DTR		04469:53:002F	06-146/06:03:48	1ESd
1335	146 21:04:35	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		04471:36:162F	06-146/07:26:21	1ECd

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1349	146 22:44:21	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		04473:40:735F	06-146/09:06:08	1ECd
1350	146 22:44:21	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:1457	DTR		04473:40:735F	06-146/09:06:08	1ESd
1351	146 22:44:22	31				BEGIN RECORDING PWS DATA			04473:40:751F	06-146/09:06:08	1T
1352	146 22:44:25	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	04473:41:001F	06-146/09:06:11	1ESf
1353	146 22:44:25	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		04473:41:002F	06-146/09:06:11	1ECs
1354	146 22:44:26	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 B- DRCRUS	FDS		04473:41:026F	06-146/09:06:13	1ECf
1355	146 22:44:27	31							04473:41:034F	06-146/09:06:13	1TB
1356	146 22:45:13	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	04473:42:001F	06-146/09:06:59	1ESf
1357	146 22:45:13	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		04473:42:002F	06-146/09:06:59	1ECs
1358	146 22:45:13	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		04473:42:002F	06-146/09:07:00	1ECd

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1359	146 22:45:13	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:1165	DTR		04473:42:002F	06-146/09:07:00	1ESd
1360	146 22:46:01	31			SC32AJ	(13) PLS CONFIG CMD	FDS		04473:43:009F	06-146/09:07:48	1ECf
1361	146 22:46:03	31				END PWSREC.31			04473:43:034F	06-146/09:07:49	1T
1362	146 23:05:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0519 (D/L ONLY)					1DP
1363	146 23:05:00	31				CFG CODES					1DP
1364	147 00:00:00	31				VGR-31 OWLT IS 13H 38M 13S					1L
1365	147 00:51:37	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		04476:20:002F	06-146/11:13:24	1ECd
1366	147 00:51:37	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1158	DTR		04476:20:002F	06-146/11:13:24	1ESd
1367	147 02:28:01	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		04478:20:405F	06-146/12:49:48	1ECd
1368	147 02:28:01	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3241	DTR		04478:20:405F	06-146/12:49:48	1ESd
1369	147 02:49:30	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1370	147 03:51:38	31			CC16C	(7013) DTR STATE SELECT: READY	DTR		04480:05:002F	06-146/14:13:24	1ECd
1371	147 03:51:38	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:3241	DTR		04480:05:002F	06-146/14:13:24	1ESd
1372	147 04:05:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0519					1DP
1373	147 04:20:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0520 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1374	147 04:20:00	31				CFG CODES					1DP
1375	147 06:24:12	31	60	SET		15.5 DEGREE SET DSC-60					1V
1376	147 10:18:48	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
1377	147 12:00:00	31				VGR-31 OWLT IS 13H 38M 15S					1L
1378	147 13:30:00	31	15	LOS	OPCH ACE	LOS DSS-15 PASS-0520					1DP
1379	147 14:18:11	31	10	SET		10.2 DEGREE SET DSC-10					1V
1380	147 19:12:40	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
1381	147 19:19:50	31	40	SET		10.2 DEGREE SET DSC-40					1V
1382	147 22:30:00	31	65	AOS	OPCH ACE	AOS DSS-65 PASS-0520 (D/L ONLY)					1DP
1383	147 22:30:00	31				CFG CODES					1DP
1384	148 00:00:00	31				VGR-31 OWLT IS 13H 38M 17S					1L
1385	148 02:45:31	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
1386	148 05:05:00	31	15	AOS	OPCH ACE	AOS DSS-15 PASS-0521 (D/L ONLY)					1DP
1387	148 05:05:00	31				CFG CODES					1DP
1388	148 05:25:00	31	65	LOS	OPCH ACE	LOS DSS-65 PASS-0520					1DP
1389	148 06:20:13	31	60	SET		15.5 DEGREE SET DSC-60					1V
1390	148 10:14:50	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
1391	148 12:00:00	31				VGR-31 OWLT IS 13H 38M 19S					1L
1392	148 13:25:00	31	15	LOS	OPCH ACE	LOS DSS-15 PASS-0521					1DP
1393	148 14:14:13	31	10	SET		10.2 DEGREE SET DSC-10					1V
1394	148 19:08:42	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
1395	148 19:15:52	31	40	SET		10.2 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1396	149 00:00:00	31				VGR-31 OWLT IS 13H 38M 21S					1L
1397	149 00:55:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0521 (D/L ONLY)					1DP
1398	149 00:55:00	31				CFG CODES					1DP
1399	149 02:41:33	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1400	149 04:15:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0522 (D/L ONLY)					1DP
1401	149 04:15:00	31				CFG CODES					1DP
1402	149 04:25:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0521					1DP
1403	149 06:16:16	31	60 SET			15.5 DEGREE SET DSC-60					1V
1404	149 10:10:53	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1405	149 12:00:00	31				VGR-31 OWLT IS 13H 38M 23S					1L
1406	149 13:30:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0522					1DP
1407	149 14:10:15	31	10 SET			10.2 DEGREE SET DSC-10					1V
1408	149 19:04:43	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1409	149 19:11:53	31	40 SET			10.2 DEGREE SET DSC-40					1V
1410	149 23:35:00	31	55 AOS	OPCH ACE		AOS DSS-55 PASS-0522 (D/L ONLY)					1DP
1411	149 23:35:00	31				CFG CODES					1DP
1412	150 00:00:00	31				VGR-31 OWLT IS 13H 38M 25S					1L
1413	150 01:43:50	31			AC7SSB	(4 +147) SS BIAS CONTROL --- YAW	AACS		04567:25:003F	06-149/12:05:24	1ECa
1414	150 02:10:00	31	55 LOS	OPCH ACE		LOS DSS-55 PASS-0522					1DP
1415	150 02:37:35	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1416	150 06:12:17	31	60 SET			15.5 DEGREE SET DSC-60					1V
1417	150 06:25:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0523 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1418	150 06:25:00	31				CFG CODES					1DP
1419	150 07:49:27	31			AC7SSB	(3 -003) SS BIAS CONTROL - PITCH	AACS		04575:02:003F	06-149/18:11:00	1ECa
1420	150 10:06:55	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1421	150 12:00:00	31				VGR-31 OWLT IS 13H 38M 27S					1L
1422	150 13:20:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0523					1DP
1423	150 14:06:18	31	10 SET			10.2 DEGREE SET DSC-10					1V
1424	150 14:40:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-0523 (D/L ONLY)					1DP
1425	150 14:40:00	31				CFG CODES					1DP
1426	150 16:15:40	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1427	150 16:15:40	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1428	150 16:16:28	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
1429	150 16:16:28	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1430	150 16:19:04	31				BEGIN PWSREC.31			04585:39:001F	06-150/02:40:35	1T
1431	150 16:19:04	31			SC32AJ	(10) PLS CONFIG CMD	FDS		04585:39:009F	06-150/02:40:36	1ECf
1432	150 16:19:52	31				B- DRGS4B			04585:40:001F	06-150/02:41:23	1TB
1433	150 16:19:52	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		04585:40:009F	06-150/02:41:24	1ECf

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1434	150 16:20:36	31				BEGIN RECORDING PWS DATA			04585:40:734F	06-150/02:42:07	1T
1435	150 16:20:36	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		04585:40:735F	06-150/02:42:08	1ECd
1436	150 16:20:36	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:3 TIC:3241	DTR		04585:40:735F	06-150/02:42:08	1ESd
1437	150 16:20:40	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	04585:41:001F	06-150/02:42:11	1ESf
1438	150 16:20:40	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		04585:41:002F	06-150/02:42:11	1ECs
1439	150 16:20:41	31				B- DRCRUS			04585:41:018F	06-150/02:42:12	1TB
1440	150 16:20:41	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		04585:41:026F	06-150/02:42:13	1ECf
1441	150 16:21:28	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	04585:42:001F	06-150/02:42:59	1ESf
1442	150 16:21:28	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		04585:42:002F	06-150/02:42:59	1ECs
1443	150 16:21:28	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		04585:42:002F	06-150/02:43:00	1ECd

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1444	150 16:21:28	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:3533	DTR		04585:42:002F	06-150/02:43:00	1ESd
1445	150 16:22:16	31			SC32AJ	(13) PLS CONFIG CMD	FDS		04585:43:009F	06-150/02:43:48	1ECf
1446	150 16:22:17	31				END PWSREC.31			04585:43:018F	06-150/02:43:48	1T
1447	150 16:32:40	31				B- DTRMA-1.31			04585:56:001F	06-150/02:54:11	1TB
1448	150 16:32:40	31				BEGIN DTRMA131			04585:56:001F	06-150/02:54:11	1T
1449	150 16:32:40	31			CC16C	(2217) DTR STATE SELECT: SLEW	DTR		04585:56:002F	06-150/02:54:12	1ECd
1450	150 16:32:40	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:7 TIC:3540	DTR		04585:56:002F	06-150/02:54:12	1ESd
1451	150 16:34:46	31			EOT	END OF TAPE			04585:58:496F	06-150/02:56:17	1Ed
1452	150 17:55:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-0523					1DP
1453	150 19:00:45	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1454	150 19:07:55	31	40 SET			10.2 DEGREE SET DSC-40					1V
1455	150 19:16:41	31			CC16C	(2228) DTR STATE SELECT: SLEW	DTR		04589:21:001F	06-150/05:38:11	1ECd
1456	150 19:16:41	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:8 TIC:3585	DTR		04589:21:001F	06-150/05:38:11	1ESd
1457	150 19:16:41	31			EOT	END OF TAPE			04589:21:010F	06-150/05:38:12	1Ed
1458	150 21:53:26	31			BOT	BEGIN OF TAPE			04592:36:749F	06-150/08:14:56	1Ed
1459	150 21:56:39	31				TAPE AT BOT			04592:40:768F	06-150/08:18:09	1T
1460	150 21:56:39	31				END DTRMA131			04592:40:768F	06-150/08:18:09	1T

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1461	150 22:00:41	31				TAPPOS-3540			04592:46:001F	06-150/08:22:11	1T
1462	150 22:00:41	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		04592:46:002F	06-150/08:22:11	1ECd
1463	150 22:00:41	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0199	DTR		04592:46:002F	06-150/08:22:11	1ESd
1464	150 22:00:41	31			BOT	BEGIN OF TAPE			04592:46:010F	06-150/08:22:12	1Ed
1465	150 22:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0523 (D/L ONLY)					1DP
1466	150 22:45:00	31				CFG CODES					1DP
1467	151 00:00:00	31				VGR-31 OWLT IS 13H 38M 30S					1L
1468	151 00:35:20	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		04595:59:239F	06-150/10:56:50	1ECd
1469	151 00:35:20	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3540	DTR		04595:59:239F	06-150/10:56:50	1ESd
1470	151 00:48:42	31				REV/TRK 4			04596:16:001F	06-150/11:10:11	1T
1471	151 00:48:42	31			CC16C	(7024) DTR STATE SELECT: READY	DTR		04596:16:002F	06-150/11:10:11	1ECd
1472	151 00:48:42	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:3540	DTR		04596:16:002F	06-150/11:10:11	1ESd
1473	151 02:33:36	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1474	151 05:05:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0524 (D/L ONLY)					1DP
1475	151 05:05:00	31				CFG CODES					1DP
1476	151 05:10:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0523					1DP

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT 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	151 06:08:18	31	60 SET			15.5 DEGREE SET DSC-60					1V
1478	151 10:02:57	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1479	151 12:00:00	31				VGR-31 OWLT IS 13H 38M 32S					1L
1480	151 12:20:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0524					1DP
1481	151 14:02:20	31	10 SET			10.2 DEGREE SET DSC-10					1V
1482	151 18:56:46	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1483	151 19:03:56	31	40 SET			10.2 DEGREE SET DSC-40					1V
1484	151 23:55:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0524 (D/L ONLY)					1DP
1485	151 23:55:00	31				CFG CODES					1DP
1486	152 00:00:00	31				VGR-31 OWLT IS 13H 38M 34S					1L
1487	152 02:29:38	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1488	152 04:55:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0524					1DP
1489	152 06:04:19	31	60 SET			15.5 DEGREE SET DSC-60					1V
1490	152 06:20:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-0525 (D/L ONLY)					1DP
1491	152 06:20:00	31				CFG CODES					1DP
1492	152 09:58:59	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1493	152 12:00:00	31				VGR-31 OWLT IS 13H 38M 36S					1L
1494	152 12:15:00	31	26 LOS	OPCH ACE		LOS DSS-26 PASS-0525					1DP
1495	152 13:58:22	31	10 SET			10.2 DEGREE SET DSC-10					1V
1496	152 18:52:48	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1497	152 18:59:58	31	40 SET			10.2 DEGREE SET DSC-40					1V
1498	152 22:50:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0525 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1499	152 22:50:00	31				CFG CODES					1DP
1500	153 00:00:00	31				VGR-31 OWLT IS 13H 38M 38S					1L
1501	153 02:00:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0525					1DP
1502	153 02:10:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0526 (U/L PASS)					1DP
1503	153 02:25:40	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1504	153 06:00:20	31	60 SET			15.5 DEGREE SET DSC-60					1V
1505	153 07:15:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0526 (D/L ONLY)					1DP
1506	153 07:15:00	31				CFG CODES					1DP
1507	153 07:35:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0526					1DP
1508	153 09:55:01	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1509	153 12:00:00	31				VGR-31 OWLT IS 13H 38M 41S					1L
1510	153 13:00:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0526					1DP
1511	153 13:54:24	31	10 SET			10.2 DEGREE SET DSC-10					1V
1512	153 18:48:50	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1513	153 18:55:59	31	40 SET			10.2 DEGREE SET DSC-40					1V
1514	153 19:18:30	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		04679:23:002F	06-153/05:39:48	1ECd
1515	153 19:18:30	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3540	DTR		04679:23:002F	06-153/05:39:48	1ESd
1516	153 21:08:45	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		04681:40:642F	06-153/07:30:02	1ECd

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1530	153 22:20:51	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		04683:10:735F	06-153/08:42:08	1ECd
1531	153 22:20:51	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:1158	DTR		04683:10:735F	06-153/08:42:08	1ESd
1532	153 22:20:52	31				BEGIN RECORDING PWS DATA			04683:10:751F	06-153/08:42:08	1T
1533	153 22:20:55	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	04683:11:001F	06-153/08:42:11	1ESf
1534	153 22:20:55	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		04683:11:002F	06-153/08:42:11	1ECs
1535	153 22:20:56	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		04683:11:026F	06-153/08:42:13	1ECf
1536	153 22:20:57	31				B- DRCRUS			04683:11:034F	06-153/08:42:13	1TB
1537	153 22:21:43	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	04683:12:001F	06-153/08:42:59	1ESF
1538	153 22:21:43	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		04683:12:002F	06-153/08:42:59	1ECs
1539	153 22:21:43	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		04683:12:002F	06-153/08:43:00	1ECd

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1540	153 22:21:43	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:0866	DTR		04683:12:002F	06-153/08:43:00	1ESd
1541	153 22:22:31	31			SC32AJ	(13) PLS CONFIG CMD	FDS		04683:13:009F	06-153/08:43:48	1ECf
1542	153 22:22:33	31				END PWSREC.31			04683:13:034F	06-153/08:43:49	1T
1543	154 00:00:00	31				VGR-31 OWLT IS 13H 38M 43S					1L
1544	154 00:15:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0526 (D/L ONLY)					1DP
1545	154 00:15:00	31				CFG CODES					1DP
1546	154 00:28:07	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		04685:50:002F	06-153/10:49:24	1ECd
1547	154 00:28:07	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0859	DTR		04685:50:002F	06-153/10:49:24	1ESd
1548	154 02:21:41	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1549	154 02:32:13	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		04688:25:090F	06-153/12:53:29	1ECd
1550	154 02:32:13	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3540	DTR		04688:25:090F	06-153/12:53:29	1ESd
1551	154 03:28:08	31			CC16C	(7024) DTR STATE SELECT: READY	DTR		04689:35:002F	06-153/13:49:24	1ECd
1552	154 03:28:08	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:3540	DTR		04689:35:002F	06-153/13:49:24	1ESd
1553	154 04:45:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0527 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1554	154 04:45:00	31				CFG CODES					1DP
1555	154 04:55:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0526					1DP
1556	154 05:56:23	31	60 SET			15.5 DEGREE SET DSC-60					1V
1557	154 09:25:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0527 (D/L ONLY)					1DP
1558	154 09:25:00	31				CFG CODES					1DP
1559	154 09:45:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0527					1DP
1560	154 09:51:03	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1561	154 12:00:00	31				VGR-31 OWLT IS 13H 38M 45S					1L
1562	154 13:00:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0527					1DP
1563	154 13:50:26	31	10 SET			10.2 DEGREE SET DSC-10					1V
1564	154 18:44:51	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1565	154 18:52:01	31	40 SET			10.2 DEGREE SET DSC-40					1V
1566	154 23:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0527 (D/L ONLY)					1DP
1567	154 23:45:00	31				CFG CODES					1DP
1568	155 00:00:00	31				VGR-31 OWLT IS 13H 38M 48S					1L
1569	155 02:17:43	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1570	155 03:13:49	31			AC7SSB	(4 +146) SS BIAS CONTROL --- YAW	AACS		04719:17:003F	06-154/13:35:00	1ECa
1571	155 03:50:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0528 (D/L ONLY)					1DP
1572	155 03:50:00	31				CFG CODES					1DP
1573	155 04:10:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0527					1DP
1574	155 05:52:24	31	60 SET			15.5 DEGREE SET DSC-60					1V

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT 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	155 08:55:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0528 (D/L ONLY)					1DP
1576	155 08:55:00	31				CFG CODES					1DP
1577	155 09:15:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0528					1DP
1578	155 09:47:06	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1579	155 11:41:50	31			AC7SSB	(3 -002) SS BIAS CONTROL - PITCH	AACS		04729:52:003F	06-154/22:03:00	1ECa
1580	155 12:00:00	31				VGR-31 OWLT IS 13H 38M 50S					1L
1581	155 12:50:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0528					1DP
1582	155 13:46:28	31	10 SET			10.2 DEGREE SET DSC-10					1V
1583	155 18:40:53	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1584	155 18:48:03	31	40 SET			10.2 DEGREE SET DSC-40					1V
1585	155 20:00:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0528 (D/L ONLY)					1DP
1586	155 20:00:00	31				CFG CODES					1DP
1587	156 00:00:00	31				VGR-31 OWLT IS 13H 38M 53S					1L
1588	156 02:13:45	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1589	156 04:30:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0529 (D/L ONLY)					1DP
1590	156 04:30:00	31				CFG CODES					1DP
1591	156 04:45:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0528					1DP
1592	156 05:48:25	31	60 SET			15.5 DEGREE SET DSC-60					1V
1593	156 09:43:08	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1594	156 12:00:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0529					1DP
1595	156 12:00:00	31				VGR-31 OWLT IS 13H 38M 55S					1L
1596	156 13:42:30	31	10 SET			10.2 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1597	156 18:36:54	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1598	156 18:44:04	31	40 SET			10.2 DEGREE SET DSC-40					1V
1599	156 22:35:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0529 (D/L ONLY)					1DP
1600	156 22:35:00	31				CFG CODES					1DP
1601	157 00:00:00	31				VGR-31 OWLT IS 13H 38M 58S					1L
1602	157 02:09:46	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1603	157 04:30:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0530 (D/L ONLY)					1DP
1604	157 04:30:00	31				CFG CODES					1DP
1605	157 04:45:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0529					1DP
1606	157 05:44:26	31	60 SET			15.6 DEGREE SET DSC-60					1V
1607	157 09:39:10	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1608	157 11:35:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-0530 (D/L ONLY)					1DP
1609	157 11:35:00	31				CFG CODES					1DP
1610	157 11:55:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0530					1DP
1611	157 12:00:00	31				VGR-31 OWLT IS 13H 39M 00S					1L
1612	157 13:38:32	31	10 SET			10.2 DEGREE SET DSC-10					1V
1613	157 15:52:13	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
1614	157 15:52:13	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
1615	157 15:53:01	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1627	157 15:57:14	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		04795:11:026F	06-157/02:18:13	1ECf
1628	157 15:58:01	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	04795:12:001F	06-157/02:18:59	1ESf
1629	157 15:58:01	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		04795:12:002F	06-157/02:18:59	1ECs
1630	157 15:58:01	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		04795:12:002F	06-157/02:19:00	1ECd
1631	157 15:58:01	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:3247	DTR		04795:12:002F	06-157/02:19:00	1ESd
1632	157 15:58:49	31			SC32AJ	(13) PLS CONFIG CMD	FDS		04795:13:009F	06-157/02:19:48	1ECf
1633	157 15:58:50	31				END PWSREC.31			04795:13:018F	06-157/02:19:48	1T
1634	157 17:30:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-0530					1DP
1635	157 18:32:56	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1636	157 18:40:06	31	40 SET			10.2 DEGREE SET DSC-40					1V
1637	157 23:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0530 (D/L ONLY)					1DP
1638	157 23:30:00	31				CFG CODES					1DP
1639	158 00:00:00	31				VGR-31 OWLT IS 13H 39M 03S					1L
1640	158 02:05:48	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1641	158 04:45:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0531 (U/L PASS)					1DP

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1642	158 04:50:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0530					1DP
1643	158 05:40:29	31	60 SET			15.5 DEGREE SET DSC-60					1V
1644	158 09:35:12	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1645	158 12:00:00	31				VGR-31 OWLT IS 13H 39M 05S					1L
1646	158 12:45:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0531					1DP
1647	158 13:34:34	31	10 SET			10.2 DEGREE SET DSC-10					1V
1648	158 18:28:58	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1649	158 18:36:08	31	40 SET			10.2 DEGREE SET DSC-40					1V
1650	158 23:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0531 (D/L ONLY)					1DP
1651	158 23:45:00	31				CFG CODES					1DP
1652	159 00:00:00	31				VGR-31 OWLT IS 13H 39M 08S					1L
1653	159 02:01:50	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1654	159 04:30:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0532 (D/L ONLY)					1DP
1655	159 04:30:00	31				CFG CODES					1DP
1656	159 04:45:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0531					1DP
1657	159 05:36:30	31	60 SET			15.6 DEGREE SET DSC-60					1V
1658	159 09:31:14	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1659	159 12:00:00	31				VGR-31 OWLT IS 13H 39M 11S					1L
1660	159 12:15:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-0532 (D/L ONLY)					1DP
1661	159 12:15:00	31				CFG CODES					1DP
1662	159 12:35:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0532					1DP
1663	159 13:30:36	31	10 SET			10.2 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1664	159 17:00:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-0532					1DP
1665	159 18:24:59	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1666	159 18:32:09	31	40 SET			10.2 DEGREE SET DSC-40					1V
1667	159 22:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0532 (D/L ONLY)					1DP
1668	159 22:30:00	31				CFG CODES					1DP
1669	160 00:00:00	31				VGR-31 OWLT IS 13H 39M 13S					1L
1670	160 01:55:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0532					1DP
1671	160 01:57:51	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1672	160 04:00:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0533 (D/L ONLY)					1DP
1673	160 04:00:00	31				CFG CODES					1DP
1674	160 04:43:51	31			AC7SSB	(4 +145) SS BIAS CONTROL --- YAW	AACS		04871:09:003F	06-159/15:04:36	1ECa
1675	160 05:32:31	31	60 SET			15.6 DEGREE SET DSC-60					1V
1676	160 09:27:16	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1677	160 09:30:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0533 (D/L ONLY)					1DP
1678	160 09:30:00	31				CFG CODES					1DP
1679	160 09:50:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0533					1DP
1680	160 11:50:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0533					1DP
1681	160 12:00:00	31				VGR-31 OWLT IS 13H 39M 16S					1L
1682	160 13:26:38	31	10 SET			10.2 DEGREE SET DSC-10					1V
1683	160 15:34:17	31			AC7SSB	(3 -001) SS BIAS CONTROL - PITCH	AACS		04884:42:003F	06-160/01:55:00	1ECa
1684	160 18:21:01	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1685	160 18:28:11	31	40 SET			10.2 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1699	160 21:55:55	31				BEGIN PWSREC.31			04892:39:018F	06-160/08:16:36	1T
1700	160 21:56:42	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		04892:40:009F	06-160/08:17:24	1ECf
1701	160 21:56:43	31				B- DRGS4B			04892:40:018F	06-160/08:17:24	1TB
1702	160 21:57:26	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		04892:40:735F	06-160/08:18:08	1ECd
1703	160 21:57:26	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:0859	DTR		04892:40:735F	06-160/08:18:08	1ESd
1704	160 21:57:27	31				BEGIN RECORDING PWS DATA			04892:40:751F	06-160/08:18:08	1T
1705	160 21:57:30	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	04892:41:001F	06-160/08:18:11	1ESf
1706	160 21:57:30	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		04892:41:002F	06-160/08:18:11	1ECs
1707	160 21:57:31	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		04892:41:026F	06-160/08:18:13	1ECf
1708	160 21:57:32	31				B- DRCRUS			04892:41:034F	06-160/08:18:13	1TB
1709	160 21:58:18	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	04892:42:001F	06-160/08:18:59	1ESf

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1710	160 21:58:18	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		04892:42:002F	06-160/08:18:59	1ECs
1711	160 21:58:18	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		04892:42:002F	06-160/08:19:00	1ECd
1712	160 21:58:18	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:0567	DTR		04892:42:002F	06-160/08:19:00	1ESd
1713	160 21:59:06	31			SC32AJ	(13) PLS CONFIG CMD	FDS		04892:43:009F	06-160/08:19:48	1ECf
1714	160 21:59:08	31				END PWSREC.31			04892:43:034F	06-160/08:19:49	1T
1715	160 22:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0533 (D/L ONLY)					1DP
1716	160 22:45:00	31				CFG CODES					1DP
1717	161 00:00:00	31				VGR-31 OWLT IS 13H 39M 19S					1L
1718	161 00:04:43	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		04895:20:002F	06-160/10:25:24	1ECd
1719	161 00:04:43	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0560	DTR		04895:20:002F	06-160/10:25:24	1ESd
1720	161 01:53:53	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1721	161 02:08:48	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		04897:55:090F	06-160/12:29:29	1ECd
1722	161 02:08:48	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:3241	DTR		04897:55:090F	06-160/12:29:29	1ESd
1723	161 03:04:44	31			CC16C	(7024) DTR STATE SELECT: READY	DTR		04899:05:002F	06-160/13:25:24	1ECd

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1724	161 03:04:44	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:3241	DTR		04899:05:002F	06-160/13:25:24	1ESd
1725	161 04:15:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0534 (D/L ONLY)					1DP
1726	161 04:15:00	31				CFG CODES					1DP
1727	161 04:35:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0533					1DP
1728	161 05:28:34	31	60 SET			15.6 DEGREE SET DSC-60					1V
1729	161 09:23:18	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1730	161 12:00:00	31				VGR-31 OWLT IS 13H 39M 22S					1L
1731	161 12:40:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0534					1DP
1732	161 13:22:40	31	10 SET			10.2 DEGREE SET DSC-10					1V
1733	161 18:17:03	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1734	161 18:24:13	31	40 SET			10.2 DEGREE SET DSC-40					1V
1735	161 21:05:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0534 (D/L ONLY)					1DP
1736	161 21:05:00	31				CFG CODES					1DP
1737	162 00:00:00	31				VGR-31 OWLT IS 13H 39M 24S					1L
1738	162 01:45:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0535 (D/L ONLY)					1DP
1739	162 01:45:00	31				CFG CODES					1DP
1740	162 01:49:55	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1741	162 02:05:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0534					1DP
1742	162 05:24:35	31	60 SET			15.6 DEGREE SET DSC-60					1V
1743	162 09:19:20	31	40RISE			10.2 DEGREE RISE DSC-40					1V

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1744	162 12:00:00	31				VGR-31 OWLT IS 13H 39M 27S					1L
1745	162 13:18:42	31	10	SET		10.2 DEGREE SET DSC-10					1V
1746	162 13:25:00	31	14	LOS	OPCH ACE	LOS DSS-14 PASS-0535					1DP
1747	162 18:13:05	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
1748	162 18:20:15	31	40	SET		10.2 DEGREE SET DSC-40					1V
1749	162 19:40:00	31	65	AOS	OPCH ACE	AOS DSS-65 PASS-0535 (D/L ONLY)					1DP
1750	162 19:40:00	31				CFG CODES					1DP
1751	163 00:00:00	31				VGR-31 OWLT IS 13H 39M 30S					1L
1752	163 01:45:57	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
1753	163 04:10:00	31	15	AOS	OPCH ACE	AOS DSS-15 PASS-0536 (D/L ONLY)					1DP
1754	163 04:10:00	31				CFG CODES					1DP
1755	163 04:30:00	31	65	LOS	OPCH ACE	LOS DSS-65 PASS-0535					1DP
1756	163 05:20:36	31	60	SET		15.6 DEGREE SET DSC-60					1V
1757	163 09:15:22	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
1758	163 12:00:00	31				VGR-31 OWLT IS 13H 39M 33S					1L
1759	163 12:25:00	31	15	LOS	OPCH ACE	LOS DSS-15 PASS-0536					1DP
1760	163 13:14:44	31	10	SET		10.2 DEGREE SET DSC-10					1V
1761	163 18:09:06	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
1762	163 18:16:16	31	40	SET		10.2 DEGREE SET DSC-40					1V
1763	163 20:45:00	31	65	AOS	OPCH ACE	AOS DSS-65 PASS-0536 (D/L ONLY)					1DP
1764	163 20:45:00	31				CFG CODES					1DP
1765	164 00:00:00	31				VGR-31 OWLT IS 13H 39M 36S					1L

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1783	164 15:33:48	31				BEGIN RECORDING PWS DATA			05004:40:734F	06-164/01:54:07	1T
1784	164 15:33:48	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		05004:40:735F	06-164/01:54:08	1ECd
1785	164 15:33:48	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:4 TIC:3241	DTR		05004:40:735F	06-164/01:54:08	1ESd
1786	164 15:33:52	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	05004:41:001F	06-164/01:54:11	1ESf
1787	164 15:33:52	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		05004:41:002F	06-164/01:54:11	1ECs
1788	164 15:33:53	31				B- DRCRUS			05004:41:018F	06-164/01:54:12	1TB
1789	164 15:33:53	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		05004:41:026F	06-164/01:54:13	1ECf
1790	164 15:34:40	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	05004:42:001F	06-164/01:54:59	1ESF
1791	164 15:34:40	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		05004:42:002F	06-164/01:54:59	1ECs
1792	164 15:34:40	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		05004:42:002F	06-164/01:55:00	1ECd

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1793	164 15:34:40	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:2948	DTR		05004:42:002F	06-164/01:55:00	1ESd
1794	164 15:35:28	31			SC32AJ	(13) PLS CONFIG CMD	FDS		05004:43:009F	06-164/01:55:48	1ECf
1795	164 15:35:29	31				END PWSREC.31			05004:43:018F	06-164/01:55:48	1T
1796	164 18:05:08	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1797	164 18:12:18	31	40 SET			10.2 DEGREE SET DSC-40					1V
1798	164 23:35:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0537 (D/L ONLY)					1DP
1799	164 23:35:00	31				CFG CODES					1DP
1800	165 00:00:00	31				VGR-31 OWLT IS 13H 39M 42S					1L
1801	165 01:38:00	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1802	165 04:15:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0538 (U/L PASS)					1DP
1803	165 04:25:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0537					1DP
1804	165 05:12:41	31	60 SET			15.6 DEGREE SET DSC-60					1V
1805	165 09:07:26	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1806	165 12:00:00	31				VGR-31 OWLT IS 13H 39M 45S					1L
1807	165 13:06:48	31	10 SET			10.2 DEGREE SET DSC-10					1V
1808	165 13:15:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0538					1DP
1809	165 14:55:00	31	43 AOS	OPCH ACE		AOS DSS-43 PASS-0538 (D/L ONLY)					1DP
1810	165 14:55:00	31				CFG CODES					1DP
1811	165 18:01:10	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1812	165 18:08:20	31	40 SET			10.2 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1813	165 18:20:00	31	43 LOS	OPCH ACE		LOS DSS-43 PASS-0538					1DP
1814	165 19:26:47	31			AC7SSB	(3 +000) SS BIAS CONTROL - PITCH	AACS		05039:32:003F	06-165/05:47:00	1ECa
1815	165 23:35:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0538 (D/L ONLY)					1DP
1816	165 23:35:00	31				CFG CODES					1DP
1817	166 00:00:00	31				VGR-31 OWLT IS 13H 39M 48S					1L
1818	166 01:34:02	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1819	166 02:25:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0539 (D/L ONLY)					1DP
1820	166 02:25:00	31				CFG CODES					1DP
1821	166 02:50:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0538					1DP
1822	166 05:08:42	31	60 SET			15.6 DEGREE SET DSC-60					1V
1823	166 08:20:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0539 (D/L ONLY)					1DP
1824	166 08:20:00	31				CFG CODES					1DP
1825	166 08:50:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0539					1DP
1826	166 09:03:28	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1827	166 11:05:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0539					1DP
1828	166 12:00:00	31				VGR-31 OWLT IS 13H 39M 51S					1L
1829	166 13:02:50	31	10 SET			10.2 DEGREE SET DSC-10					1V
1830	166 17:57:12	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1831	166 18:04:22	31	40 SET			10.2 DEGREE SET DSC-40					1V
1832	166 22:15:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0539 (D/L ONLY)					1DP
1833	166 22:15:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1834	167 00:00:00	31				VGR-31 OWLT IS 13H 39M 54S					1L
1835	167 01:23:43	31			AC7SSB	(4 +144) SS BIAS CONTROL --- YAW	AACS		05076:58:003F	06-166/11:43:48	1ECa
1836	167 01:30:04	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1837	167 04:00:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0540 (D/L ONLY)					1DP
1838	167 04:00:00	31				CFG CODES					1DP
1839	167 04:15:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0539					1DP
1840	167 05:04:45	31	60 SET			15.6 DEGREE SET DSC-60					1V
1841	167 08:59:29	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1842	167 10:10:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-0540 (D/L ONLY)					1DP
1843	167 10:10:00	31				CFG CODES					1DP
1844	167 10:15:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0540					1DP
1845	167 12:00:00	31				VGR-31 OWLT IS 13H 39M 57S					1L
1846	167 12:58:52	31	10 SET			10.2 DEGREE SET DSC-10					1V
1847	167 16:45:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-0540					1DP
1848	167 17:53:14	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1849	167 18:00:24	31	40 SET			10.2 DEGREE SET DSC-40					1V
1850	167 18:31:47	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		05098:23:002F	06-167/04:51:48	1ECd
1851	167 18:31:47	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2942	DTR		05098:23:002F	06-167/04:51:48	1ESd
1852	167 20:22:02	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		05100:40:636F	06-167/06:42:02	1ECd

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1866	167 21:34:08	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		05102:10:735F	06-167/07:54:08	1ECd
1867	167 21:34:08	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:0560	DTR		05102:10:735F	06-167/07:54:08	1ESd
1868	167 21:34:09	31				BEGIN RECORDING PWS DATA			05102:10:751F	06-167/07:54:08	1T
1869	167 21:34:12	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	05102:11:001F	06-167/07:54:11	1ESf
1870	167 21:34:12	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		05102:11:002F	06-167/07:54:11	1ECs
1871	167 21:34:13	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		05102:11:026F	06-167/07:54:13	1ECf
1872	167 21:34:14	31				B- DRCRUS			05102:11:034F	06-167/07:54:13	1TB
1873	167 21:35:00	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	05102:12:001F	06-167/07:54:59	1ESF
1874	167 21:35:00	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		05102:12:002F	06-167/07:54:59	1ECs
1875	167 21:35:00	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		05102:12:002F	06-167/07:55:00	1ECd

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1876	167 21:35:00	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:0853	DTR		05102:12:002F	06-167/07:55:00	1ESd
1877	167 21:35:48	31			SC32AJ	(13) PLS CONFIG CMD	FDS		05102:13:009F	06-167/07:55:48	1ECf
1878	167 21:35:50	31				END PWSREC.31			05102:13:034F	06-167/07:55:49	1T
1879	167 22:50:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0540 (D/L ONLY)					1DP
1880	167 22:50:00	31				CFG CODES					1DP
1881	167 23:41:24	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		05104:50:002F	06-167/10:01:24	1ECd
1882	167 23:41:24	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0859	DTR		05104:50:002F	06-167/10:01:24	1ESd
1883	168 00:00:00	31				VGR-31 OWLT IS 13H 40M 00S					1L
1884	168 01:17:48	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		05106:50:393F	06-167/11:37:47	1ECd
1885	168 01:17:48	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2942	DTR		05106:50:393F	06-167/11:37:47	1ESd
1886	168 01:26:06	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1887	168 02:41:25	31			CC16C	(7024) DTR STATE SELECT: READY	DTR		05108:35:002F	06-167/13:01:24	1ECd
1888	168 02:41:25	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:2942	DTR		05108:35:002F	06-167/13:01:24	1ESd
1889	168 03:40:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0541 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1890	168 03:40:00	31				CFG CODES					1DP
1891	168 04:10:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0540					1DP
1892	168 05:00:46	31	60 SET			15.6 DEGREE SET DSC-60					1V
1893	168 08:50:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0541 (D/L ONLY)					1DP
1894	168 08:50:00	31				CFG CODES					1DP
1895	168 08:55:31	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1896	168 09:10:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0541					1DP
1897	168 11:00:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-0541 (D/L ONLY)					1DP
1898	168 11:00:00	31				CFG CODES					1DP
1899	168 11:25:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0541					1DP
1900	168 12:00:00	31				VGR-31 OWLT IS 13H 40M 04S					1L
1901	168 12:54:54	31	10 SET			10.2 DEGREE SET DSC-10					1V
1902	168 16:45:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-0541					1DP
1903	168 17:49:16	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1904	168 17:56:26	31	40 SET			10.2 DEGREE SET DSC-40					1V
1905	169 00:00:00	31				VGR-31 OWLT IS 13H 40M 07S					1L
1906	169 01:22:08	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1907	169 03:45:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0542 (D/L ONLY)					1DP
1908	169 03:45:00	31				CFG CODES					1DP
1909	169 04:56:49	31	60 SET			15.6 DEGREE SET DSC-60					1V
1910	169 08:40:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0542 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1911	169 08:40:00	31				CFG CODES					1DP
1912	169 08:51:33	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1913	169 09:00:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0542					1DP
1914	169 11:10:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0542					1DP
1915	169 12:00:00	31				VGR-31 OWLT IS 13H 40M 10S					1L
1916	169 12:50:55	31	10 SET			10.2 DEGREE SET DSC-10					1V
1917	169 13:05:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-0542 (D/L ONLY)					1DP
1918	169 13:05:00	31				CFG CODES					1DP
1919	169 16:35:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-0542					1DP
1920	169 17:45:18	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1921	169 17:52:28	31	40 SET			10.2 DEGREE SET DSC-40					1V
1922	169 21:55:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0542 (D/L ONLY)					1DP
1923	169 21:55:00	31				CFG CODES					1DP
1924	170 00:00:00	31				VGR-31 OWLT IS 13H 40M 13S					1L
1925	170 01:18:10	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1926	170 03:45:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0543 (D/L ONLY)					1DP
1927	170 03:45:00	31				CFG CODES					1DP
1928	170 04:00:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0542					1DP
1929	170 04:52:50	31	60 SET			15.6 DEGREE SET DSC-60					1V
1930	170 05:45:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0543 (D/L ONLY)					1DP
1931	170 05:45:00	31				CFG CODES					1DP

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1932	170 06:00:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0543					1DP
1933	170 08:47:35	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1934	170 12:00:00	31				VGR-31 OWLT IS 13H 40M 17S					1L
1935	170 12:46:57	31	10 SET			10.2 DEGREE SET DSC-10					1V
1936	170 13:00:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0543					1DP
1937	170 17:41:20	31	60RISE			10.2 DEGREE RISE DSC-60					1V
1938	170 17:48:30	31	40 SET			10.2 DEGREE SET DSC-40					1V
1939	170 22:05:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0543 (D/L ONLY)					1DP
1940	170 22:05:00	31				CFG CODES					1DP
1941	170 23:19:20	31			AC7SSB	(3 +001) SS BIAS CONTROL - PITCH	AACS		05194:22:003F	06-170/09:39:00	1ECa
1942	171 00:00:00	31				VGR-31 OWLT IS 13H 40M 20S					1L
1943	171 01:14:12	31	10RISE			10.2 DEGREE RISE DSC-10					1V
1944	171 03:45:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0544 (D/L ONLY)					1DP
1945	171 03:45:00	31				CFG CODES					1DP
1946	171 03:55:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0543					1DP
1947	171 04:48:51	31	60 SET			15.6 DEGREE SET DSC-60					1V
1948	171 05:20:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0544 (D/L ONLY)					1DP
1949	171 05:20:00	31				CFG CODES					1DP
1950	171 05:35:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0544					1DP
1951	171 08:43:37	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1952	171 10:00:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-0544 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1968	171 15:10:36	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	05214:11:001F	06-171/01:30:11	1ESf
1969	171 15:10:36	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		05214:11:002F	06-171/01:30:11	1ECs
1970	171 15:10:37	31				B- DRCRUS			05214:11:018F	06-171/01:30:12	1TB
1971	171 15:10:37	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		05214:11:026F	06-171/01:30:13	1ECf
1972	171 15:11:24	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	05214:12:001F	06-171/01:30:59	1ESf
1973	171 15:11:24	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		05214:12:002F	06-171/01:30:59	1ECs
1974	171 15:11:24	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		05214:12:002F	06-171/01:31:00	1ECd
1975	171 15:11:24	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:2649	DTR		05214:12:002F	06-171/01:31:00	1ESd
1976	171 15:12:12	31			SC32AJ	(13) PLS CONFIG CMD	FDS		05214:13:009F	06-171/01:31:48	1ECf
1977	171 15:12:13	31				END PWSREC.31			05214:13:018F	06-171/01:31:48	1T
1978	171 16:30:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-0544					1DP

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1995	172 06:54:41	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		05233:51:001F	06-171/17:14:11	1ECs
1996	172 07:01:05	31			SC06BY	(7) FDS PLS/MAG/PESCAL FLAG PLSCAL ENABLED MAGCAL ENABLED PESCAL ENABLED	FDS		05233:59:009F	06-171/17:20:36	1ECf
1997	172 07:01:53	31				BEGIN PLS/MAG/PESCAL			05234:00:001F	06-171/17:21:23	1T
1998	172 08:39:39	31	40RISE			10.2 DEGREE RISE DSC-40					1V
1999	172 08:44:17	31				END PLSCAL			05236:08:001F	06-171/19:03:47	1T
2000	172 10:04:18	31				END MAGCAL			05237:48:001F	06-171/20:23:47	1T
2001	172 10:17:42	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESf
2002	172 10:17:42	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2003	172 10:21:54	31				END PESCAL			05238:10:001F	06-171/20:41:23	1T
2004	172 10:21:54	31				B- DRCSR			05238:10:001F	06-171/20:41:23	1TB
2005	172 10:21:54	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		05238:10:010F	06-171/20:41:24	1ECf
2006	172 10:22:42	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	05238:11:001F	06-171/20:42:11	1ESf
2007	172 10:22:42	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		05238:11:002F	06-171/20:42:11	1ECs

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2008	172 10:22:43	31				END PMPCALLR			05238:11:018F	06-171/20:42:12	1T
2009	172 12:00:00	31				VGR-31 OWLT IS 13H 40M 30S					1L
2010	172 12:35:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-0545 (D/L ONLY)					1DP
2011	172 12:35:00	31				CFG CODES					1DP
2012	172 12:39:01	31	10 SET			10.2 DEGREE SET DSC-10					1V
2013	172 12:45:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0545					1DP
2014	172 16:30:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-0545					1DP
2015	172 17:33:24	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2016	172 17:40:34	31	40 SET			10.2 DEGREE SET DSC-40					1V
2017	172 20:15:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0545 (D/L ONLY)					1DP
2018	172 20:15:00	31				CFG CODES					1DP
2019	173 00:00:00	31				VGR-31 OWLT IS 13H 40M 34S					1L
2020	173 01:06:16	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2021	173 02:45:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0546 (U/L PASS)					1DP
2022	173 03:00:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0545					1DP
2023	173 04:40:55	31	60 SET			15.6 DEGREE SET DSC-60					1V
2024	173 08:35:41	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2025	173 08:45:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0546 (D/L ONLY)					1DP
2026	173 08:45:00	31				CFG CODES					1DP
2027	173 09:05:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0546					1DP
2028	173 10:50:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-0546 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2029	173 10:50:00	31				CFG CODES					1DP
2030	173 11:50:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0546					1DP
2031	173 12:00:00	31				VGR-31 OWLT IS 13H 40M 37S					1L
2032	173 12:35:03	31	10 SET			10.2 DEGREE SET DSC-10					1V
2033	173 16:20:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-0546					1DP
2034	173 17:29:26	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2035	173 17:36:36	31	40 SET			10.2 DEGREE SET DSC-40					1V
2036	173 22:00:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0546 (D/L ONLY)					1DP
2037	173 22:00:00	31				CFG CODES					1DP
2038	174 00:00:00	31				VGR-31 OWLT IS 13H 40M 41S					1L
2039	174 01:02:18	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2040	174 03:30:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0547 (D/L ONLY)					1DP
2041	174 03:30:00	31				CFG CODES					1DP
2042	174 03:45:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0546					1DP
2043	174 04:36:58	31	60 SET			15.6 DEGREE SET DSC-60					1V
2044	174 08:31:42	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2045	174 11:00:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0547					1DP
2046	174 11:00:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0547 (D/L ONLY)					1DP
2047	174 11:00:00	31				CFG CODES					1DP
2048	174 12:00:00	31				VGR-31 OWLT IS 13H 40M 44S					1L
2049	174 12:31:05	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
2063	174 21:09:23	31			SC32AJ	(10) PLS CONFIG CMD	FDS		05311:39:009F	06-174/07:28:36	1ECf
2064	174 21:09:24	31				AHELII PWSREC 12			05311:39:018F	06-174/07:28:36	1T
2065	174 21:09:24	31				B- PWSREC.31			05311:39:018F	06-174/07:28:36	1TB
2066	174 21:09:24	31				BEGIN PWSREC.31			05311:39:018F	06-174/07:28:36	1T
2067	174 21:10:11	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		05311:40:009F	06-174/07:29:24	1ECf
2068	174 21:10:12	31				B- DRGS4B			05311:40:018F	06-174/07:29:24	1TB
2069	174 21:10:55	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		05311:40:735F	06-174/07:30:08	1ECd
2070	174 21:10:55	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:0859	DTR		05311:40:735F	06-174/07:30:08	1ESd
2071	174 21:10:56	31				BEGIN RECORDING PWS DATA			05311:40:751F	06-174/07:30:08	1T
2072	174 21:10:59	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	05311:41:001F	06-174/07:30:11	1ESf
2073	174 21:10:59	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		05311:41:002F	06-174/07:30:11	1ECs
2074	174 21:11:00	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		05311:41:026F	06-174/07:30:13	1ECf
2075	174 21:11:01	31				B- DRCRUS			05311:41:034F	06-174/07:30:13	1TB

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2076	174 21:11:47	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	05311:42:001F	06-174/07:30:59	1ESf
2077	174 21:11:47	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		05311:42:002F	06-174/07:31:00	1ECs
2078	174 21:11:47	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		05311:42:002F	06-174/07:31:00	1ECd
2079	174 21:11:47	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:1152	DTR		05311:42:002F	06-174/07:31:00	1ESd
2080	174 21:12:35	31			SC32AJ	(13) PLS CONFIG CMD	FDS		05311:43:009F	06-174/07:31:48	1ECf
2081	174 21:12:37	31				END PWSREC.31			05311:43:034F	06-174/07:31:49	1T
2082	174 21:25:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0547 (D/L ONLY)					1DP
2083	174 21:25:00	31				CFG CODES					1DP
2084	174 23:18:11	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		05314:20:002F	06-174/09:37:24	1ECd
2085	174 23:18:11	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1158	DTR		05314:20:002F	06-174/09:37:24	1ESd
2086	175 00:00:00	31				VGR-31 OWLT IS 13H 40M 48S					1L
2087	175 00:26:54	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		05315:45:708F	06-174/10:46:06	1ECd
2088	175 00:26:54	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2643	DTR		05315:45:708F	06-174/10:46:06	1ESd

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2089	175 00:58:20	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2090	175 02:18:12	31			CC16C	(7024) DTR STATE SELECT: READY	DTR		05318:05:002F	06-174/12:37:24	1ECd
2091	175 02:18:12	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:2643	DTR	05318:05:002F	06-174/12:37:24	1ESd	
2092	175 03:30:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0548 (D/L ONLY)					1DP
2093	175 03:30:00	31				CFG CODES					1DP
2094	175 03:40:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0547					1DP
2095	175 04:32:59	31	60 SET			15.6 DEGREE SET DSC-60					1V
2096	175 08:27:44	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2097	175 08:50:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0548 (D/L ONLY)					1DP
2098	175 08:50:00	31				CFG CODES					1DP
2099	175 09:10:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0548					1DP
2100	175 10:19:51	31			AC7SSB	(4 +143) SS BIAS CONTROL --- YAW	AACS		05328:07:003F	06-174/20:39:00	1ECa
2101	175 11:20:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-0548 (D/L ONLY)					1DP
2102	175 11:20:00	31				CFG CODES					1DP
2103	175 11:40:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0548					1DP
2104	175 12:00:00	31				VGR-31 OWLT IS 13H 40M 51S					1L
2105	175 12:27:07	31	10 SET			10.2 DEGREE SET DSC-10					1V
2106	175 16:15:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-0548					1DP
2107	175 17:21:30	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2108	175 17:28:40	31	40 SET			10.2 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2109	175 23:15:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0548 (D/L ONLY)					1DP
2110	175 23:15:00	31				CFG CODES					1DP
2111	176 00:00:00	31				VGR-31 OWLT IS 13H 40M 55S					1L
2112	176 00:45:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0549 (D/L ONLY)					1DP
2113	176 00:45:00	31				CFG CODES					1DP
2114	176 00:54:22	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2115	176 01:05:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0548					1DP
2116	176 03:11:56	31			AC7SSB	(3 +002) SS BIAS CONTROL - PITCH	AACS		05349:12:003F	06-175/13:31:00	1ECa
2117	176 04:29:03	31	60 SET			15.6 DEGREE SET DSC-60					1V
2118	176 08:23:46	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2119	176 10:20:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0549					1DP
2120	176 12:00:00	31				VGR-31 OWLT IS 13H 40M 59S					1L
2121	176 12:23:08	31	10 SET			10.2 DEGREE SET DSC-10					1V
2122	176 17:17:32	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2123	176 17:24:42	31	40 SET			10.2 DEGREE SET DSC-40					1V
2124	176 18:40:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0549 (D/L ONLY)					1DP
2125	176 18:40:00	31				CFG CODES					1DP
2126	177 00:00:00	31				VGR-31 OWLT IS 13H 41M 02S					1L
2127	177 00:50:24	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2128	177 02:10:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0549					1DP
2129	177 02:30:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0550 (D/L ONLY)					1DP

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2130	177 02:30:00	31				CFG CODES					1DP
2131	177 04:25:06	31	60	SET		15.5 DEGREE SET DSC-60					1V
2132	177 08:19:48	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
2133	177 12:00:00	31				VGR-31 OWLT IS 13H 41M 06S					1L
2134	177 12:19:10	31	10	SET		10.2 DEGREE SET DSC-10					1V
2135	177 12:30:00	31	14	LOS	OPCH ACE	LOS DSS-14 PASS-0550					1DP
2136	177 17:13:34	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
2137	177 17:20:44	31	40	SET		10.2 DEGREE SET DSC-40					1V
2138	177 21:55:00	31	65	AOS	OPCH ACE	AOS DSS-65 PASS-0550 (D/L ONLY)					1DP
2139	177 21:55:00	31				CFG CODES					1DP
2140	178 00:00:00	31				VGR-31 OWLT IS 13H 41M 10S					1L
2141	178 00:46:26	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
2142	178 01:30:00	31	14	AOS	OPCH ACE	AOS DSS-14 PASS-0551 (D/L ONLY)					1DP
2143	178 01:30:00	31				CFG CODES					1DP
2144	178 01:50:00	31	65	LOS	OPCH ACE	LOS DSS-65 PASS-0550					1DP
2145	178 04:21:07	31	60	SET		15.5 DEGREE SET DSC-60					1V
2146	178 06:45:00	31	15	AOS	OPCH ACE	AOS DSS-15 PASS-0551 (D/L ONLY)					1DP
2147	178 06:45:00	31				CFG CODES					1DP
2148	178 07:05:00	31	14	LOS	OPCH ACE	LOS DSS-14 PASS-0551					1DP
2149	178 08:15:50	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
2150	178 09:20:00	31	15	LOS	OPCH ACE	LOS DSS-15 PASS-0551					1DP

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2151	178 10:00:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-0551 (D/L ONLY)					1DP
2152	178 10:00:00	31				CFG CODES					1DP
2153	178 12:00:00	31				VGR-31 OWLT IS 13H 41M 13S					1L
2154	178 12:15:12	31	10 SET			10.2 DEGREE SET DSC-10					1V
2155	178 14:42:26	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
2156	178 14:42:26	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2157	178 14:43:14	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					1ESF
2158	178 14:43:14	31		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					11EC
2159	178 14:45:50	31				BEGIN PWSREC.31			05423:39:001F	06-178/01:04:35	1T
2160	178 14:45:50	31			SC32AJ	(10) PLS CONFIG CMD	FDS		05423:39:009F	06-178/01:04:36	1ECF
2161	178 14:46:38	31				B- DRGS4B			05423:40:001F	06-178/01:05:23	1TB
2162	178 14:46:38	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		05423:40:009F	06-178/01:05:24	1ECF
2163	178 14:47:22	31				BEGIN RECORDING PWS DATA			05423:40:734F	06-178/01:06:07	1T
2164	178 14:47:22	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		05423:40:735F	06-178/01:06:08	1ECD
2165	178 14:47:22	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:4 TIC:2643	DTR		05423:40:735F	06-178/01:06:08	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
2166	178 14:47:26	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	05423:41:001F	06-178/01:06:11	1ESf
2167	178 14:47:26	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		05423:41:002F	06-178/01:06:11	1ECs
2168	178 14:47:27	31				B- DRCRUS			05423:41:018F	06-178/01:06:12	1TB
2169	178 14:47:27	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		05423:41:026F	06-178/01:06:13	1ECf
2170	178 14:48:14	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	05423:42:001F	06-178/01:06:59	1ESf
2171	178 14:48:14	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		05423:42:002F	06-178/01:06:59	1ECs
2172	178 14:48:14	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		05423:42:002F	06-178/01:07:00	1ECd
2173	178 14:48:14	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:2350	DTR		05423:42:002F	06-178/01:07:00	1ESd
2174	178 14:49:02	31			SC32AJ	(13) PLS CONFIG CMD	FDS		05423:43:009F	06-178/01:07:48	1ECf
2175	178 14:49:03	31				END PWSREC.31			05423:43:018F	06-178/01:07:48	1T
2176	178 15:45:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-0551					1DP

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2177	178 17:09:37	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2178	178 17:16:46	31	40 SET			10.2 DEGREE SET DSC-40					1V
2179	178 23:15:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0551 (D/L ONLY)					1DP
2180	178 23:15:00	31				CFG CODES					1DP
2181	179 00:00:00	31				VGR-31 OWLT IS 13H 41M 17S					1L
2182	179 00:42:28	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2183	179 03:20:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0551					1DP
2184	179 03:30:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0552 (U/L PASS)					1DP
2185	179 04:17:10	31	60 SET			15.5 DEGREE SET DSC-60					1V
2186	179 08:11:51	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2187	179 09:00:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0552 (D/L ONLY)					1DP
2188	179 09:00:00	31				CFG CODES					1DP
2189	179 09:30:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0552					1DP
2190	179 11:25:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0552					1DP
2191	179 12:00:00	31				VGR-31 OWLT IS 13H 41M 21S					1L
2192	179 12:11:14	31	10 SET			10.2 DEGREE SET DSC-10					1V
2193	179 17:05:39	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2194	179 17:12:49	31	40 SET			10.2 DEGREE SET DSC-40					1V
2195	179 22:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0552 (D/L ONLY)					1DP
2196	179 22:30:00	31				CFG CODES					1DP
2197	180 00:00:00	31				VGR-31 OWLT IS 13H 41M 25S					1L
2198	180 00:38:31	31	10RISE			10.2 DEGREE RISE DSC-10					1V

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2199	180 03:10:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0552					1DP
2200	180 03:15:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0553 (D/L ONLY)					1DP
2201	180 03:15:00	31				CFG CODES					1DP
2202	180 04:13:11	31	60 SET			15.5 DEGREE SET DSC-60					1V
2203	180 08:07:53	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2204	180 09:15:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0553					1DP
2205	180 10:00:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-0553 (D/L ONLY)					1DP
2206	180 10:00:00	31				CFG CODES					1DP
2207	180 12:00:00	31				VGR-31 OWLT IS 13H 41M 29S					1L
2208	180 12:07:16	31	10 SET			10.2 DEGREE SET DSC-10					1V
2209	180 15:50:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-0553					1DP
2210	180 17:01:41	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2211	180 17:08:51	31	40 SET			10.2 DEGREE SET DSC-40					1V
2212	180 19:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0553 (D/L ONLY)					1DP
2213	180 19:45:00	31				CFG CODES					1DP
2214	181 00:00:00	31				VGR-31 OWLT IS 13H 41M 33S					1L
2215	181 00:34:33	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2216	181 01:30:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0554 (D/L ONLY)					1DP
2217	181 01:30:00	31				CFG CODES					1DP
2218	181 01:45:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0553					1DP
2219	181 04:09:14	31	60 SET			15.5 DEGREE SET DSC-60					1V

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2235	181 20:45:27	31			CC16C	(7017) DTR STATE SELECT: READY	DTR		05521:08:002F	06-181/07:03:48	1ECd
2236	181 20:45:27	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:1158	DTR		05521:08:002F	06-181/07:03:48	1ESd
2237	181 20:46:15	31			SC32AJ	(10) PLS CONFIG CMD	FDS		05521:09:009F	06-181/07:04:36	1ECf
2238	181 20:46:16	31				AHEL11 PWSREC 13			05521:09:018F	06-181/07:04:36	1T
2239	181 20:46:16	31				B- PWSREC.31			05521:09:018F	06-181/07:04:36	1TB
2240	181 20:46:16	31				BEGIN PWSREC.31			05521:09:018F	06-181/07:04:36	1T
2241	181 20:47:03	31			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		05521:10:009F	06-181/07:05:24	1ECf
2242	181 20:47:04	31				B- DRGS4B			05521:10:018F	06-181/07:05:24	1TB
2243	181 20:47:47	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		05521:10:735F	06-181/07:06:08	1ECd
2244	181 20:47:47	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:1158	DTR		05521:10:735F	06-181/07:06:08	1ESd
2245	181 20:47:48	31				BEGIN RECORDING PWS DATA			05521:10:751F	06-181/07:06:08	1T
2246	181 20:47:51	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	05521:11:001F	06-181/07:06:11	1ESf
2247	181 20:47:51	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		05521:11:002F	06-181/07:06:11	1ECs

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2248	181 20:47:52	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		05521:11:026F	06-181/07:06:13	1ECf
2249	181 20:47:53	31				B- DRCRUS			05521:11:034F	06-181/07:06:13	1TB
2250	181 20:48:39	31		ACE	OPCH		FDS	CR-5T	05521:12:001F	06-181/07:06:59	1ESf
						FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11					
2251	181 20:48:39	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		05521:12:002F	06-181/07:06:59	1ECs
2252	181 20:48:39	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		05521:12:002F	06-181/07:07:00	1ECd
2253	181 20:48:39	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:1451	DTR		05521:12:002F	06-181/07:07:00	1ESd
2254	181 20:49:27	31			SC32AJ	(13) PLS CONFIG CMD	FDS		05521:13:009F	06-181/07:07:48	1ECf
2255	181 20:49:29	31				END PWSREC.31			05521:13:034F	06-181/07:07:49	1T
2256	181 22:55:04	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		05523:50:002F	06-181/09:13:24	1ECd
2257	181 22:55:04	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1457	DTR		05523:50:002F	06-181/09:13:24	1ESd
2258	181 23:10:00	31	65 AOS	OPCH	ACE	AOS DSS-65 PASS-0554 (D/L ONLY)					1DP
2259	181 23:10:00	31				CFG CODES					1DP
2260	181 23:36:05	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		05524:41:223F	06-181/09:54:25	1ECd

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2261	181 23:36:05	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2344	DTR		05524:41:223F	06-181/09:54:25	1ESd
2262	182 00:00:00	31				VGR-31 OWLT IS 13H 41M 40S					1L
2263	182 00:30:35	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2264	182 01:55:05	31			CC16C	(7024) DTR STATE SELECT: READY	DTR		05527:35:002F	06-181/12:13:24	1ECd
2265	182 01:55:05	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:2344	DTR		05527:35:002F	06-181/12:13:24	1ESd
2266	182 02:55:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0555 (D/L ONLY)					1DP
2267	182 02:55:00	31				CFG CODES					1DP
2268	182 03:15:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0554					1DP
2269	182 04:05:18	31	60 SET			15.5 DEGREE SET DSC-60					1V
2270	182 07:59:57	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2271	182 08:55:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0555 (D/L ONLY)					1DP
2272	182 08:55:00	31				CFG CODES					1DP
2273	182 09:15:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0555					1DP
2274	182 11:15:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0555					1DP
2275	182 11:59:19	31	10 SET			10.2 DEGREE SET DSC-10					1V
2276	182 12:00:00	31				VGR-31 OWLT IS 13H 41M 44S					1L
2277	182 16:53:46	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2278	182 17:00:56	31	40 SET			10.2 DEGREE SET DSC-40					1V

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2279	182 19:30:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0555 (D/L ONLY)					1DP
2280	182 19:30:00	31				CFG CODES					1DP
2281	183 00:00:00	31				VGR-31 OWLT IS 13H 41M 48S					1L
2282	183 00:26:38	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2283	183 02:35:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0556 (D/L ONLY)					1DP
2284	183 02:35:00	31				CFG CODES					1DP
2285	183 03:00:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0555					1DP
2286	183 04:01:19	31	60 SET			15.5 DEGREE SET DSC-60					1V
2287	183 07:55:58	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2288	183 11:05:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0556					1DP
2289	183 11:55:21	31	10 SET			10.2 DEGREE SET DSC-10					1V
2290	183 12:00:00	31				VGR-31 OWLT IS 13H 41M 52S					1L
2291	183 16:49:48	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2292	183 16:56:58	31	40 SET			10.2 DEGREE SET DSC-40					1V
2293	183 19:16:07	31			AC7SSB	(4 +142) SS BIAS CONTROL --- YAW	AACS		05579:16:003F	06-183/05:34:12	1ECa
2294	183 21:35:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0556 (D/L ONLY)					1DP
2295	183 21:35:00	31				CFG CODES					1DP
2296	184 00:00:00	31				VGR-31 OWLT IS 13H 41M 56S					1L
2297	184 00:22:40	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2298	184 02:00:00	31	26 AOS	OPCH ACE		AOS DSS-26 PASS-0557 (D/L ONLY)					1DP
2299	184 02:00:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2334	185 14:24:18	31				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:4 TIC:2344	DTR		05633:10:735F	06-185/00:42:08	1ESd
2335	185 14:24:22	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	05633:11:001F	06-185/00:42:11	1ESf
2336	185 14:24:22	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		05633:11:002F	06-185/00:42:11	1ECs
2337	185 14:24:23	31				B- DRCRUS			05633:11:018F	06-185/00:42:12	1TB
2338	185 14:24:23	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		05633:11:026F	06-185/00:42:13	1ECf
2339	185 14:25:10	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	05633:12:001F	06-185/00:42:59	1ESf
2340	185 14:25:10	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		05633:12:002F	06-185/00:42:59	1ECs
2341	185 14:25:10	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		05633:12:002F	06-185/00:43:00	1ECd
2342	185 14:25:10	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:2051	DTR		05633:12:002F	06-185/00:43:00	1ESd

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2343	185 14:25:58	31			SC32AJ	(13) PLS CONFIG CMD	FDS		05633:13:009F	06-185/00:43:48	1ECf
2344	185 14:25:59	31				END PWSREC.31			05633:13:018F	06-185/00:43:48	1T
2345	185 16:41:53	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2346	185 16:49:03	31	40 SET			10.2 DEGREE SET DSC-40					1V
2347	186 00:00:00	31				VGR-31 OWLT IS 13H 42M 13S					1L
2348	186 00:14:45	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2349	186 01:15:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0558 (D/L ONLY)					1DP
2350	186 01:15:00	31				CFG CODES					1DP
2351	186 02:55:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0558					1DP
2352	186 03:00:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0559 (U/L PASS)					1DP
2353	186 03:49:26	31	60 SET			15.5 DEGREE SET DSC-60					1V
2354	186 07:44:04	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2355	186 09:10:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0559 (D/L ONLY)					1DP
2356	186 09:10:00	31				CFG CODES					1DP
2357	186 09:30:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0559					1DP
2358	186 10:55:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0559					1DP
2359	186 10:57:17	31			AC7SSB	(3 +004) SS BIAS CONTROL - PITCH	AACS		05658:52:003F	06-185/21:15:00	1ECa
2360	186 11:35:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-0559 (D/L ONLY)					1DP
2361	186 11:35:00	31				CFG CODES					1DP
2362	186 11:43:27	31	10 SET			10.2 DEGREE SET DSC-10					1V
2363	186 12:00:00	31				VGR-31 OWLT IS 13H 42M 17S					1L
2364	186 15:30:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-0559					1DP

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2365	186 16:37:55	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2366	186 16:45:05	31	40 SET			10.2 DEGREE SET DSC-40					1V
2367	186 23:00:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0559 (D/L ONLY)					1DP
2368	186 23:00:00	31				CFG CODES					1DP
2369	187 00:00:00	31				VGR-31 OWLT IS 13H 42M 21S					1L
2370	187 00:10:47	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2371	187 02:50:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0559					1DP
2372	187 03:45:29	31	60 SET			15.5 DEGREE SET DSC-60					1V
2373	187 05:15:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0560 (D/L ONLY)					1DP
2374	187 05:15:00	31				CFG CODES					1DP
2375	187 07:40:05	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2376	187 08:50:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-0560 (D/L ONLY)					1DP
2377	187 08:50:00	31				CFG CODES					1DP
2378	187 10:35:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0560					1DP
2379	187 11:39:28	31	10 SET			10.2 DEGREE SET DSC-10					1V
2380	187 12:00:00	31				VGR-31 OWLT IS 13H 42M 25S					1L
2381	187 15:30:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-0560					1DP
2382	187 16:33:58	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2383	187 16:41:08	31	40 SET			10.2 DEGREE SET DSC-40					1V
2384	187 21:35:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0560 (D/L ONLY)					1DP
2385	187 21:35:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2386	188 00:00:00	31				VGR-31 OWLT IS 13H 42M 30S					1L
2387	188 00:06:50	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2388	188 01:30:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0560					1DP
2389	188 02:45:00	31	25 AOS	OPCH ACE		AOS DSS-25 PASS-0561 (D/L ONLY)					1DP
2390	188 02:45:00	31				CFG CODES					1DP
2391	188 03:41:33	31	60 SET			15.5 DEGREE SET DSC-60					1V
2392	188 07:36:07	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2393	188 09:30:00	31	25 LOS	OPCH ACE		LOS DSS-25 PASS-0561					1DP
2394	188 09:50:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-0561 (D/L ONLY)					1DP
2395	188 09:50:00	31				CFG CODES					1DP
2396	188 11:35:30	31	10 SET			10.2 DEGREE SET DSC-10					1V
2397	188 12:00:00	31				VGR-31 OWLT IS 13H 42M 34S					1L
2398	188 15:20:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-0561					1DP
2399	188 16:30:00	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2400	188 16:37:10	31	40 SET			10.2 DEGREE SET DSC-40					1V
2401	188 17:22:24	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		05726:53:002F	06-188/03:39:48	1ECd
2402	188 17:22:24	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2045	DTR		05726:53:002F	06-188/03:39:48	1ESd
2403	188 17:49:35	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		05727:26:781F	06-188/04:06:58	1ECd

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2417	188 20:24:45	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		05730:40:735F	06-188/06:42:08	1ECd
2418	188 20:24:45	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:1457	DTR		05730:40:735F	06-188/06:42:08	1ESd
2419	188 20:24:46	31				BEGIN RECORDING PWS DATA			05730:40:751F	06-188/06:42:08	1T
2420	188 20:24:49	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	05730:41:001F	06-188/06:42:11	1ESf
2421	188 20:24:49	31			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		05730:41:002F	06-188/06:42:11	1ECs
2422	188 20:24:50	31			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		05730:41:026F	06-188/06:42:13	1ECf
2423	188 20:24:51	31				B- DRCRUS			05730:41:034F	06-188/06:42:13	1TB
2424	188 20:25:37	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	05730:42:001F	06-188/06:42:59	1ESF
2425	188 20:25:37	31			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		05730:42:002F	06-188/06:43:00	1ECs
2426	188 20:25:37	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		05730:42:002F	06-188/06:43:00	1ECd

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2427	188 20:25:37	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:1750	DTR		05730:42:002F	06-188/06:43:00	1ESd
2428	188 20:26:25	31			SC32AJ	(13) PLS CONFIG CMD	FDS		05730:43:009F	06-188/06:43:48	1ECf
2429	188 20:26:27	31				END PWSREC.31			05730:43:034F	06-188/06:43:49	1T
2430	188 22:32:02	31			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		05733:20:002F	06-188/08:49:24	1ECd
2431	188 22:32:02	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:1756	DTR		05733:20:002F	06-188/08:49:24	1ESd
2432	188 22:45:22	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		05733:36:537F	06-188/09:02:44	1ECd
2433	188 22:45:22	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2045	DTR		05733:36:537F	06-188/09:02:44	1ESd
2434	188 23:00:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0561 (D/L ONLY)					1DP
2435	188 23:00:00	31				CFG CODES					1DP
2436	189 00:00:00	31				VGR-31 OWLT IS 13H 42M 38S					1L
2437	189 00:02:52	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2438	189 01:32:03	31			CC16C	(7024) DTR STATE SELECT: READY	DTR		05737:05:002F	06-188/11:49:24	1ECd
2439	189 01:32:03	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:2045	DTR		05737:05:002F	06-188/11:49:24	1ESd
2440	189 02:45:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0561					1DP
2441	189 02:45:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0562 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2442	189 02:45:00	31				CFG CODES					1DP
2443	189 03:37:36	31	60	SET		15.5 DEGREE SET DSC-60					1V
2444	189 07:32:09	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
2445	189 11:31:32	31	10	SET		10.2 DEGREE SET DSC-10					1V
2446	189 11:45:00	31	14	LOS	OPCH ACE	LOS DSS-14 PASS-0562					1DP
2447	189 12:00:00	31				VGR-31 OWLT IS 13H 42M 43S					1L
2448	189 16:26:03	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
2449	189 16:33:13	31	40	SET		10.2 DEGREE SET DSC-40					1V
2450	189 19:00:00	31	65	AOS	OPCH ACE	AOS DSS-65 PASS-0562 (D/L ONLY)					1DP
2451	189 19:00:00	31				CFG CODES					1DP
2452	189 23:58:55	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
2453	190 00:00:00	31				VGR-31 OWLT IS 13H 42M 47S					1L
2454	190 02:30:00	31	14	AOS	OPCH ACE	AOS DSS-14 PASS-0563 (D/L ONLY)					1DP
2455	190 02:30:00	31				CFG CODES					1DP
2456	190 02:35:00	31	65	LOS	OPCH ACE	LOS DSS-65 PASS-0562					1DP
2457	190 03:33:39	31	60	SET		15.5 DEGREE SET DSC-60					1V
2458	190 04:40:00	31	14	LOS	OPCH ACE	LOS DSS-14 PASS-0563					1DP
2459	190 05:05:00	31	15	AOS	OPCH ACE	AOS DSS-15 PASS-0563 (D/L ONLY)					1DP
2460	190 05:05:00	31				CFG CODES					1DP
2461	190 07:28:11	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
2462	190 09:10:00	31	15	LOS	OPCH ACE	LOS DSS-15 PASS-0563					1DP

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2463	190 09:45:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-0563 (D/L ONLY)					1DP
2464	190 09:45:00	31				CFG CODES					1DP
2465	190 11:27:34	31	10 SET			10.2 DEGREE SET DSC-10					1V
2466	190 12:00:00	31				VGR-31 OWLT IS 13H 42M 51S					1L
2467	190 15:15:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-0563					1DP
2468	190 16:22:06	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2469	190 16:29:16	31	40 SET			10.2 DEGREE SET DSC-40					1V
2470	190 22:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0563 (D/L ONLY)					1DP
2471	190 22:45:00	31				CFG CODES					1DP
2472	190 23:54:57	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2473	191 00:00:00	31				VGR-31 OWLT IS 13H 42M 56S					1L
2474	191 02:30:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0564 (D/L ONLY)					1DP
2475	191 02:30:00	31				CFG CODES					1DP
2476	191 02:35:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0563					1DP
2477	191 03:29:40	31	60 SET			15.5 DEGREE SET DSC-60					1V
2478	191 07:24:13	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2479	191 09:10:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0564 (D/L ONLY)					1DP
2480	191 09:10:00	31				CFG CODES					1DP
2481	191 09:30:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0564					1DP
2482	191 10:35:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0564					1DP
2483	191 11:23:36	31	10 SET			10.2 DEGREE SET DSC-10					1V

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2515	192 14:01:22	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		05842:41:002F	06-192/00:18:11	1ECs
2516	192 14:01:23	31				B- DRCRUS			05842:41:018F	06-192/00:18:12	1TB
2517	192 14:01:23	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		05842:41:026F	06-192/00:18:13	1ECF
2518	192 14:02:10	31		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	05842:42:001F	06-192/00:18:59	1ESF
2519	192 14:02:10	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		05842:42:002F	06-192/00:18:59	1ECs
2520	192 14:02:10	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		05842:42:002F	06-192/00:19:00	1ECd
2521	192 14:02:10	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:1752	DTR		05842:42:002F	06-192/00:19:00	1ESd
2522	192 14:02:58	31			SC32AJ	(13) PLS CONFIG CMD	FDS		05842:43:009F	06-192/00:19:48	1ECf
2523	192 14:02:59	31				END PWSREC.31			05842:43:018F	06-192/00:19:48	1T
2524	192 15:05:00	31	45 LOS	OPCH	ACE	LOS DSS-45 PASS-0565					1DP
2525	192 16:14:11	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2526	192 16:21:21	31	40 SET			10.2 DEGREE SET DSC-40					1V
2527	192 22:50:00	31	65 AOS	OPCH	ACE	AOS DSS-65 PASS-0565 (D/L ONLY)					1DP
2528	192 22:50:00	31				CFG CODES					1DP

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2529	192 23:47:02	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2530	193 00:00:00	31				VGR-31 OWLT IS 13H 43M 14S					1L
2531	193 02:30:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0565					1DP
2532	193 02:45:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0566 (U/L PASS)					1DP
2533	193 03:21:47	31	60 SET			15.5 DEGREE SET DSC-60					1V
2534	193 07:16:16	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2535	193 09:30:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0566					1DP
2536	193 11:15:40	31	10 SET			10.2 DEGREE SET DSC-10					1V
2537	193 11:35:00	31	45 AOS	OPCH ACE		AOS DSS-45 PASS-0566 (D/L ONLY)					1DP
2538	193 11:35:00	31				CFG CODES					1DP
2539	193 12:00:00	31				VGR-31 OWLT IS 13H 43M 18S					1L
2540	193 15:00:00	31	45 LOS	OPCH ACE		LOS DSS-45 PASS-0566					1DP
2541	193 16:10:14	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2542	193 16:17:24	31	40 SET			10.2 DEGREE SET DSC-40					1V
2543	193 19:00:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0566 (D/L ONLY)					1DP
2544	193 19:00:00	31				CFG CODES					1DP
2545	193 23:43:05	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2546	194 00:00:00	31				VGR-31 OWLT IS 13H 43M 23S					1L
2547	194 01:20:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0567 (D/L ONLY)					1DP
2548	194 01:20:00	31				CFG CODES					1DP
2549	194 01:35:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0566					1DP
2550	194 03:17:50	31	60 SET			15.5 DEGREE SET DSC-60					1V

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2551	194 07:12:18	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2552	194 08:00:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0567 (D/L ONLY)					1DP
2553	194 08:00:00	31				CFG CODES					1DP
2554	194 08:15:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0567					1DP
2555	194 10:30:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0567					1DP
2556	194 11:11:41	31	10 SET			10.2 DEGREE SET DSC-10					1V
2557	194 12:00:00	31				VGR-31 OWLT IS 13H 43M 27S					1L
2558	194 16:06:17	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2559	194 16:13:27	31	40 SET			10.2 DEGREE SET DSC-40					1V
2560	194 20:50:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0567 (D/L ONLY)					1DP
2561	194 20:50:00	31				CFG CODES					1DP
2562	194 23:39:08	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2563	195 00:00:00	31				VGR-31 OWLT IS 13H 43M 32S					1L
2564	195 01:30:00	31	15 AOS	OPCH ACE		AOS DSS-15 PASS-0568 (D/L ONLY)					1DP
2565	195 01:30:00	31				CFG CODES					1DP
2566	195 02:05:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0567					1DP
2567	195 03:13:53	31	60 SET			15.5 DEGREE SET DSC-60					1V
2568	195 07:08:20	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2569	195 09:55:00	31	15 LOS	OPCH ACE		LOS DSS-15 PASS-0568					1DP
2570	195 11:07:43	31	10 SET			10.2 DEGREE SET DSC-10					1V
2571	195 12:00:00	31				VGR-31 OWLT IS 13H 43M 36S					1L
2572	195 16:02:20	31	60RISE			10.2 DEGREE RISE DSC-60					1V

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2586	195 20:00:17	31				B- PWSREC.31			05940:09:018F	06-195/06:16:36	1TB
2587	195 20:00:17	31				BEGIN PWSREC.31			05940:09:018F	06-195/06:16:36	1T
2588	195 20:01:04	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		05940:10:009F	06-195/06:17:24	1ECf
2589	195 20:01:05	31				B- DRGS4B			05940:10:018F	06-195/06:17:24	1TB
2590	195 20:01:48	31			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		05940:10:735F	06-195/06:18:08	1ECd
2591	195 20:01:48	31				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:7 TIC:1756	DTR		05940:10:735F	06-195/06:18:08	1ESd
2592	195 20:01:49	31				BEGIN RECORDING PWS DATA			05940:10:751F	06-195/06:18:08	1T
2593	195 20:01:52	31		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	05940:11:001F	06-195/06:18:11	1ESf
2594	195 20:01:52	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		05940:11:002F	06-195/06:18:11	1ECs
2595	195 20:01:53	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		05940:11:026F	06-195/06:18:13	1ECf
2596	195 20:01:54	31				B- DRCRUS			05940:11:034F	06-195/06:18:13	1TB

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2597	195 20:02:40	31		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PA/FDS11	FDS	CR-5T	05940:12:001F	06-195/06:18:59	1ESf
2598	195 20:02:40	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		05940:12:002F	06-195/06:19:00	1ECs
2599	195 20:02:40	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		05940:12:002F	06-195/06:19:00	1ECd
2600	195 20:02:40	31				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:7 TIC:2048	DTR		05940:12:002F	06-195/06:19:00	1ESd
2601	195 20:03:28	31			SC32AJ	(13) PLS CONFIG CMD END PWSREC.31	FDS		05940:13:009F	06-195/06:19:48	1ECf
2602	195 20:03:30	31							05940:13:034F	06-195/06:19:49	1T
2603	195 22:09:04	31			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		05942:50:002F	06-195/08:25:24	1ECd
2604	195 22:09:04	31				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:2055	DTR		05942:50:002F	06-195/08:25:24	1ESd
2605	195 22:23:20	31			CC16C	(7000) DTR STATE SELECT: READY	DTR		05943:07:675F	06-195/08:39:40	1ECd
2606	195 22:23:20	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1746	DTR		05943:07:675F	06-195/08:39:40	1ESd
2607	195 22:45:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0568 (D/L ONLY)					1DP
2608	195 22:45:00	31				CFG CODES					1DP
2609	195 23:35:11	31	10RISE			10.2 DEGREE RISE DSC-10					1V

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2610	196 00:00:00	31				VGR-31 OWLT IS 13H 43M 41S					1L
2611	196 01:09:06	31			CC16C	(7024) DTR STATE SELECT: READY	DTR		05946:35:002F	06-195/11:25:24	1ECd
2612	196 01:09:06	31				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:1746	DTR		05946:35:002F	06-195/11:25:24	1ESd
2613	196 02:15:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0569 (D/L ONLY)					1DP
2614	196 02:15:00	31				CFG CODES					1DP
2615	196 02:20:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0568					1DP
2616	196 03:09:57	31	60 SET			15.5 DEGREE SET DSC-60					1V
2617	196 07:04:21	31	40RISE			10.2 DEGREE RISE DSC-40					1V
2618	196 10:15:00	31	14 LOS	OPCH ACE		LOS DSS-14 PASS-0569					1DP
2619	196 11:03:45	31	10 SET			10.2 DEGREE SET DSC-10					1V
2620	196 12:00:00	31				VGR-31 OWLT IS 13H 43M 46S					1L
2621	196 15:58:22	31	60RISE			10.2 DEGREE RISE DSC-60					1V
2622	196 16:05:32	31	40 SET			10.2 DEGREE SET DSC-40					1V
2623	196 18:42:48	31			AC7SSB	(3 +006) SS BIAS CONTROL - PITCH	AACS		05968:32:003F	06-196/04:59:00	1ECa
2624	196 21:20:00	31	65 AOS	OPCH ACE		AOS DSS-65 PASS-0569 (D/L ONLY)					1DP
2625	196 21:20:00	31				CFG CODES					1DP
2626	196 23:31:13	31	10RISE			10.2 DEGREE RISE DSC-10					1V
2627	197 00:00:00	31				VGR-31 OWLT IS 13H 43M 50S					1L
2628	197 02:15:00	31	65 LOS	OPCH ACE		LOS DSS-65 PASS-0569					1DP
2629	197 03:00:00	31	14 AOS	OPCH ACE		AOS DSS-14 PASS-0570 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2630	197 03:00:00	31				CFG CODES					1DP
2631	197 03:06:00	31	60	SET		15.5 DEGREE SET DSC-60					1V
2632	197 07:00:23	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
2633	197 10:59:47	31	10	SET		10.2 DEGREE SET DSC-10					1V
2634	197 11:15:00	31	14	LOS	OPCH ACE	LOS DSS-14 PASS-0570					1DP
2635	197 12:00:00	31				VGR-31 OWLT IS 13H 43M 55S					1L
2636	197 15:54:25	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
2637	197 16:01:35	31	40	SET		10.2 DEGREE SET DSC-40					1V
2638	197 22:45:00	31	65	AOS	OPCH ACE	AOS DSS-65 PASS-0570 (D/L ONLY)					1DP
2639	197 22:45:00	31				CFG CODES					1DP
2640	197 23:27:16	31	10	RISE		10.2 DEGREE RISE DSC-10					1V
2641	198 00:00:00	31				VGR-31 OWLT IS 13H 44M 00S					1L
2642	198 02:10:00	31	65	LOS	OPCH ACE	LOS DSS-65 PASS-0570					1DP
2643	198 02:30:00	31	14	AOS	OPCH ACE	AOS DSS-14 PASS-0571 (U/L PASS)					1DP
2644	198 03:02:03	31	60	SET		15.5 DEGREE SET DSC-60					1V
2645	198 06:56:25	31	40	RISE		10.2 DEGREE RISE DSC-40					1V
2646	198 10:55:49	31	10	SET		10.2 DEGREE SET DSC-10					1V
2647	198 12:00:00	31				VGR-31 OWLT IS 13H 44M 05S					1L
2648	198 14:45:00	31	14	LOS	OPCH ACE	LOS DSS-14 PASS-0571					1DP
2649	198 15:50:28	31	60	RISE		10.2 DEGREE RISE DSC-60					1V
2650	198 15:57:38	31	40	SET		10.2 DEGREE SET DSC-40					1V
2651	198 18:45:00	31	65	AOS	OPCH ACE	AOS DSS-65 PASS-0571 (D/L ONLY)					1DP

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2652	198 18:45:00	31				CFG CODES					1DP
2653	198 22:23:57	31				A060 UPLINK			06033:08:001F	06-198/08:39:47	1T
2654	198 22:53:32	31				FINAL SPACECRAFT STATUS			06033:44:785F	06-198/09:09:23	1TI
2655	198 22:53:32	31				RADIO STATUS			06033:44:785F	06-198/09:09:23	1TI
2656	198 22:53:32	31			DC2AR	S-BAND RANGING OFF			06033:44:785F	06-198/09:09:23	1TI
2657	198 22:53:32	31			DC2DR	S-BAND LO PWR			06033:44:785F	06-198/09:09:23	1TI
2658	198 22:53:32	31			DC2HR	X-BAND LO PWR			06033:44:785F	06-198/09:09:23	1TI
2659	198 22:53:32	31			DC2N	X-BAND RANGING ON			06033:44:785F	06-198/09:09:23	1TI
2660	198 22:53:32	31			DC2P	2 WAY NON-COHERENT ON			06033:44:785F	06-198/09:09:23	1TI
2661	198 22:53:32	31			DC2QR	USO OFF			06033:44:785F	06-198/09:09:23	1TI
2662	198 22:53:32	31			CC2BRP	S-BAND EXC-2 SEL			06033:44:785F	06-198/09:09:23	1TI
2663	198 22:53:32	31			CC2CRP	S-BAND TRANS-2 SEL			06033:44:785F	06-198/09:09:23	1TI
2664	198 22:53:32	31			CC2FP	RCVR-1 SEL			06033:44:785F	06-198/09:09:23	1TI
2665	198 22:53:32	31			CC2JP	X-BAND EXC-1 SEL			06033:44:785F	06-198/09:09:23	1TI
2666	198 22:53:32	31			CC2GP	X-BAND ON			06033:44:785F	06-198/09:09:23	1TI
2667	198 22:53:32	31			CC2KRP	S-BAND OFF			06033:44:785F	06-198/09:09:23	1TI
2668	198 22:53:32	31			CC2LP	X-BAND TWTA-1 SEL			06033:44:785F	06-198/09:09:23	1TI
2669	198 22:53:32	31			CC2MP	S-BAND EXC ON			06033:44:785F	06-198/09:09:23	1TI
2670	198 22:53:32	31			DC2E	HGA SELECT			06033:44:785F	06-198/09:09:23	1TI
2671	198 22:53:32	31			CC1T	BAY 1 HTR ON			06033:44:785F	06-198/09:09:23	1TI
2672	198 22:53:32	31				MDS STATUS			06033:44:785F	06-198/09:09:23	1TI
2673	198 22:53:32	31			CC3BP	TMU ON			06033:44:785F	06-198/09:09:23	1TI
2674	198 22:53:32	31			CC3GP	TMU-A SEL			06033:44:785F	06-198/09:09:23	1TI

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2675	198 22:53:32	31			CC3HP	CDU-A SEL			06033:44:785F	06-198/09:09:23	1TI
2676	198 22:53:32	31			CC3A	32310 X-BAND			06033:44:785F	06-198/09:09:23	1TI
2677	198 22:53:32	31			CC3A	28301 S-BAND			06033:44:785F	06-198/09:09:23	1TI
2678	198 22:53:32	31				POWER STATUS			06033:44:785F	06-198/09:09:23	1TI
2679	198 22:53:32	31			CC4A	UNDERVOLTAGE TRIP RESET			06033:44:785F	06-198/09:09:23	1TI
2680	198 22:53:32	31			CC4K	RTG-1 DIODE BYPASS ON			06033:44:785F	06-198/09:09:23	1TI
2681	198 22:53:32	31			CC4L	RTG-2 DIODE BYPASS ON			06033:44:785F	06-198/09:09:23	1TI
2682	198 22:53:32	31			CC4M	RTG-3 DIODE BYPASS ON			06033:44:785F	06-198/09:09:23	1TI
2683	198 22:53:32	31				CCS STATUS			06033:44:785F	06-198/09:09:23	1TI
2684	198 22:53:32	31			DC5AR	CCS TOL DET ENABLE			06033:44:785F	06-198/09:09:23	1TI
2685	198 22:53:32	31				FDS STATUS			06033:44:785F	06-198/09:09:23	1TI
2686	198 22:53:32	31			CC6CP	FDS ON/ISS PWR ENABLE			06033:44:785F	06-198/09:09:23	1TI
2687	198 22:53:32	31			CC6AA	1 SVC-W1			06033:44:785F	06-198/09:09:23	1TI
2688	198 22:53:32	31			CC6AD	3200 SVC-W4			06033:44:785F	06-198/09:09:23	1TI
2689	198 22:53:32	31			CC6AE	30011 SVC-W5			06033:44:785F	06-198/09:09:23	1TI
2690	198 22:53:32	31			CC6AP	FDS PWR CONV A SEL			06033:44:785F	06-198/09:09:23	1TI
2691	198 22:53:32	31			CC6AB	01000 SVC-W2			06033:44:785F	06-198/09:09:23	1TI
2692	198 22:53:32	31			SC06BB	530070 FDS DATA MODE			06033:44:785F	06-198/09:09:23	1TI
2693	198 22:53:32	31				AACS STATUS			06033:44:785F	06-198/09:09:23	1TI
2694	198 22:53:32	31			AC7PCG	14 HYBIC 2 PWR ON			06033:44:785F	06-198/09:09:23	1TI
2695	198 22:53:32	31			CC7ML	05 CST ON			06033:44:785F	06-198/09:09:23	1TI
2696	198 22:53:32	31			AC7CTG	10 394 CST HI GATE			06033:44:785F	06-198/09:09:23	1TI
2697	198 22:53:32	31			AC7CTG	11 442 CST LO GATE			06033:44:785F	06-198/09:09:23	1TI

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2698	198 22:53:32	31			AC7GYP	111 GYRO PATTERN			06033:44:785F	06-198/09:09:23	1TI
2699	198 22:53:32	31			AC7PCG	52 GYRO A OFF			06033:44:785F	06-198/09:09:23	1TI
2700	198 22:53:32	31			AC7PCG	62 GYRO B OFF			06033:44:785F	06-198/09:09:23	1TI
2701	198 22:53:32	31			AC7PCG	72 GYRO C OFF			06033:44:785F	06-198/09:09:23	1TI
2702	198 22:53:32	31			AC7PAR	7530 000000 GYRO OFF NORM			06033:44:785F	06-198/09:09:23	1TI
2703	198 22:53:32	31			AC7PAR	6740 000740 PITCH DEADBAND			06033:44:785F	06-198/09:09:23	1TI
2704	198 22:53:32	31			AC7PAR	6741 001700 YAW DEADBAND			06033:44:785F	06-198/09:09:23	1TI
2705	198 22:53:32	31			AC7PAR	6742 004540 ROLL DEADBAND			06033:44:785F	06-198/09:09:23	1TI
2706	198 22:53:32	31			DEADBAND	DEAD BAND STATE: 05 10 25			06033:44:785F	06-198/09:09:23	1TI
2707	198 22:53:32	31			CC7SS	1 AACS TO RAI			06033:44:785F	06-198/09:09:23	1TI
2708	198 22:53:32	31			CC7CT	01 CST CONE ANGLE 1			06033:44:785F	06-198/09:09:23	1TI
2709	198 22:53:32	31			AC7DDB	000480 DEAD BAND CONTROL			06033:44:785F	06-198/09:09:23	1TI
2710	198 22:53:32	31			CC7AHRP	SS HTR A OFF			06033:44:785F	06-198/09:09:23	1TI
2711	198 22:53:32	31			CC7BHP	SS HTR B ON			06033:44:785F	06-198/09:09:23	1TI
2712	198 22:53:32	31			CC7ML	01 FDS CHAN A			06033:44:785F	06-198/09:09:23	1TI
2713	198 22:53:32	31			CC7ML	09 TCAPU FAULT ENA			06033:44:785F	06-198/09:09:23	1TI
2714	198 22:53:32	31			AC7PCG	61 AACS BAY 6 HTR A OFF			06033:44:785F	06-198/09:09:23	1TI
2715	198 22:53:32	31			AC7PCG	71 AACS BAY 6 HTR B OFF			06033:44:785F	06-198/09:09:23	1TI
2716	198 22:53:32	31			CC7MMRP	PROC/MEM 2 SELECT			06033:44:785F	06-198/09:09:23	1TI
2717	198 22:53:32	31			CC7SHRP	AZ SCAN ACTUATOR HTR OFF			06033:44:785F	06-198/09:09:23	1TI
2718	198 22:53:32	31			AC7PCG	22 CST SUN SHUTTER OFF			06033:44:785F	06-198/09:09:23	1TI
2719	198 22:53:32	31			AC7PCG	10 ISO VALVE BRANCH 1 OFF			06033:44:785F	06-198/09:09:23	1TI
2720	198 22:53:32	31			AC7PCG	20 ISO VALVE BRANCH 2 OFF			06033:44:785F	06-198/09:09:23	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
2721	198 22:53:32	31			CC1PHP	SCAN PLAT SUPL HTR ON			06033:44:785F	06-198/09:09:23	1TI
2722	198 22:53:32	31			CC77MRP	MAM OFF			06033:44:785F	06-198/09:09:23	1TI
2723	198 22:53:32	31			DC77PR	NON-PRIME FCP/MEM OFF			06033:44:785F	06-198/09:09:23	1TI
2724	198 22:53:32	31			DC77XR	MAM COMMAND DISABLE			06033:44:785F	06-198/09:09:23	1TI
2725	198 22:53:32	31				PYRO STATUS			06033:44:785F	06-198/09:09:23	1TI
2726	198 22:53:32	31			CC8D	PSU INSTRUMENTATION ON			06033:44:785F	06-198/09:09:23	1TI
2727	198 22:53:32	31			DC8XR	PYRO DISABLE			06033:44:785F	06-198/09:09:23	1TI
2728	198 22:53:32	31				PROPULSION STATUS			06033:44:785F	06-198/09:09:23	1TI
2729	198 22:53:32	31			CC10CRP	TCM HTR OFF			06033:44:785F	06-198/09:09:23	1TI
2730	198 22:53:32	31			CC10DR	AP BR1 HTR OFF			06033:44:785F	06-198/09:09:23	1TI
2731	198 22:53:32	31			CC10ER	AP BR2 HTR OFF			06033:44:785F	06-198/09:09:23	1TI
2732	198 22:53:32	31			CC10TRP	TCM LINE HTRS OFF			06033:44:785F	06-198/09:09:23	1TI
2733	198 22:53:32	31				DSS STATUS			06033:44:785F	06-198/09:09:23	1TI
2734	198 22:53:32	31			CC16BR	DSS 10 W REPL HTR OFF			06033:44:785F	06-198/09:09:23	1TI
2735	198 22:53:32	31			CC16AP	DSS ON			06033:44:785F	06-198/09:09:23	1TI
2736	198 22:53:32	31			CC1DR	BAY 2 19 W HTR OFF			06033:44:785F	06-198/09:09:23	1TI
2737	198 22:53:32	31			CC16C	7224 DSS CONTROL			06033:44:785F	06-198/09:09:23	1TI
2738	198 22:53:32	31				SCIENCE PWR STATUS			06033:44:785F	06-198/09:09:23	1TI
2739	198 22:53:32	31			CC1CR	MAG COIL OFF			06033:44:785F	06-198/09:09:23	1TI
2740	198 22:53:32	31			CC21A	CRS ON			06033:44:785F	06-198/09:09:23	1TI
2741	198 22:53:32	31			CC21B	CRS REPL HTR ON			06033:44:785F	06-198/09:09:23	1TI
2742	198 22:53:32	31			CC21CR	CRS SUPP HTR OFF			06033:44:785F	06-198/09:09:23	1TI
2743	198 22:53:32	31			CC22A	PRA ON			06033:44:785F	06-198/09:09:23	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
2744	198 22:53:32	31			CC23A	PWS ON			06033:44:785F	06-198/09:09:23	1TI
2745	198 22:53:32	31			CC25A	LECP ON			06033:44:785F	06-198/09:09:23	1TI
2746	198 22:53:32	31			CC25B	LECP STEPPER MOTOR ON			06033:44:785F	06-198/09:09:23	1TI
2747	198 22:53:32	31			CC25CR	LECP REPL HTR OFF			06033:44:785F	06-198/09:09:23	1TI
2748	198 22:53:32	31			CC25D	LECP MAIN SUPP HTR ON			06033:44:785F	06-198/09:09:23	1TI
2749	198 22:53:32	31			CC25E	LECP LEPT SUPP HTR ON			06033:44:785F	06-198/09:09:23	1TI
2750	198 22:53:32	31			CC27BR	PPS SUPP HTR OFF			06033:44:785F	06-198/09:09:23	1TI
2751	198 22:53:32	31			CC32A	PLS ON			06033:44:785F	06-198/09:09:23	1TI
2752	198 22:53:32	31			CC32BR	PLS SUPP HTR OFF			06033:44:785F	06-198/09:09:23	1TI
2753	198 22:53:32	31			CC32C	PLS REPL HTR ON			06033:44:785F	06-198/09:09:23	1TI
2754	198 22:53:32	31			CC34A	UVS ON			06033:44:785F	06-198/09:09:23	1TI
2755	198 22:53:32	31			CC34B	UVS REPL HTR ON			06033:44:785F	06-198/09:09:23	1TI
2756	198 22:53:32	31			CC35AR	MAG OFF			06033:44:785F	06-198/09:09:23	1TI
2757	198 22:53:32	31			CC35B	MAG STANDBY ON			06033:44:785F	06-198/09:09:23	1TI
2758	198 22:53:32	31			CC35GR	MAG SENSOR HTR OFF			06033:44:785F	06-198/09:09:23	1TI
2759	198 22:53:32	31			CC36GR	ISS WA VID REPL HTR OFF			06033:44:785F	06-198/09:09:23	1TI
2760	198 22:53:32	31			CC36HR	ISS WA ELEC REPL HTR OFF			06033:44:785F	06-198/09:09:23	1TI
2761	198 22:53:32	31			CC36CRP	ISS NA OPTICS HTR OFF			06033:44:785F	06-198/09:09:23	1TI
2762	198 22:53:32	31			CC36FRP	ISS NA VID REPL HTR OFF			06033:44:785F	06-198/09:09:23	1TI
2763	198 22:53:32	31			CC36JP	ISS NA ELEC REPL HTR ON			06033:44:785F	06-198/09:09:23	1TI
2764	198 22:53:32	31			CC39D	IRIS REPL HTR ON			06033:44:785F	06-198/09:09:23	1TI
2765	198 22:53:32	31			CC39FR	IRIS STANDBY A SUPPLY OFF			06033:44:785F	06-198/09:09:23	1TI
2766	198 22:53:32	31			CC39BR	IRIS STANDBY B SUPPLY OFF			06033:44:785F	06-198/09:09:23	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
2767	198 22:53:32	31				SCIENCE INSTRUMENT STATUS			06033:44:785F	06-198/09:09:23	1TI
2768	198 22:53:32	31			SC21AF	01000 CRS CMD WORD			06033:44:785F	06-198/09:09:23	1TI
2769	198 22:53:32	31			SC21AF	02000 CRS CMD WORD			06033:44:785F	06-198/09:09:23	1TI
2770	198 22:53:32	31			SC21AF	03000 CRS CMD WORD			06033:44:785F	06-198/09:09:23	1TI
2771	198 22:53:32	31			SC21AF	04000 CRS CMD WORD			06033:44:785F	06-198/09:09:23	1TI
2772	198 22:53:32	31			SC21AF	05300 CRS CMD WORD			06033:44:785F	06-198/09:09:23	1TI
2773	198 22:53:32	31			SC21AF	06000 CRS CMD WORD			06033:44:785F	06-198/09:09:23	1TI
2774	198 22:53:32	31			SC21AF	07200 CRS CMD WORD			06033:44:785F	06-198/09:09:23	1TI
2775	198 22:53:32	31			SC21AF	08200 CRS CMD WORD			06033:44:785F	06-198/09:09:23	1TI
2776	198 22:53:32	31			SC21AF	10000 CRS CMD WORD			06033:44:785F	06-198/09:09:23	1TI
2777	198 22:53:32	31			SC21AF	11000 CRS CMD WORD			06033:44:785F	06-198/09:09:23	1TI
2778	198 22:53:32	31			SC21AF	12000 CRS CMD WORD			06033:44:785F	06-198/09:09:23	1TI
2779	198 22:53:32	31			SC21AF	13012 CRS CMD WORD			06033:44:785F	06-198/09:09:23	1TI
2780	198 22:53:32	31			SC21AG	CRS HV FLAG			06033:44:785F	06-198/09:09:23	1TI
2781	198 22:53:32	31			SC21AH	CRS CAL-ST FLAG			06033:44:785F	06-198/09:09:23	1TI
2782	198 22:53:32	31			SC22AF	1347 PRA CONFIGURATION CMD			06033:44:785F	06-198/09:09:23	1TI
2783	198 22:53:32	31			SC22NU	0000 PRA MODE SELECT			06033:44:785F	06-198/09:09:23	1TI
2784	198 22:53:32	31			SC23AD	5 PWS CMD WORD			06033:44:785F	06-198/09:09:23	1TI
2785	198 22:53:32	31			SC25AH	1777 LECP CMD WORD			06033:44:785F	06-198/09:09:23	1TI
2786	198 22:53:32	31			SC25AH	2417 LECP CMD WORD			06033:44:785F	06-198/09:09:23	1TI
2787	198 22:53:32	31			SC25AH	5600 LECP CMD WORD			06033:44:785F	06-198/09:09:23	1TI
2788	198 22:53:32	31			SC25AH	6032 LECP CMD WORD			06033:44:785F	06-198/09:09:23	1TI
2789	198 22:53:32	31			SC25AJ	1 LECP MOTOR STEP CMD			06033:44:785F	06-198/09:09:23	1TI

FINAL SEQUENCE FOR JST A059 (TOL/A059F - EVTSDR/A059AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
2790	198 22:53:32	31			SC25AN	0 LECP NEAR/FAR ENC			06033:44:785F	06-198/09:09:23	1TI
2791	198 22:53:32	31			SC25AQ	5200 LECP SAFE CMD			06033:44:785F	06-198/09:09:23	1TI
2792	198 22:53:32	31			SC32AF	2 PLS E1 INT/AMP GAIN			06033:44:785F	06-198/09:09:23	1TI
2793	198 22:53:32	31			SC32AG	2 PLS E2 INT/AMP GAIN			06033:44:785F	06-198/09:09:23	1TI
2794	198 22:53:32	31			SC32AH	3 PLS M INT/AMP GAIN			06033:44:785F	06-198/09:09:23	1TI
2795	198 22:53:32	31			SC32AJ	13 PLS CONFIG CMD			06033:44:785F	06-198/09:09:23	1TI
2796	198 22:53:32	31			SC32AK	2 PLS L INT/AMP GAIN			06033:44:785F	06-198/09:09:23	1TI
2797	198 22:53:32	31			SC32AL	216 PLS M START WORD 1			06033:44:785F	06-198/09:09:23	1TI
2798	198 22:53:32	31			SC32AM	216 PLS M START WORD 2			06033:44:785F	06-198/09:09:23	1TI
2799	198 22:53:32	31			SC32AN	2 PLS M MODE			06033:44:785F	06-198/09:09:23	1TI
2800	198 22:53:32	31			SC32AP	3 PLS E1 SHRT			06033:44:785F	06-198/09:09:23	1TI
2801	198 22:53:32	31			SC32AQ	3 PLS E2 SHRT			06033:44:785F	06-198/09:09:23	1TI
2802	198 22:53:32	31			SC32AR	3 PLS L SHORT			06033:44:785F	06-198/09:09:23	1TI
2803	198 22:53:32	31			SC32AS	2 PLS E1 LONG			06033:44:785F	06-198/09:09:23	1TI
2804	198 22:53:32	31			SC32AT	2 PLS E2 LONG			06033:44:785F	06-198/09:09:23	1TI
2805	198 22:53:32	31			SC32AU	2 PLS L LONG			06033:44:785F	06-198/09:09:23	1TI
2806	198 22:53:32	31			SC34AE	13 UVS MODE/HV LEVEL			06033:44:785F	06-198/09:09:23	1TI
2807	198 22:53:32	31			SC34AF	0 UVS READ OUT FLAG			06033:44:785F	06-198/09:09:23	1TI
2808	198 22:53:32	31			SC35AI	030001 MAG HFM/EL FLIP/IFC/LFM			06033:44:785F	06-198/09:09:23	1TI
2809	198 22:53:32	31			SC35AO	030001 MAG HFM/PRIME/IFC/LFM RAN			06033:44:785F	06-198/09:09:23	1TI