



FINAL FLIGHT SOE

S/C 32

SEQUENCE ID B138AA DATE OF RELEASE November 7, 2007

EXECUTION PERIOD 11/19/2007 to 02/18/2007 (07-323 to 08-049)

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FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT 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	323 21:22:05	32				INITIAL SPACECRAFT STATUS			14589:29:788F	07-323/09:42:23	2TI
2	323 21:22:05	32				RADIO STATUS			14589:29:788F	07-323/09:42:23	2TI
3	323 21:22:05	32			DC2AR	S-BAND RANGING OFF			14589:29:788F	07-323/09:42:23	2TI
4	323 21:22:05	32			DC2DR	S-BAND LO PWR			14589:29:788F	07-323/09:42:23	2TI
5	323 21:22:05	32			DC2HR	X-BAND LO PWR			14589:29:788F	07-323/09:42:23	2TI
6	323 21:22:05	32			DC2N	X-BAND RANGING ON			14589:29:788F	07-323/09:42:23	2TI
7	323 21:22:05	32			DC2P	2 WAY NON-COHERENT ON			14589:29:788F	07-323/09:42:23	2TI
8	323 21:22:05	32			DC2Q	USO ON			14589:29:788F	07-323/09:42:23	2TI
9	323 21:22:05	32			CC2BRP	S-BAND EXC-2 SEL			14589:29:788F	07-323/09:42:23	2TI
10	323 21:22:05	32			CC2CP	S-BAND TRANS-1 SEL			14589:29:788F	07-323/09:42:23	2TI
11	323 21:22:05	32			CC2FRP	RCVR-2 SEL			14589:29:788F	07-323/09:42:23	2TI
12	323 21:22:05	32			CC2JRP	X-BAND EXC-2 SEL			14589:29:788F	07-323/09:42:23	2TI
13	323 21:22:05	32			CC2GP	X-BAND ON			14589:29:788F	07-323/09:42:23	2TI
14	323 21:22:05	32			CC2KRP	S-BAND OFF			14589:29:788F	07-323/09:42:23	2TI
15	323 21:22:05	32			CC2LP	X-BAND TWTA-1 SEL			14589:29:788F	07-323/09:42:23	2TI
16	323 21:22:05	32			CC2MP	S-BAND EXC ON			14589:29:788F	07-323/09:42:23	2TI
17	323 21:22:05	32			DC2E	HGA SELECT			14589:29:788F	07-323/09:42:23	2TI
18	323 21:22:05	32			CC1T	BAY 1 HTR ON			14589:29:788F	07-323/09:42:23	2TI
19	323 21:22:05	32				MDS STATUS			14589:29:788F	07-323/09:42:23	2TI
20	323 21:22:05	32			CC3BP	TMU ON			14589:29:788F	07-323/09:42:23	2TI
21	323 21:22:05	32			CC3GP	TMU-A SEL			14589:29:788F	07-323/09:42:23	2TI
22	323 21:22:05	32			CC3HRP	CDU-B SEL			14589:29:788F	07-323/09:42:23	2TI
23	323 21:22:05	32			CC3A	32310 X-BAND			14589:29:788F	07-323/09:42:23	2TI

FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT 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	323 21:22:05	32			CC3A	28311 S-BAND			14589:29:788F	07-323/09:42:23	2TI
25	323 21:22:05	32				POWER STATUS			14589:29:788F	07-323/09:42:23	2TI
26	323 21:22:05	32			CC4A	UNDERVOLTAGE TRIP RESET			14589:29:788F	07-323/09:42:23	2TI
27	323 21:22:05	32			CC4K	RTG-1 DIODE BYPASS ON			14589:29:788F	07-323/09:42:23	2TI
28	323 21:22:05	32			CC4L	RTG-2 DIODE BYPASS ON			14589:29:788F	07-323/09:42:23	2TI
29	323 21:22:05	32			CC4M	RTG-3 DIODE BYPASS ON			14589:29:788F	07-323/09:42:23	2TI
30	323 21:22:05	32				CCS STATUS			14589:29:788F	07-323/09:42:23	2TI
31	323 21:22:05	32			DC5AR	CCS TOL DET ENABLE			14589:29:788F	07-323/09:42:23	2TI
32	323 21:22:05	32				FDS STATUS			14589:29:788F	07-323/09:42:23	2TI
33	323 21:22:05	32			CC6CP	FDS ON/ISS PWR ENABLE			14589:29:788F	07-323/09:42:23	2TI
34	323 21:22:05	32			CC6AA	0 SVC-W1			14589:29:788F	07-323/09:42:23	2TI
35	323 21:22:05	32			CC6AD	2210 SVC-W4			14589:29:788F	07-323/09:42:23	2TI
36	323 21:22:05	32			CC6AE	30003 SVC-W5			14589:29:788F	07-323/09:42:23	2TI
37	323 21:22:05	32			CC6AP	FDS PWR CONV A SEL			14589:29:788F	07-323/09:42:23	2TI
38	323 21:22:05	32			CC6AB	01110 SVC-W2			14589:29:788F	07-323/09:42:23	2TI
39	323 21:22:05	32			SC06BB	530070 FDS DATA MODE			14589:29:788F	07-323/09:42:23	2TI
40	323 21:22:05	32				AACS STATUS			14589:29:788F	07-323/09:42:23	2TI
41	323 21:22:05	32			AC7PCG	14 HYBIC 2 PWR ON			14589:29:788F	07-323/09:42:23	2TI
42	323 21:22:05	32			CC7ML	05 CST ON			14589:29:788F	07-323/09:42:23	2TI
43	323 21:22:05	32			AC7CTG	10 376 CST HI GATE			14589:29:788F	07-323/09:42:23	2TI
44	323 21:22:05	32			AC7CTG	11 422 CST LO GATE			14589:29:788F	07-323/09:42:23	2TI
45	323 21:22:05	32			AC7GYP	111 GYRO PATTERN			14589:29:788F	07-323/09:42:23	2TI
46	323 21:22:05	32			AC7PCG	52 GYRO A OFF			14589:29:788F	07-323/09:42:23	2TI

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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	323 21:22:05	32			AC7PCG	62 GYRO B OFF			14589:29:788F	07-323/09:42:23	2TI
48	323 21:22:05	32			AC7PCG	72 GYRO C OFF			14589:29:788F	07-323/09:42:23	2TI
49	323 21:22:05	32			AC7DDB	000480 DEAD BAND CONTROL			14589:29:788F	07-323/09:42:23	2TI
50	323 21:22:05	32			AC7PAR	7530 000000 GYRO OFF NORM			14589:29:788F	07-323/09:42:23	2TI
51	323 21:22:05	32			AC7PAR	6740 000740 PITCH DEADBAND			14589:29:788F	07-323/09:42:23	2TI
52	323 21:22:05	32			AC7PAR	6741 001700 YAW DEADBAND			14589:29:788F	07-323/09:42:23	2TI
53	323 21:22:05	32			AC7PAR	6742 004540 ROLL DEADBAND			14589:29:788F	07-323/09:42:23	2TI
54	323 21:22:05	32			DEADBAND	DEAD BAND STATE: 05 10 25			14589:29:788F	07-323/09:42:23	2TI
55	323 21:22:05	32			CC7SS	1 AACS TO RAI			14589:29:788F	07-323/09:42:23	2TI
56	323 21:22:05	32			CC7CT	03 CST CONE ANGLE 3			14589:29:788F	07-323/09:42:23	2TI
57	323 21:22:05	32			CC7AHRP	SS HTR A OFF			14589:29:788F	07-323/09:42:23	2TI
58	323 21:22:05	32			CC7BHP	SS HTR B ON			14589:29:788F	07-323/09:42:23	2TI
59	323 21:22:05	32			CC7ML	01 FDS CHAN A			14589:29:788F	07-323/09:42:23	2TI
60	323 21:22:05	32			CC7ML	09 TCAPU FAULT ENA			14589:29:788F	07-323/09:42:23	2TI
61	323 21:22:05	32			AC7PCG	61 AACS BAY 6 HTR A OFF			14589:29:788F	07-323/09:42:23	2TI
62	323 21:22:05	32			AC7PCG	71 AACS BAY 6 HTR B OFF			14589:29:788F	07-323/09:42:23	2TI
63	323 21:22:05	32			CC7MMRP	PROC/MEM 2 SELECT			14589:29:788F	07-323/09:42:23	2TI
64	323 21:22:05	32			CC7SHRP	AZ SCAN ACTUATOR HTR OFF			14589:29:788F	07-323/09:42:23	2TI
65	323 21:22:05	32			AC7PCG	22 CST SUN SHUTTER OFF			14589:29:788F	07-323/09:42:23	2TI
66	323 21:22:05	32			AC7PCG	10 ISO VALVE BRANCH 1 OFF			14589:29:788F	07-323/09:42:23	2TI
67	323 21:22:05	32			AC7PCG	20 ISO VALVE BRANCH 2 OFF			14589:29:788F	07-323/09:42:23	2TI
68	323 21:22:05	32			CC1PHRP	SCAN PLAT SUPL HTR OFF			14589:29:788F	07-323/09:42:23	2TI
69	323 21:22:05	32			CC77MRP	MAM OFF			14589:29:788F	07-323/09:42:23	2TI

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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
70	323 21:22:05	32			DC77PR	NON-PRIME FCP/MEM OFF			14589:29:788F	07-323/09:42:23	2TI
71	323 21:22:05	32			DC77XR	MAM COMMAND DISABLE			14589:29:788F	07-323/09:42:23	2TI
72	323 21:22:05	32				PYRO STATUS			14589:29:788F	07-323/09:42:23	2TI
73	323 21:22:05	32			CC8D	PSU INSTRUMENTATION ON			14589:29:788F	07-323/09:42:23	2TI
74	323 21:22:05	32			DC8XR	PYRO DISABLE			14589:29:788F	07-323/09:42:23	2TI
75	323 21:22:05	32				PROPULSION STATUS			14589:29:788F	07-323/09:42:23	2TI
76	323 21:22:05	32			CC10CRP	TCM HTR OFF			14589:29:788F	07-323/09:42:23	2TI
77	323 21:22:05	32			CC10DR	AP BR1 HTR OFF			14589:29:788F	07-323/09:42:23	2TI
78	323 21:22:05	32			CC10E	AP BR2 HTR ON			14589:29:788F	07-323/09:42:23	2TI
79	323 21:22:05	32			CC10TRP	TCM LINE HTRS OFF			14589:29:788F	07-323/09:42:23	2TI
80	323 21:22:05	32				DSS STATUS			14589:29:788F	07-323/09:42:23	2TI
81	323 21:22:05	32			CC16BR	DSS 10 W REPL HTR OFF			14589:29:788F	07-323/09:42:23	2TI
82	323 21:22:05	32			CC16AP	DSS ON			14589:29:788F	07-323/09:42:23	2TI
83	323 21:22:05	32			CC1DR	BAY 2 19 W HTR OFF			14589:29:788F	07-323/09:42:23	2TI
84	323 21:22:05	32			CC16C	7211 DSS CONTROL			14589:29:788F	07-323/09:42:23	2TI
85	323 21:22:05	32				SCIENCE PWR STATUS			14589:29:788F	07-323/09:42:23	2TI
86	323 21:22:05	32			CC1CR	MAG COIL OFF			14589:29:788F	07-323/09:42:23	2TI
87	323 21:22:05	32			CC21A	CRS ON			14589:29:788F	07-323/09:42:23	2TI
88	323 21:22:05	32			CC21B	CRS REPL HTR ON			14589:29:788F	07-323/09:42:23	2TI
89	323 21:22:05	32			CC21CR	CRS SUPP HTR OFF			14589:29:788F	07-323/09:42:23	2TI
90	323 21:22:05	32			CC22A	PRA ON			14589:29:788F	07-323/09:42:23	2TI
91	323 21:22:05	32			CC23A	PWS ON			14589:29:788F	07-323/09:42:23	2TI
92	323 21:22:05	32			CC25A	LECP ON			14589:29:788F	07-323/09:42:23	2TI

FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT 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	323 21:22:05	32			CC25B	LECP STEPPER MOTOR ON			14589:29:788F	07-323/09:42:23	2TI
94	323 21:22:05	32			CC25CR	LECP REPL HTR OFF			14589:29:788F	07-323/09:42:23	2TI
95	323 21:22:05	32			CC25D	LECP MAIN SUPP HTR ON			14589:29:788F	07-323/09:42:23	2TI
96	323 21:22:05	32			CC25E	LECP LEPT SUPP HTR ON			14589:29:788F	07-323/09:42:23	2TI
97	323 21:22:05	32			CC27BR	PPS SUPP HTR OFF			14589:29:788F	07-323/09:42:23	2TI
98	323 21:22:05	32			CC32A	PLS ON			14589:29:788F	07-323/09:42:23	2TI
99	323 21:22:05	32			CC32B	PLS SUPP HTR ON			14589:29:788F	07-323/09:42:23	2TI
100	323 21:22:05	32			CC32CR	PLS REPL HTR OFF			14589:29:788F	07-323/09:42:23	2TI
101	323 21:22:05	32			CC34AR	UVS OFF			14589:29:788F	07-323/09:42:23	2TI
102	323 21:22:05	32			CC34BR	UVS REPL HTR OFF			14589:29:788F	07-323/09:42:23	2TI
103	323 21:22:05	32			CC35AR	MAG OFF			14589:29:788F	07-323/09:42:23	2TI
104	323 21:22:05	32			CC35B	MAG STANDBY ON			14589:29:788F	07-323/09:42:23	2TI
105	323 21:22:05	32			CC35GR	MAG SENSOR HTR OFF			14589:29:788F	07-323/09:42:23	2TI
106	323 21:22:05	32			CC36GR	ISS WA VID REPL HTR OFF			14589:29:788F	07-323/09:42:23	2TI
107	323 21:22:05	32			CC36HR	ISS WA ELEC REPL HTR OFF			14589:29:788F	07-323/09:42:23	2TI
108	323 21:22:05	32			CC36CRP	ISS NA OPTICS HTR OFF			14589:29:788F	07-323/09:42:23	2TI
109	323 21:22:05	32			CC36FRP	ISS NA VID REPL HTR OFF			14589:29:788F	07-323/09:42:23	2TI
110	323 21:22:05	32			CC36JRP	ISS NA ELEC REPL HTR OFF			14589:29:788F	07-323/09:42:23	2TI
111	323 21:22:05	32			CC39DR	IRIS REPL HTR OFF			14589:29:788F	07-323/09:42:23	2TI
112	323 21:22:05	32			CC39FR	IRIS STANDBY A SUPPLY OFF			14589:29:788F	07-323/09:42:23	2TI
113	323 21:22:05	32			CC39BR	IRIS STANDBY B SUPPLY OFF			14589:29:788F	07-323/09:42:23	2TI
114	323 21:22:05	32				SCIENCE INSTRUMENT STATUS			14589:29:788F	07-323/09:42:23	2TI
115	323 21:22:05	32			SC21AF	01000 CRS CMD WORD			14589:29:788F	07-323/09:42:23	2TI

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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
116	323 21:22:05	32			SC21AF	02000 CRS CMD WORD			14589:29:788F	07-323/09:42:23	2TI
117	323 21:22:05	32			SC21AF	03010 CRS CMD WORD			14589:29:788F	07-323/09:42:23	2TI
118	323 21:22:05	32			SC21AF	04000 CRS CMD WORD			14589:29:788F	07-323/09:42:23	2TI
119	323 21:22:05	32			SC21AF	05302 CRS CMD WORD			14589:29:788F	07-323/09:42:23	2TI
120	323 21:22:05	32			SC21AF	06200 CRS CMD WORD			14589:29:788F	07-323/09:42:23	2TI
121	323 21:22:05	32			SC21AF	07000 CRS CMD WORD			14589:29:788F	07-323/09:42:23	2TI
122	323 21:22:05	32			SC21AF	08200 CRS CMD WORD			14589:29:788F	07-323/09:42:23	2TI
123	323 21:22:05	32			SC21AF	10000 CRS CMD WORD			14589:29:788F	07-323/09:42:23	2TI
124	323 21:22:05	32			SC21AF	11000 CRS CMD WORD			14589:29:788F	07-323/09:42:23	2TI
125	323 21:22:05	32			SC21AF	12000 CRS CMD WORD			14589:29:788F	07-323/09:42:23	2TI
126	323 21:22:05	32			SC21AF	13004 CRS CMD WORD			14589:29:788F	07-323/09:42:23	2TI
127	323 21:22:05	32			SC21AG	CRS HV FLAG			14589:29:788F	07-323/09:42:23	2TI
128	323 21:22:05	32			SC21AH	CRS CAL-ST FLAG			14589:29:788F	07-323/09:42:23	2TI
129	323 21:22:05	32			SC22AF	1347 PRA CONFIGURATION CMD			14589:29:788F	07-323/09:42:23	2TI
130	323 21:22:05	32			SC22NU	0000 PRA MODE SELECT			14589:29:788F	07-323/09:42:23	2TI
131	323 21:22:05	32			SC23AD	1 PWS CMD WORD			14589:29:788F	07-323/09:42:23	2TI
132	323 21:22:05	32			SC25AH	1677 LECP CMD WORD			14589:29:788F	07-323/09:42:23	2TI
133	323 21:22:05	32			SC25AH	3017 LECP CMD WORD			14589:29:788F	07-323/09:42:23	2TI
134	323 21:22:05	32			SC25AH	5600 LECP CMD WORD			14589:29:788F	07-323/09:42:23	2TI
135	323 21:22:05	32			SC25AH	6032 LECP CMD WORD			14589:29:788F	07-323/09:42:23	2TI
136	323 21:22:05	32			SC25AJ	1 LECP MOTOR STEP CMD			14589:29:788F	07-323/09:42:23	2TI
137	323 21:22:05	32			SC25AN	0 LECP NEAR/FAR ENC			14589:29:788F	07-323/09:42:23	2TI
138	323 21:22:05	32			SC25AQ	5200 LECP SAFE CMD			14589:29:788F	07-323/09:42:23	2TI

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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
139	323 21:22:05	32			SC32AF	2 PLS E1 INT/AMP GAIN			14589:29:788F	07-323/09:42:23	2TI
140	323 21:22:05	32			SC32AG	2 PLS E2 INT/AMP GAIN			14589:29:788F	07-323/09:42:23	2TI
141	323 21:22:05	32			SC32AH	2 PLS M INT/AMP GAIN			14589:29:788F	07-323/09:42:23	2TI
142	323 21:22:05	32			SC32AJ	15 PLS CONFIG CMD			14589:29:788F	07-323/09:42:23	2TI
143	323 21:22:05	32			SC32AK	2 PLS L INT/AMP GAIN			14589:29:788F	07-323/09:42:23	2TI
144	323 21:22:05	32			SC32AL	216 PLS M START WORD 1			14589:29:788F	07-323/09:42:23	2TI
145	323 21:22:05	32			SC32AM	116 PLS M START WORD 2			14589:29:788F	07-323/09:42:23	2TI
146	323 21:22:05	32			SC32AN	2 PLS M MODE			14589:29:788F	07-323/09:42:23	2TI
147	323 21:22:05	32			SC32AP	3 PLS E1 SHRT			14589:29:788F	07-323/09:42:23	2TI
148	323 21:22:05	32			SC32AQ	3 PLS E2 SHRT			14589:29:788F	07-323/09:42:23	2TI
149	323 21:22:05	32			SC32AR	3 PLS L SHORT			14589:29:788F	07-323/09:42:23	2TI
150	323 21:22:05	32			SC32AS	2 PLS E1 LONG			14589:29:788F	07-323/09:42:23	2TI
151	323 21:22:05	32			SC32AT	2 PLS E2 LONG			14589:29:788F	07-323/09:42:23	2TI
152	323 21:22:05	32			SC32AU	2 PLS L LONG			14589:29:788F	07-323/09:42:23	2TI
153	323 21:22:05	32			SC34AE	13 UVS MODE/HV LEVEL			14589:29:788F	07-323/09:42:23	2TI
154	323 21:22:05	32			SC34AF	0 UVS READ OUT FLAG			14589:29:788F	07-323/09:42:23	2TI
155	323 21:22:05	32			SC35AI	030001 MAG HFM/EL FLIP/IFC/LFM			14589:29:788F	07-323/09:42:23	2TI
156	323 21:22:05	32			SC35AO	030001 MAG HFM/PRIME/IFC/LFM RAN			14589:29:788F	07-323/09:42:23	2TI
157	323 21:22:06	32				BEGIN SEQUENCE B138 -- LOCK STAR			14589:30:001F	07-323/09:42:23	2T
158	323 21:30:07	32	40RISE			10.2 DEGREE RISE DSC-40					2V
159	323 23:25:19	32			AC7SSB	(4 +183) SS BIAS CONTROL --- YAW	AACS		14592:04:003F	07-323/11:45:35	2ECa
160	324 00:00:00	32				VGR-32 OWLT IS 11H 46M 00S					2L
161	324 03:45:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-1079 (D/L ONLY)					2DP

FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
162	324 03:45:00	32				CFG CODES					2DP
163	324 12:00:00	32				VGR-32 OWLT IS 11H 46M 05S					2L
164	324 13:25:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-1079					2DP
165	324 14:18:30	32	40 SET			10.2 DEGREE SET DSC-40					2V
166	324 21:26:16	32	40RISE			10.2 DEGREE RISE DSC-40					2V
167	324 21:45:00	32	43 AOS	OPCH ACE		AOS DSS-43 PASS-1080 (D/L ONLY)					2DP
168	324 21:45:00	32				CFG CODES					2DP
169	325 00:00:00	32				VGR-32 OWLT IS 11H 46M 10S					2L
170	325 07:20:00	32	43 LOS	OPCH ACE		LOS DSS-43 PASS-1080					2DP
171	325 08:15:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-1080 (D/L ONLY)					2DP
172	325 08:15:00	32				CFG CODES					2DP
173	325 11:50:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-1080					2DP
174	325 12:00:00	32				VGR-32 OWLT IS 11H 46M 15S					2L
175	325 14:14:35	32	40 SET			10.2 DEGREE SET DSC-40					2V
176	325 17:50:24	32			AC7SSB	(3 -005) SS BIAS CONTROL - PITCH	AACS		14645:05:003F	07-325/06:10:23	2ECa
177	325 21:22:25	32	40RISE			10.2 DEGREE RISE DSC-40					2V
178	326 00:00:00	32				VGR-32 OWLT IS 11H 46M 20S					2L
179	326 01:40:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-1081 (D/L ONLY)					2DP
180	326 01:40:00	32				CFG CODES					2DP
181	326 11:35:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-1081					2DP
182	326 12:00:00	32				VGR-32 OWLT IS 11H 46M 25S					2L

FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
183	326 14:10:40	32	40	SET		10.2 DEGREE SET DSC-40					2V
184	326 21:18:34	32	40	RISE		10.2 DEGREE RISE DSC-40					2V
185	326 21:35:00	32	43	AOS	OPCH ACE	AOS DSS-43 PASS-1082 (D/L ONLY)					2DP
186	326 21:35:00	32				CFG CODES					2DP
187	327 00:00:00	32				VGR-32 OWLT IS 11H 46M 30S					2L
188	327 01:35:00	32	45	AOS	OPCH ACE	AOS DSS-45 PASS-1082 (D/L ONLY)					2DP
189	327 01:35:00	32				CFG CODES					2DP
190	327 01:55:00	32	43	LOS	OPCH ACE	LOS DSS-43 PASS-1082					2DP
191	327 08:10:00	32	45	LOS	OPCH ACE	LOS DSS-45 PASS-1082					2DP
192	327 12:00:00	32				VGR-32 OWLT IS 11H 46M 35S					2L
193	327 14:06:45	32	40	SET		10.2 DEGREE SET DSC-40					2V
194	327 21:14:43	32	40	RISE		10.2 DEGREE RISE DSC-40					2V
195	327 22:00:00	32	43	AOS	OPCH ACE	AOS DSS-43 PASS-1083 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
196	328 00:00:00	32				VGR-32 OWLT IS 11H 46M 39S					2L
197	328 04:25:00	32	45	AOS	OPCH ACE	AOS DSS-45 PASS-1083 (D/L ONLY)					2DP
198	328 04:25:00	32				CFG CODES					2DP
199	328 04:45:00	32	43	LOS	OPCH ACE	LOS DSS-43 PASS-1083					2DP
200	328 12:00:00	32				VGR-32 OWLT IS 11H 46M 44S					2L
201	328 13:30:00	32	45	LOS	OPCH ACE	LOS DSS-45 PASS-1083					2DP
202	328 14:02:50	32	40	SET		10.2 DEGREE SET DSC-40					2V
203	328 21:10:53	32	40	RISE		10.2 DEGREE RISE DSC-40					2V

FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
204	328 21:25:00	32	43 AOS	OPCH ACE		AOS DSS-43 PASS-1084 (D/L ONLY)					2DP
205	328 21:25:00	32				CFG CODES					2DP
206	329 00:00:00	32				VGR-32 OWLT IS 11H 46M 49S					2L
207	329 07:20:00	32	43 LOS	OPCH ACE		LOS DSS-43 PASS-1084					2DP
208	329 12:00:00	32				VGR-32 OWLT IS 11H 46M 54S					2L
209	329 13:58:55	32	40 SET			10.2 DEGREE SET DSC-40					2V
210	329 21:07:02	32	40RISE			10.2 DEGREE RISE DSC-40					2V
211	329 21:20:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-1085 (D/L ONLY)					2DP
212	329 21:20:00	32				CFG CODES					2DP
213	330 00:00:00	32				VGR-32 OWLT IS 11H 46M 59S					2L
214	330 06:00:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-1085					2DP
215	330 12:00:00	32				VGR-32 OWLT IS 11H 47M 03S					2L
216	330 13:55:01	32	40 SET			10.2 DEGREE SET DSC-40					2V
217	330 21:03:11	32	40RISE			10.2 DEGREE RISE DSC-40					2V
218	331 00:00:00	32				VGR-32 OWLT IS 11H 47M 08S					2L
219	331 00:45:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-1086 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
220	331 02:52:52	32			AC7SSB	(3 -004) SS BIAS CONTROL - PITCH	AACS		14806:22:003F	07-330/15:11:59	2ECa
221	331 04:45:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-1086					2DP
222	331 05:30:00	32	43 AOS	OPCH ACE		AOS DSS-43 PASS-1086 (D/L ONLY)					2DP
223	331 05:30:00	32				CFG CODES					2DP
224	331 12:00:00	32				VGR-32 OWLT IS 11H 47M 13S					2L

FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
225	331 13:30:00	32	43 LOS	OPCH ACE		LOS DSS-43 PASS-1086					2DP
226	331 13:51:06	32	40 SET			10.2 DEGREE SET DSC-40					2V
227	331 20:59:21	32	40RISE			10.2 DEGREE RISE DSC-40					2V
228	331 23:20:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-1087 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
229	332 00:00:00	32				VGR-32 OWLT IS 11H 47M 17S					2L
230	332 11:20:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-1087					2DP
231	332 12:00:00	32				VGR-32 OWLT IS 11H 47M 22S					2L
232	332 13:47:12	32	40 SET			10.2 DEGREE SET DSC-40					2V
233	332 20:55:30	32	40RISE			10.2 DEGREE RISE DSC-40					2V
234	333 00:00:00	32				VGR-32 OWLT IS 11H 47M 27S					2L
235	333 00:30:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-1088 (D/L ONLY)					2DP
236	333 00:30:00	32				CFG CODES					2DP
237	333 00:33:48	32		ACE ALL		>>>>>>>> 1 HR WARNING <<<<<<<<< FOR S/C-32 COMMAND MORATORIUM					2T
238	333 01:33:48	32		ACE ALL		BEGIN S/C-32 COMMAND MORATORIUM					2T
239	333 08:30:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-1088					2DP
240	333 12:00:00	32				VGR-32 OWLT IS 11H 47M 31S					2L
241	333 13:13:15	32			AC7SSB	(3 -003) SS BIAS CONTROL - PITCH	AACS		14879:17:003F	07-333/01:31:59	2ECa
242	333 13:43:17	32	40 SET			10.2 DEGREE SET DSC-40					2V
243	333 20:51:39	32	40RISE			10.2 DEGREE RISE DSC-40					2V
244	333 21:50:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-1089 (D/L ONLY)					2DP

FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
245	333 21:50:00	32				CFG CODES					2DP
246	334 00:00:00	32				VGR-32 OWLT IS 11H 47M 36S					2L
247	334 00:38:55	32				B- GYONAC.32			14893:34:001F	07-333/12:57:35	2TB
248	334 00:38:55	32				BEGIN GYONAC32			14893:34:001F	07-333/12:57:35	2T
249	334 00:38:55	32			AC7GYP	(100) DRIRU PATTERN CONTROL GYRO/AXIS=A/PITCH & YAW C/ROLL	AACS		14893:34:003F	07-333/12:57:35	2ECa
250	334 00:38:55	32			CC7GBRP	GYRO B OFF	PWR		14893:34:003F	07-333/12:57:35	2ECp
251	334 00:38:55	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: OFF CST : ON GRYO C: OFF	AACS		14893:34:003F	07-333/12:57:35	2ESa
252	334 00:38:55	32			CC7GBRP	GYRO B OFF	PWR		14893:34:005F	07-333/12:57:36	2ECp
253	334 00:38:55	32			CC7PC	(362) GYRO B OFF	AACS		14893:34:008F	07-333/12:57:36	2ECa
254	334 00:38:55	32			CC7GCP	GYRO C ON	PWR		14893:34:008F	07-333/12:57:36	2ECp
255	334 00:38:55	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: OFF CST : ON GRYO C: ON	AACS		14893:34:008F	07-333/12:57:36	2ESa
256	334 00:38:55	32			CC7GCP	GYRO C ON	PWR		14893:34:010F	07-333/12:57:36	2ECp
257	334 00:38:55	32			CC7PC	(373) GYRO C ON	AACS		14893:34:012F	07-333/12:57:36	2ECa
258	334 00:38:55	32			CC7GAP	GYRO A ON	PWR		14893:34:013F	07-333/12:57:36	2ECp
259	334 00:38:55	32				AACS STATUS MODE : CRU GYRO A: ON HYBIC: 2 GYRO B: OFF CST : ON GRYO C: ON	AACS		14893:34:013F	07-333/12:57:36	2ESa

FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
260	334 00:38:56	32			CC7GAP	GYRO A ON	PWR		14893:34:015F	07-333/12:57:36	2ECp
261	334 00:38:56	32			CC7PC	(353) GYRO A ON	AACS		14893:34:017F	07-333/12:57:36	2ECa
262	334 00:39:24	32				DRIRU INITIALIZATION			14893:34:484F	07-333/12:58:04	2T
263	334 00:39:25	32			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		14893:34:501F	07-333/12:58:05	2ECa
264	334 00:39:54	32				SET CALIB			14893:35:184F	07-333/12:58:34	2T
265	334 00:39:55	32			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		14893:35:203F	07-333/12:58:35	2ECa
266	334 00:48:54	32				START GYRO FAULT TEST			14893:46:384F	07-333/13:07:34	2T
267	334 00:48:55	32			CC7GY	(4) DRIRU FAULT TEST START	AACS		14893:46:401F	07-333/13:07:35	2ECa
268	334 00:48:56	32				END GYONAC32			14893:46:418F	07-333/13:07:36	2T
269	334 05:50:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-1089					2DP
270	334 12:00:00	32				VGR-32 OWLT IS 11H 47M 40S					2L
271	334 13:39:23	32	40 SET			10.2 DEGREE SET DSC-40					2V
272	334 20:47:49	32	40RISE			10.2 DEGREE RISE DSC-40					2V
273	334 21:15:00	32	43 AOS	OPCH ACE		AOS DSS-43 PASS-1090 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
274	335 00:00:00	32				VGR-32 OWLT IS 11H 47M 45S					2L
275	335 01:03:30	32		ACE ALL		END S/C-32 COMMAND MORATORIUM					2T
276	335 01:05:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-1090 (D/L ONLY)					2DP
277	335 01:05:00	32				CFG CODES					2DP
278	335 05:05:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-1090					2DP
279	335 05:45:00	32	43 LOS	OPCH ACE		LOS DSS-43 PASS-1090					2DP
280	335 11:48:44	32			AC7SSB	(4 +182) SS BIAS CONTROL --- YAW	AACS		14937:31:003F	07-335/00:07:11	2ECa

FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
281	335 12:00:00	32				VGR-32 OWLT IS 11H 47M 49S					2L
282	335 13:35:29	32	40 SET			10.2 DEGREE SET DSC-40					2V
283	335 20:43:58	32	40RISE			10.2 DEGREE RISE DSC-40					2V
284	335 21:25:00	32	43 AOS	OPCH ACE		AOS DSS-43 PASS-1091 (D/L ONLY)					2DP
285	335 21:25:00	32				CFG CODES					2DP
286	336 00:00:00	32				VGR-32 OWLT IS 11H 47M 54S					2L
287	336 00:39:42	32				DRIRU INITIALIZATION			14953:34:484F	07-335/12:58:04	2T
288	336 00:39:43	32			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		14953:34:501F	07-335/12:58:05	2ECa
289	336 00:45:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-1091 (D/L ONLY)					2DP
290	336 00:45:00	32				CFG CODES					2DP
291	336 04:45:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-1091					2DP
292	336 05:25:00	32	43 LOS	OPCH ACE		LOS DSS-43 PASS-1091					2DP
293	336 12:00:00	32				VGR-32 OWLT IS 11H 47M 58S					2L
294	336 13:31:34	32	40 SET			10.2 DEGREE SET DSC-40					2V
295	336 20:40:08	32	40RISE			10.2 DEGREE RISE DSC-40					2V
296	337 00:00:00	32				VGR-32 OWLT IS 11H 48M 03S					2L
297	337 00:00:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-1092 (D/L ONLY)					2DP
298	337 00:00:00	32				CFG CODES					2DP
299	337 08:00:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-1092					2DP
300	337 12:00:00	32				VGR-32 OWLT IS 11H 48M 07S					2L
301	337 13:27:40	32	40 SET			10.2 DEGREE SET DSC-40					2V
302	337 20:36:17	32	40RISE			10.2 DEGREE RISE DSC-40					2V

FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
303	337 23:45:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-1093 (D/L ONLY)					2DP
304	337 23:45:00	32				CFG CODES					2DP
305	338 00:00:00	32				VGR-32 OWLT IS 11H 48M 11S					2L
306	338 00:40:00	32				DRIRU INITIALIZATION			15013:34:484F	07-337/12:58:04	2T
307	338 00:40:01	32			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		15013:34:501F	07-337/12:58:05	2ECa
308	338 03:45:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-1093					2DP
309	338 06:00:00	32	43 AOS	OPCH ACE		AOS DSS-43 PASS-1093 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
310	338 12:00:00	32				VGR-32 OWLT IS 11H 48M 16S					2L
311	338 13:23:46	32	40 SET			10.2 DEGREE SET DSC-40					2V
312	338 13:24:23	32			AC7SSB	(3 -002) SS BIAS CONTROL - PITCH	AACS		15029:30:003F	07-338/01:42:23	2ECa
313	338 14:00:00	32	43 LOS	OPCH ACE		LOS DSS-43 PASS-1093					2DP
314	338 20:32:27	32	40RISE			10.2 DEGREE RISE DSC-40					2V
315	339 00:00:00	32				VGR-32 OWLT IS 11H 48M 20S					2L
316	339 00:30:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-1094 (D/L ONLY)					2DP
317	339 00:30:00	32				CFG CODES					2DP
318	339 08:30:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-1094					2DP
319	339 12:00:00	32				VGR-32 OWLT IS 11H 48M 24S					2L
320	339 13:19:52	32	40 SET			10.2 DEGREE SET DSC-40					2V
321	339 20:28:36	32	40RISE			10.2 DEGREE RISE DSC-40					2V
322	340 00:00:00	32				VGR-32 OWLT IS 11H 48M 28S					2L
323	340 00:17:34	32		ACE ALL		>>>>>>> 1 HR WARNING <<<<<<<<<< FOR S/C-32 COMMAND MORATORIUM					2T

FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
324	340 00:30:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-1095 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
325	340 00:40:17	32				DRIRU INITIALIZATION			15073:34:484F	07-339/12:58:04	2T
326	340 00:40:18	32			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		15073:34:501F	07-339/12:58:05	2ECa
327	340 01:17:34	32		ACE ALL		BEGIN S/C-32 COMMAND MORATORIUM					2T
328	340 08:30:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-1095					2DP
329	340 12:00:00	32				VGR-32 OWLT IS 11H 48M 33S					2L
330	340 13:15:58	32	40 SET			10.2 DEGREE SET DSC-40					2V
331	340 20:24:46	32	40RISE			10.2 DEGREE RISE DSC-40					2V
332	340 23:00:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-1096 (D/L ONLY)					2DP
333	340 23:00:00	32				CFG CODES					2DP
334	341 00:00:00	32				VGR-32 OWLT IS 11H 48M 37S					2L
335	341 00:23:44	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN D/L CARRIER SIG LEVEL					22EC
336	341 00:24:44	32				B- XHIPWR.32			15103:15:001F	07-340/12:42:23	2TB
337	341 00:24:44	32				BEGIN XHIPWR32			15103:15:001F	07-340/12:42:23	2T
338	341 00:24:44	32			CC1TR	BAY 1 HTR OFF	PWR		15103:15:002F	07-340/12:42:23	2ECp
339	341 00:28:44	32				X BAND HIGH POWER			15103:20:001F	07-340/12:46:23	2T
340	341 00:28:44	32			DC2H	X-BAND TWT HIGH POWER	RFS		15103:20:001F	07-340/12:46:23	2ECr
341	341 00:39:56	32				B- GAIN.32			15103:34:001F	07-340/12:57:35	2TB
342	341 00:39:56	32				BEGIN GAIN32			15103:34:001F	07-340/12:57:35	2T
343	341 00:39:56	32				B- GYONBC.32			15103:34:001F	07-340/12:57:35	2TB
344	341 00:39:56	32				BEGIN GYONBC32			15103:34:001F	07-340/12:57:35	2T

FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
345	341 00:39:56	32			AC7GYP	(111) DRIRU PATTERN CONTROL GYRO/AXIS=B/PITCH C/YAW & ROLL	AACS		15103:34:004F	07-340/12:57:35	2ECa
346	341 00:39:56	32			CC7GARP	GYRO A OFF	PWR		15103:34:005F	07-340/12:57:35	2ECp
347	341 00:39:56	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: OFF CST : ON GRYO C: ON	AACS	15103:34:005F	07-340/12:57:35	2ESa	
348	341 00:39:56	32			CC7GARP	GYRO A OFF	PWR		15103:34:007F	07-340/12:57:36	2ECp
349	341 00:39:56	32			CC7PC	(352) GYRO A OFF	AACS		15103:34:009F	07-340/12:57:36	2ECa
350	341 00:39:56	32			CC7GBP	GYRO B ON	PWR		15103:34:009F	07-340/12:57:36	2ECp
351	341 00:39:56	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS	15103:34:009F	07-340/12:57:36	2ESa	
352	341 00:39:56	32			CC7GBP	GYRO B ON	PWR		15103:34:011F	07-340/12:57:36	2ECp
353	341 00:39:57	32			CC7PC	(363) GYRO B ON	AACS		15103:34:014F	07-340/12:57:36	2ECa
354	341 00:40:25	32				DRIRU INITIALIZATION			15103:34:484F	07-340/12:58:04	2T
355	341 00:40:26	32			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		15103:34:501F	07-340/12:58:05	2ECa
356	341 00:40:55	32				SET CALIB			15103:35:184F	07-340/12:58:34	2T
357	341 00:40:56	32			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		15103:35:203F	07-340/12:58:35	2ECa
358	341 00:49:55	32				START GYRO FAULT TEST			15103:46:384F	07-340/13:07:34	2T
359	341 00:49:56	32			CC7GY	(4) DRIRU FAULT TEST START	AACS		15103:46:401F	07-340/13:07:35	2ECa
360	341 00:49:57	32				END GYONBC32			15103:46:418F	07-340/13:07:36	2T
361	341 01:00:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-1096 (D/L ONLY)					2DP

FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
362	341 01:00:00	32				CFG CODES					2DP
363	341 01:39:57	32				B- CCSTIMB			15104:49:001F	07-340/13:57:35	2TB
364	341 01:39:57	32				EXECUTE CCSTIMB FINE			15104:49:001F	07-340/13:57:35	2T
365	341 05:00:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-1096					2DP
366	341 07:00:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-1096					2DP
367	341 12:00:00	32				VGR-32 OWLT IS 11H 48M 41S					2L
368	341 13:12:05	32	40 SET			10.2 DEGREE SET DSC-40					2V
369	341 20:20:56	32	40RISE			10.2 DEGREE RISE DSC-40					2V
370	341 21:45:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-1097 (D/L ONLY)					2DP
371	341 21:45:00	32				CFG CODES					2DP
372	342 00:00:00	32				VGR-32 OWLT IS 11H 48M 45S					2L
373	342 01:02:29	32		ACE ALL		END S/C-32 COMMAND MORATORIUM					2T
374	342 01:05:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-1097 (D/L ONLY)					2DP
375	342 01:05:00	32				CFG CODES					2DP
376	342 05:05:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-1097					2DP
377	342 06:15:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-1097					2DP
378	342 06:52:55	32			AC7SSB	(4 +181) SS BIAS CONTROL --- YAW	AACS		15141:20:003F	07-341/19:10:23	2ECa
379	342 12:00:00	32				VGR-32 OWLT IS 11H 48M 49S					2L
380	342 13:08:11	32	40 SET			10.2 DEGREE SET DSC-40					2V
381	342 20:17:05	32	40RISE			10.2 DEGREE RISE DSC-40					2V
382	342 21:30:00	32	43 AOS	OPCH ACE		AOS DSS-43 PASS-1098 (D/L ONLY)					2DP

FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
383	342 21:30:00	32				CFG CODES					2DP
384	343 00:00:00	32				VGR-32 OWLT IS 11H 48M 53S					2L
385	343 05:30:00	32	43 LOS	OPCH ACE		LOS DSS-43 PASS-1098					2DP
386	343 08:30:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-1098 (D/L ONLY)					2DP
387	343 08:30:00	32				CFG CODES					2DP
388	343 12:00:00	32				VGR-32 OWLT IS 11H 48M 58S					2L
389	343 12:30:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-1098					2DP
390	343 13:04:17	32	40 SET			10.2 DEGREE SET DSC-40					2V
391	343 13:35:29	32			AC7SSB	(3 -001) SS BIAS CONTROL - PITCH	AACS		15179:43:003F	07-343/01:52:47	2ECa
392	343 20:13:15	32	40RISE			10.2 DEGREE RISE DSC-40					2V
393	344 00:00:00	32				VGR-32 OWLT IS 11H 49M 02S					2L
394	344 01:15:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-1099 (D/L ONLY)					2DP
395	344 01:15:00	32				CFG CODES					2DP
396	344 09:15:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-1099					2DP
397	344 12:00:00	32				VGR-32 OWLT IS 11H 49M 06S					2L
398	344 13:00:24	32	40 SET			10.2 DEGREE SET DSC-40					2V
399	344 20:09:25	32	40RISE			10.2 DEGREE RISE DSC-40					2V
400	344 23:10:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-1100 (D/L ONLY)					2DP
401	344 23:10:00	32				CFG CODES					2DP
402	345 00:00:00	32				VGR-32 OWLT IS 11H 49M 10S					2L
403	345 01:40:29	32			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		15224:49:002F	07-344/13:57:35	2ECa

FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
404	345 07:10:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-1100					2DP
405	345 12:00:00	32				VGR-32 OWLT IS 11H 49M 14S					2L
406	345 12:56:30	32	40 SET			10.2 DEGREE SET DSC-40					2V
407	345 20:05:34	32	40RISE			10.2 DEGREE RISE DSC-40					2V
408	345 23:20:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-1101 (D/L ONLY)					2DP
409	345 23:20:00	32				CFG CODES					2DP
410	346 00:00:00	32				VGR-32 OWLT IS 11H 49M 17S					2L
411	346 01:37:13	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESF
412	346 01:37:13	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					22EC
413	346 01:37:25	32				BEGIN PMPCALLR			15254:45:001F	07-345/13:54:23	2T
414	346 01:41:25	32				B- DRCR5T			15254:50:001F	07-345/13:58:23	2TB
415	346 01:41:25	32			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		15254:50:009F	07-345/13:58:24	2ECF
416	346 01:42:13	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	15254:51:001F	07-345/13:59:11	2ESF
417	346 01:42:13	32			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		15254:51:001F	07-345/13:59:11	2ECs

FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
418	346 01:48:37	32			SC06BY	(7) FDS PLS/MAG/PESCAL FLAG PLSCAL ENABLED MAGCAL ENABLED PESCAL ENABLED	FDS		15254:59:009F	07-345/14:05:36	2ECf
419	346 01:49:25	32				BEGIN PLS/MAG/PESCAL			15255:00:001F	07-345/14:06:23	2T
420	346 03:31:50	32				END PLSCAL			15257:08:001F	07-345/15:48:47	2T
421	346 04:51:50	32				END MAGCAL			15258:48:001F	07-345/17:08:47	2T
422	346 05:05:14	32		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
423	346 05:05:14	32		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					22EC
424	346 05:09:26	32				END PESCAL			15259:10:001F	07-345/17:26:23	2T
425	346 05:09:26	32				B- DRCSR			15259:10:001F	07-345/17:26:23	2TB
426	346 05:09:26	32			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		15259:10:009F	07-345/17:26:24	2ECf
427	346 05:10:14	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	15259:11:001F	07-345/17:27:11	2ESf
428	346 05:10:14	32			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		15259:11:002F	07-345/17:27:11	2ECs
429	346 05:10:15	32				END PMPCALLR			15259:11:018F	07-345/17:27:12	2T
430	346 07:20:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-1101					2DP
431	346 12:00:00	32				VGR-32 OWLT IS 11H 49M 21S					2L

FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
432	346 12:52:37	32	40 SET			10.2 DEGREE SET DSC-40					2V
433	346 16:18:18	32			AC7SSB	(4 +180) SS BIAS CONTROL --- YAW	AACS		15273:06:003F	07-346/04:35:11	2ECa
434	346 20:01:44	32	40RISE			10.2 DEGREE RISE DSC-40					2V
435	346 23:15:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-1102 (D/L ONLY)					2DP
436	346 23:15:00	32				CFG CODES					2DP
437	347 00:00:00	32				VGR-32 OWLT IS 11H 49M 25S					2L
438	347 07:15:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-1102					2DP
439	347 07:40:23	32		ACE ALL		>>>>>>> 1 HR WARNING <<<<<<<<<< FOR S/C-32 COMMAND MORATORIUM					2T
440	347 08:40:23	32		ACE ALL		BEGIN S/C-32 COMMAND MORATORIUM					2T
441	347 12:00:00	32				VGR-32 OWLT IS 11H 49M 29S					2L
442	347 12:48:44	32	40 SET			10.2 DEGREE SET DSC-40					2V
443	347 19:57:54	32	40RISE			10.2 DEGREE RISE DSC-40					2V
444	348 00:00:00	32				VGR-32 OWLT IS 11H 49M 33S					2L
445	348 00:00:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-1103 (D/L ONLY)					2DP
446	348 00:00:00	32				CFG CODES					2DP
447	348 01:37:28	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESF
448	348 01:37:28	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					22EC
449	348 01:40:52	32				B- MAGROLAB.32			15314:49:001F	07-347/13:57:35	2TB
450	348 01:40:52	32				BEGIN MAGROLAB32			15314:49:001F	07-347/13:57:35	2T

FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
451	348 01:40:52	32				B- YAW10			15314:49:001F	07-347/13:57:35	2TB
452	348 01:40:52	32				YAW10			15314:49:001F	07-347/13:57:35	2T
453	348 01:40:52	32			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		15314:49:004F	07-347/13:57:35	2ECa
454	348 01:41:41	32				B- DRCR5T			15314:50:018F	07-347/13:58:24	2TB
455	348 01:41:41	32			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		15314:50:025F	07-347/13:58:25	2ECf
456	348 01:42:28	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	15314:51:001F	07-347/13:59:11	2ESf
457	348 01:42:28	32			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		15314:51:002F	07-347/13:59:11	2ECs
458	348 01:48:54	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR COMMANDED TURN D/L AGC VARIATIONS EXPECTED					22EC
459	348 01:50:54	32			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		15315:01:419F	07-347/14:07:36	2ECa
460	348 01:50:54	32				AACS STATUS MODE : AAI GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS		15315:01:419F	07-347/14:07:36	2ESa
461	348 01:50:54	32			CC7GARP	GYRO A OFF	PWR		15315:01:419F	07-347/14:07:36	2ECp
462	348 01:50:54	32			CC7GARP	GYRO A OFF	PWR		15315:01:421F	07-347/14:07:36	2ECp
463	348 01:50:54	32			CC7PC	(352) GYRO A OFF	AACS		15315:01:423F	07-347/14:07:37	2ECa
464	348 01:50:54	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		15315:01:424F	07-347/14:07:37	2ECp

FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
465	348 01:50:54	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		15315:01:426F	07-347/14:07:37	2ECp
466	348 01:50:54	32			CC7PC	(312) DUMMY PWR CMD	AACS		15315:01:428F	07-347/14:07:37	2ECa
467	348 01:53:54	32			AC7TCD	(322 033167) TURN COMMAND AXIS=ROLL POL=NEG RNG SCALE=X10	AACS		15315:05:219F	07-347/14:10:36	2ECa
468	348 06:18:53	32			SC32AJ	(10) PLS CONFIG CMD	FDS		15320:36:392F	07-347/18:35:35	2ECf
469	348 06:52:00	32			SC32AJ	(11) PLS CONFIG CMD	FDS		15321:17:708F	07-347/19:08:42	2ECf
470	348 07:25:09	32				ROLL TURN COMPLETE (NOMINAL)			15321:59:251F	07-347/19:41:50	2T
471	348 07:27:35	32			CC7PC	(345) CMDED TURN COMPLETE	AACS		15322:02:290F	07-347/19:44:17	2ECa
472	348 07:32:55	32			SC32AJ	(15) PLS CONFIG CMD	FDS		15322:09:025F	07-347/19:49:37	2ECf
473	348 07:41:55	32				RESET CALIB			15322:20:218F	07-347/19:58:36	2T
474	348 07:41:55	32			AC7PAR	(7530 000000) PARAMETER LOAD	AACS		15322:20:220F	07-347/19:58:36	2ECa
475	348 07:42:25	32			CC7SS	(1) SS SEARCH ENABLE	AACS		15322:20:718F	07-347/19:59:06	2ECa
476	348 07:42:25	32				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS		15322:20:718F	07-347/19:59:06	2ESa
477	348 07:42:25	32			CC7PC	(327) IDET ACQUIRED	AACS		15322:20:719F	07-347/19:59:06	2ECa
478	348 07:42:25	32			CC7GARP	GYRO A OFF	PWR		15322:20:719F	07-347/19:59:06	2ECp
479	348 07:42:25	32			CC7GARP	GYRO A OFF	PWR		15322:20:721F	07-347/19:59:07	2ECp
480	348 07:42:25	32			CC7PC	(352) GYRO A OFF	AACS		15322:20:724F	07-347/19:59:07	2ECa
481	348 07:42:25	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		15322:20:724F	07-347/19:59:07	2ECp
482	348 07:42:25	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		15322:20:726F	07-347/19:59:07	2ECp
483	348 07:42:25	32			CC7PC	(312) DUMMY PWR CMD	AACS		15322:20:728F	07-347/19:59:07	2ECa
484	348 07:48:25	32			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		15322:28:318F	07-347/20:05:06	2ECa

FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT 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	348 07:49:30	32				GYROS OFF			15322:29:601F	07-347/20:06:11	2T
486	348 07:49:30	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS		15322:29:601F	07-347/20:06:11	2ESa
487	348 07:49:30	32			CC7PC	(307) STAR ACQUIRED	AACS		15322:29:602F	07-347/20:06:11	2ECa
488	348 07:49:30	32			CC7GCRP	GYRO C OFF	PWR		15322:29:602F	07-347/20:06:11	2ECp
489	348 07:49:30	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: OFF	AACS		15322:29:602F	07-347/20:06:11	2ESa
490	348 07:49:30	32			CC7GCRP	GYRO C OFF	PWR		15322:29:605F	07-347/20:06:11	2ECp
491	348 07:49:30	32			CC7PC	(372) GYRO C OFF	AACS		15322:29:607F	07-347/20:06:12	2ECa
492	348 07:49:30	32			CC7GBRP	GYRO B OFF	PWR		15322:29:607F	07-347/20:06:12	2ECp
493	348 07:49:30	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: OFF CST : ON GRYO C: OFF	AACS		15322:29:607F	07-347/20:06:12	2ESa
494	348 07:49:30	32			CC7GBRP	GYRO B OFF	PWR		15322:29:609F	07-347/20:06:12	2ECp
495	348 07:49:30	32			CC7PC	(362) GYRO B OFF	AACS		15322:29:611F	07-347/20:06:12	2ECa
496	348 07:49:30	32			CC7GARP	GYRO A OFF	PWR		15322:29:612F	07-347/20:06:12	2ECp
497	348 07:49:31	32			CC7GARP	GYRO A OFF	PWR		15322:29:614F	07-347/20:06:12	2ECp
498	348 07:49:31	32			CC7PC	(352) GYRO A OFF	AACS		15322:29:616F	07-347/20:06:12	2ECa
499	348 07:49:31	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		15322:29:617F	07-347/20:06:12	2ECp
500	348 07:49:31	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		15322:29:619F	07-347/20:06:12	2ECp

FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
501	348 07:49:31	32			CC7PC	(312) DUMMY PWR CMD	AACS		15322:29:621F	07-347/20:06:12	2ECa
502	348 07:56:42	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
503	348 07:56:42	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					22EC
504	348 07:57:55	32				B- YAWDB			15322:40:218F	07-347/20:14:36	2TB
505	348 07:57:55	32				YAWDB - .10			15322:40:218F	07-347/20:14:36	2T
506	348 07:57:55	32			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		15322:40:220F	07-347/20:14:36	2ECa
507	348 07:59:54	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN D/L CARRIER SIG LEVEL					22EC
508	348 08:00:55	32				B- DRCRUS			15322:44:018F	07-347/20:17:36	2TB
509	348 08:00:55	32			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		15322:44:026F	07-347/20:17:37	2ECf
510	348 08:01:42	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	15322:45:001F	07-347/20:18:23	2ESf
511	348 08:01:42	32			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		15322:45:002F	07-347/20:18:23	2ECs
512	348 08:01:43	32				END MAGROLAB32			15322:45:018F	07-347/20:18:24	2T
513	348 08:04:54	32				X BAND LOW POWER			15322:49:001F	07-347/20:21:35	2T
514	348 08:04:54	32			DC2HR	X-BAND TWT LOW POWER	RFS		15322:49:001F	07-347/20:21:35	2ECr
515	348 08:08:55	32			CC1T	BAY 1 HTR ON	PWR		15322:54:001F	07-347/20:25:35	2ECp

FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
516	348 08:08:56	32				END XHIPWR32			15322:54:018F	07-347/20:25:36	2T
517	348 09:10:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-1103					2DP
518	348 12:00:00	32				VGR-32 OWLT IS 11H 49M 37S					2L
519	348 12:44:50	32	40 SET			10.2 DEGREE SET DSC-40					2V
520	348 13:46:32	32			AC7SSB	(3 +000) SS BIAS CONTROL - PITCH	AACS		15329:56:003F	07-348/02:03:11	2ECa
521	348 19:54:04	32	40RISE			10.2 DEGREE RISE DSC-40					2V
522	349 00:00:00	32				VGR-32 OWLT IS 11H 49M 40S					2L
523	349 04:10:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-1104 (D/L ONLY)					2DP
524	349 04:10:00	32				CFG CODES					2DP
525	349 08:29:32	32		ACE ALL		END S/C-32 COMMAND MORATORIUM					2T
526	349 12:00:00	32				VGR-32 OWLT IS 11H 49M 44S					2L
527	349 12:10:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-1104					2DP
528	349 12:40:57	32	40 SET			10.2 DEGREE SET DSC-40					2V
529	349 19:50:13	32	40RISE			10.2 DEGREE RISE DSC-40					2V
530	350 00:00:00	32				VGR-32 OWLT IS 11H 49M 48S					2L
531	350 04:05:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-1105 (D/L ONLY)					2DP
532	350 04:05:00	32				CFG CODES					2DP
533	350 12:00:00	32				VGR-32 OWLT IS 11H 49M 52S					2L
534	350 12:05:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-1105					2DP
535	350 12:37:04	32	40 SET			10.2 DEGREE SET DSC-40					2V
536	350 19:46:23	32	40RISE			10.2 DEGREE RISE DSC-40					2V

FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
537	351 00:00:00	32				VGR-32 OWLT IS 11H 49M 55S					2L
538	351 01:43:39	32			AC7SSB	(4 +179) SS BIAS CONTROL --- YAW	AACS		15404:52:003F	07-350/13:59:59	2ECa
539	351 04:05:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-1106 (D/L ONLY)					2DP
540	351 04:05:00	32				CFG CODES					2DP
541	351 12:00:00	32				VGR-32 OWLT IS 11H 49M 59S					2L
542	351 12:05:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-1106					2DP
543	351 12:33:11	32	40 SET			10.2 DEGREE SET DSC-40					2V
544	351 19:42:33	32	40RISE			10.2 DEGREE RISE DSC-40					2V
545	351 23:10:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-1107 (D/L ONLY)					2DP
546	351 23:10:00	32				CFG CODES					2DP
547	352 00:00:00	32				VGR-32 OWLT IS 11H 50M 02S					2L
548	352 07:10:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-1107					2DP
549	352 12:00:00	32				VGR-32 OWLT IS 11H 50M 06S					2L
550	352 12:29:18	32	40 SET			10.2 DEGREE SET DSC-40					2V
551	352 19:38:43	32	40RISE			10.2 DEGREE RISE DSC-40					2V
552	352 22:40:00	32	43 AOS	OPCH ACE		AOS DSS-43 PASS-1108 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
553	353 00:00:00	32				VGR-32 OWLT IS 11H 50M 09S					2L
554	353 07:10:00	32	43 LOS	OPCH ACE		LOS DSS-43 PASS-1108					2DP
555	353 12:00:00	32				VGR-32 OWLT IS 11H 50M 13S					2L
556	353 12:25:25	32	40 SET			10.2 DEGREE SET DSC-40					2V
557	353 13:57:33	32			AC7SSB	(3 +001) SS BIAS CONTROL - PITCH	AACS		15480:09:003F	07-353/02:13:35	2ECa
558	353 19:34:53	32	40RISE			10.2 DEGREE RISE DSC-40					2V

FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
559	353 23:15:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-1109 (D/L ONLY)					2DP
560	353 23:15:00	32				CFG CODES					2DP
561	354 00:00:00	32				VGR-32 OWLT IS 11H 50M 16S					2L
562	354 07:15:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-1109					2DP
563	354 12:00:00	32				VGR-32 OWLT IS 11H 50M 20S					2L
564	354 12:21:33	32	40 SET			10.2 DEGREE SET DSC-40					2V
565	354 19:31:02	32	40RISE			10.2 DEGREE RISE DSC-40					2V
566	354 21:55:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-1110 (D/L ONLY)					2DP
567	354 21:55:00	32				CFG CODES					2DP
568	355 00:00:00	32				VGR-32 OWLT IS 11H 50M 23S					2L
569	355 05:55:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-1110					2DP
570	355 11:08:57	32			AC7SSB	(4 +178) SS BIAS CONTROL --- YAW	AACS		15536:38:003F	07-354/23:24:47	2ECa
571	355 12:00:00	32				VGR-32 OWLT IS 11H 50M 27S					2L
572	355 12:17:40	32	40 SET			10.2 DEGREE SET DSC-40					2V
573	355 19:27:12	32	40RISE			10.2 DEGREE RISE DSC-40					2V
574	356 00:00:00	32				VGR-32 OWLT IS 11H 50M 30S					2L
575	356 03:20:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-1111 (D/L ONLY)					2DP
576	356 03:20:00	32				CFG CODES					2DP
577	356 11:20:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-1111					2DP
578	356 12:00:00	32				VGR-32 OWLT IS 11H 50M 33S					2L
579	356 12:13:47	32	40 SET			10.2 DEGREE SET DSC-40					2V
580	356 19:23:22	32	40RISE			10.2 DEGREE RISE DSC-40					2V

FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
581	357 00:00:00	32				VGR-32 OWLT IS 11H 50M 37S					2L
582	357 03:20:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-1112 (D/L ONLY)					2DP
583	357 03:20:00	32				CFG CODES					2DP
584	357 11:20:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-1112					2DP
585	357 12:00:00	32				VGR-32 OWLT IS 11H 50M 40S					2L
586	357 12:09:54	32	40 SET			10.2 DEGREE SET DSC-40					2V
587	357 19:19:32	32	40RISE			10.2 DEGREE RISE DSC-40					2V
588	358 00:00:00	32				VGR-32 OWLT IS 11H 50M 43S					2L
589	358 00:30:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-1113 (D/L ONLY)					2DP
590	358 00:30:00	32				CFG CODES					2DP
591	358 08:30:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-1113					2DP
592	358 12:00:00	32				VGR-32 OWLT IS 11H 50M 46S					2L
593	358 12:06:02	32	40 SET			10.2 DEGREE SET DSC-40					2V
594	358 14:08:30	32			AC7SSB	(3 +002) SS BIAS CONTROL - PITCH	AACS		15630:22:003F	07-358/02:23:59	2ECa
595	358 19:15:41	32	40RISE			10.2 DEGREE RISE DSC-40					2V
596	358 21:40:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-1114 (D/L ONLY)					2DP
597	358 21:40:00	32				CFG CODES					2DP
598	359 00:00:00	32				VGR-32 OWLT IS 11H 50M 49S					2L
599	359 05:40:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-1114					2DP
600	359 12:00:00	32				VGR-32 OWLT IS 11H 50M 53S					2L
601	359 12:02:10	32	40 SET			10.2 DEGREE SET DSC-40					2V
602	359 19:11:51	32	40RISE			10.2 DEGREE RISE DSC-40					2V

FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
603	359 20:34:14	32			AC7SSB	(4 +177) SS BIAS CONTROL --- YAW	AACS		15668:24:003F	07-359/08:49:35	2ECa
604	359 23:30:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-1115 (D/L ONLY)					2DP
605	359 23:30:00	32				CFG CODES					2DP
606	360 00:00:00	32				VGR-32 OWLT IS 11H 50M 56S					2L
607	360 07:30:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-1115					2DP
608	360 11:58:17	32	40 SET			10.2 DEGREE SET DSC-40					2V
609	360 12:00:00	32				VGR-32 OWLT IS 11H 50M 59S					2L
610	360 19:08:01	32	40RISE			10.2 DEGREE RISE DSC-40					2V
611	360 21:55:00	32	43 AOS	OPCH ACE		AOS DSS-43 PASS-1116 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
612	361 00:00:00	32				VGR-32 OWLT IS 11H 51M 02S					2L
613	361 06:25:00	32	43 LOS	OPCH ACE		LOS DSS-43 PASS-1116					2DP
614	361 11:54:25	32	40 SET			10.2 DEGREE SET DSC-40					2V
615	361 12:00:00	32				VGR-32 OWLT IS 11H 51M 05S					2L
616	361 19:04:11	32	40RISE			10.2 DEGREE RISE DSC-40					2V
617	361 21:30:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-1117 (D/L ONLY)					2DP
618	361 21:30:00	32				CFG CODES					2DP
619	362 00:00:00	32				VGR-32 OWLT IS 11H 51M 08S					2L
620	362 05:30:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-1117					2DP
621	362 11:50:33	32	40 SET			10.2 DEGREE SET DSC-40					2V
622	362 12:00:00	32				VGR-32 OWLT IS 11H 51M 11S					2L
623	362 19:00:20	32	40RISE			10.2 DEGREE RISE DSC-40					2V
624	363 00:00:00	32				VGR-32 OWLT IS 11H 51M 14S					2L

FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
625	363 01:10:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-1118 (D/L ONLY)					2DP
626	363 01:10:00	32				CFG CODES					2DP
627	363 09:10:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-1118					2DP
628	363 11:46:40	32	40 SET			10.2 DEGREE SET DSC-40					2V
629	363 12:00:00	32				VGR-32 OWLT IS 11H 51M 17S					2L
630	363 14:19:24	32			AC7SSB	(3 +003) SS BIAS CONTROL - PITCH	AACS		15780:35:003F	07-363/02:34:23	2ECa
631	363 18:56:30	32	40RISE			10.2 DEGREE RISE DSC-40					2V
632	364 00:00:00	32				VGR-32 OWLT IS 11H 51M 19S					2L
633	364 01:50:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-1119 (D/L ONLY)					2DP
634	364 01:50:00	32				CFG CODES					2DP
635	364 05:59:28	32			AC7SSB	(4 +176) SS BIAS CONTROL --- YAW	AACS		15800:10:003F	07-363/18:14:23	2ECa
636	364 09:50:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-1119					2DP
637	364 11:42:48	32	40 SET			10.2 DEGREE SET DSC-40					2V
638	364 12:00:00	32				VGR-32 OWLT IS 11H 51M 22S					2L
639	364 18:52:40	32	40RISE			10.2 DEGREE RISE DSC-40					2V
640	365 00:00:00	32				VGR-32 OWLT IS 11H 51M 25S					2L
641	365 00:30:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-1120 (D/L ONLY)					2DP
642	365 00:30:00	32				CFG CODES					2DP
643	365 08:30:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-1120					2DP
644	365 11:38:56	32	40 SET			10.2 DEGREE SET DSC-40					2V
645	365 12:00:00	32				VGR-32 OWLT IS 11H 51M 28S					2L
646	365 18:48:49	32	40RISE			10.2 DEGREE RISE DSC-40					2V

FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
647	365 21:15:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-1121 (D/L ONLY)					2DP
648	365 21:15:00	32				CFG CODES					2DP
649	001 00:00:00	32				VGR-32 OWLT IS 11H 51M 31S					2L
650	001 05:15:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-1121					2DP
651	001 11:35:04	32	40 SET			10.2 DEGREE SET DSC-40					2V
652	001 12:00:00	32				VGR-32 OWLT IS 11H 51M 33S					2L
653	001 18:44:59	32	40RISE			10.2 DEGREE RISE DSC-40					2V
654	001 21:25:00	32	43 AOS	OPCH ACE		AOS DSS-43 PASS-1122 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
655	002 00:00:00	32				VGR-32 OWLT IS 11H 51M 36S					2L
656	002 05:55:00	32	43 LOS	OPCH ACE		LOS DSS-43 PASS-1122					2DP
657	002 11:31:12	32	40 SET			10.2 DEGREE SET DSC-40					2V
658	002 12:00:00	32				VGR-32 OWLT IS 11H 51M 38S					2L
659	002 18:41:09	32	40RISE			10.2 DEGREE RISE DSC-40					2V
660	003 00:00:00	32				VGR-32 OWLT IS 11H 51M 41S					2L
661	003 00:30:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-1123 (D/L ONLY)					2DP
662	003 00:30:00	32				CFG CODES					2DP
663	003 08:30:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-1123					2DP
664	003 11:27:20	32	40 SET			10.2 DEGREE SET DSC-40					2V
665	003 12:00:00	32				VGR-32 OWLT IS 11H 51M 44S					2L
666	003 14:30:15	32			AC7SSB	(3 +004) SS BIAS CONTROL - PITCH	AACS		15930:48:003F	08-003/02:44:47	2ECa
667	003 15:24:39	32			AC7SSB	(4 +175) SS BIAS CONTROL --- YAW	AACS		15931:56:003F	08-003/03:39:11	2ECa
668	003 18:37:18	32	40RISE			10.2 DEGREE RISE DSC-40					2V

FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
669	003 21:00:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-1124 (D/L ONLY)					2DP
670	003 21:00:00	32				CFG CODES					2DP
671	004 00:00:00	32				VGR-32 OWLT IS 11H 51M 46S					2L
672	004 05:00:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-1124					2DP
673	004 11:23:28	32	40 SET			10.2 DEGREE SET DSC-40					2V
674	004 12:00:00	32				VGR-32 OWLT IS 11H 51M 49S					2L
675	004 18:33:28	32	40RISE			10.2 DEGREE RISE DSC-40					2V
676	004 21:00:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-1125 (D/L ONLY)					2DP
677	004 21:00:00	32				CFG CODES					2DP
678	005 00:00:00	32				VGR-32 OWLT IS 11H 51M 51S					2L
679	005 05:00:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-1125					2DP
680	005 11:19:37	32	40 SET			10.2 DEGREE SET DSC-40					2V
681	005 12:00:00	32				VGR-32 OWLT IS 11H 51M 54S					2L
682	005 18:29:37	32	40RISE			10.2 DEGREE RISE DSC-40					2V
683	006 00:00:00	32				VGR-32 OWLT IS 11H 51M 56S					2L
684	006 01:50:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-1126 (D/L ONLY)					2DP
685	006 01:50:00	32				CFG CODES					2DP
686	006 09:50:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-1126					2DP
687	006 11:15:45	32	40 SET			10.2 DEGREE SET DSC-40					2V
688	006 12:00:00	32				VGR-32 OWLT IS 11H 51M 58S					2L
689	006 18:25:47	32	40RISE			10.2 DEGREE RISE DSC-40					2V
690	007 00:00:00	32				VGR-32 OWLT IS 11H 52M 01S					2L

FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
691	007 00:30:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-1127 (D/L ONLY)					2DP
692	007 00:30:00	32				CFG CODES					2DP
693	007 08:30:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-1127					2DP
694	007 11:11:53	32	40 SET			10.2 DEGREE SET DSC-40					2V
695	007 12:00:00	32				VGR-32 OWLT IS 11H 52M 03S					2L
696	007 18:21:56	32	40RISE			10.2 DEGREE RISE DSC-40					2V
697	008 00:00:00	32				VGR-32 OWLT IS 11H 52M 05S					2L
698	008 00:30:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-1128 (D/L ONLY)					2DP
699	008 00:30:00	32				CFG CODES					2DP
700	008 00:49:49	32			AC7SSB	(4 +174) SS BIAS CONTROL --- YAW	AACS		16063:42:003F	08-007/13:03:59	2ECa
701	008 08:30:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-1128					2DP
702	008 11:08:02	32	40 SET			10.2 DEGREE SET DSC-40					2V
703	008 12:00:00	32				VGR-32 OWLT IS 11H 52M 08S					2L
704	008 14:41:03	32			AC7SSB	(3 +005) SS BIAS CONTROL - PITCH	AACS		16081:01:003F	08-008/02:55:11	2ECa
705	008 18:18:06	32	40RISE			10.2 DEGREE RISE DSC-40					2V
706	008 23:10:00	32	43 AOS	OPCH ACE		AOS DSS-43 PASS-1129 (D/L ONLY)					2DP
707	008 23:10:00	32				CFG CODES					2DP
708	009 00:00:00	32				VGR-32 OWLT IS 11H 52M 10S					2L
709	009 00:04:05	32		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESF
710	009 00:04:05	32		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					22EC

FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
724	009 03:36:17	32			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		16097:10:010F	08-008/15:50:24	2ECf
725	009 03:37:05	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	16097:11:001F	08-008/15:51:11	2ESf
726	009 03:37:05	32			CC3A	(32310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		16097:11:002F	08-008/15:51:11	2ECs
727	009 03:37:06	32				END PMPCALLR			16097:11:018F	08-008/15:51:12	2T
728	009 07:10:00	32	43 LOS	OPCH ACE		LOS DSS-43 PASS-1129					2DP
729	009 11:04:10	32	40 SET			10.2 DEGREE SET DSC-40					2V
730	009 12:00:00	32				VGR-32 OWLT IS 11H 52M 12S					2L
731	009 18:14:15	32	40RISE			10.2 DEGREE RISE DSC-40					2V
732	010 00:00:00	32				VGR-32 OWLT IS 11H 52M 14S					2L
733	010 00:30:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-1130 (D/L ONLY)					2DP
734	010 00:30:00	32				CFG CODES					2DP
735	010 08:30:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-1130					2DP
736	010 11:00:19	32	40 SET			10.2 DEGREE SET DSC-40					2V
737	010 12:00:00	32				VGR-32 OWLT IS 11H 52M 16S					2L
738	010 18:10:25	32	40RISE			10.2 DEGREE RISE DSC-40					2V
739	011 00:00:00	32				VGR-32 OWLT IS 11H 52M 18S					2L
740	011 00:58:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-1131 (D/L ONLY)					2DP

FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
741	011 00:58:00	32				CFG CODES					2DP
742	011 08:58:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-1131					2DP
743	011 10:56:27	32	40 SET			10.2 DEGREE SET DSC-40					2V
744	011 12:00:00	32				VGR-32 OWLT IS 11H 52M 20S					2L
745	011 18:06:34	32	40RISE			10.2 DEGREE RISE DSC-40					2V
746	012 00:00:00	32				VGR-32 OWLT IS 11H 52M 22S					2L
747	012 00:45:00	32	43 AOS	OPCH ACE		AOS DSS-43 PASS-1132 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
748	012 04:45:00	32	43 LOS	OPCH ACE		LOS DSS-43 PASS-1132					2DP
749	012 10:14:55	32			AC7SSB	(4 +173) SS BIAS CONTROL --- YAW	AACS		16195:28:002F	08-011/22:28:47	2ECa
750	012 10:52:36	32	40 SET			10.2 DEGREE SET DSC-40					2V
751	012 12:00:00	32				VGR-32 OWLT IS 11H 52M 24S					2L
752	012 18:02:43	32	40RISE			10.2 DEGREE RISE DSC-40					2V
753	012 21:00:00	32	34 AOS	OPCH ACE		AOS DSS-34 PASS-1133 (D/L ONLY)					2DP
754	012 21:00:00	32				CFG CODES					2DP
755	013 00:00:00	32				VGR-32 OWLT IS 11H 52M 26S					2L
756	013 05:00:00	32	34 LOS	OPCH ACE		LOS DSS-34 PASS-1133					2DP
757	013 10:48:45	32	40 SET			10.2 DEGREE SET DSC-40					2V
758	013 12:00:00	32				VGR-32 OWLT IS 11H 52M 28S					2L
759	013 14:51:48	32			AC7SSB	(3 +006) SS BIAS CONTROL - PITCH	AACS		16231:14:002F	08-013/03:05:35	2ECa
760	013 17:58:52	32	40RISE			10.2 DEGREE RISE DSC-40					2V
761	013 18:30:00	32	45 AOS	OPCH ACE		AOS DSS-45 PASS-1134 (D/L ONLY)					2DP

FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
762	013 18:30:00	32				CFG CODES					2DP
763	014 00:00:00	32				VGR-32 OWLT IS 11H 52M 30S					2L
764	014 02:30:00	32	45 LOS	OPCH ACE		LOS DSS-45 PASS-1134					2DP
765	014 08:31:51	32			AC7SSB	(4 +172) SS BIAS CONTROL --- YAW	AACS		16253:19:003F	08-013/20:45:35	2ECa
766	014 10:44:53	32	40 SET			10.2 DEGREE SET DSC-40					2V
767	014 12:00:00	32				VGR-32 OWLT IS 11H 52M 32S					2L
768	014 17:55:02	32	40RISE			10.2 DEGREE RISE DSC-40					2V
769	015 00:00:00	32				VGR-32 OWLT IS 11H 52M 34S					2L
770	015 10:41:02	32	40 SET			10.2 DEGREE SET DSC-40					2V
771	015 12:00:00	32				VGR-32 OWLT IS 11H 52M 36S					2L
772	015 17:51:11	32	40RISE			10.2 DEGREE RISE DSC-40					2V
773	016 00:00:00	32				VGR-32 OWLT IS 11H 52M 37S					2L
774	016 10:37:11	32	40 SET			10.2 DEGREE SET DSC-40					2V
775	016 12:00:00	32				VGR-32 OWLT IS 11H 52M 39S					2L
776	016 17:47:20	32	40RISE			10.2 DEGREE RISE DSC-40					2V
777	017 00:00:00	32				VGR-32 OWLT IS 11H 52M 41S					2L
778	017 10:33:20	32	40 SET			10.2 DEGREE SET DSC-40					2V
779	017 12:00:00	32				VGR-32 OWLT IS 11H 52M 43S					2L
780	017 17:43:29	32	40RISE			10.2 DEGREE RISE DSC-40					2V
781	018 00:00:00	32				VGR-32 OWLT IS 11H 52M 44S					2L
782	018 04:52:52	32			AC7SSB	(4 +171) SS BIAS CONTROL --- YAW	AACS		16368:45:003F	08-017/17:06:23	2ECa
783	018 10:29:29	32	40 SET			10.2 DEGREE SET DSC-40					2V
784	018 12:00:00	32				VGR-32 OWLT IS 11H 52M 46S					2L

FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
785	018 17:39:38	32	40RISE			10.2 DEGREE RISE DSC-40					2V
786	019 00:00:00	32				VGR-32 OWLT IS 11H 52M 47S					2L
787	019 10:25:37	32	40 SET			10.2 DEGREE SET DSC-40					2V
788	019 12:00:00	32				VGR-32 OWLT IS 11H 52M 49S					2L
789	019 17:35:47	32	40RISE			10.2 DEGREE RISE DSC-40					2V
790	020 00:00:00	32				VGR-32 OWLT IS 11H 52M 50S					2L
791	020 10:21:46	32	40 SET			10.2 DEGREE SET DSC-40					2V
792	020 12:00:00	32				VGR-32 OWLT IS 11H 52M 52S					2L
793	020 17:31:56	32	40RISE			10.2 DEGREE RISE DSC-40					2V
794	021 00:00:00	32				VGR-32 OWLT IS 11H 52M 53S					2L
795	021 10:17:56	32	40 SET			10.2 DEGREE SET DSC-40					2V
796	021 12:00:00	32				VGR-32 OWLT IS 11H 52M 55S					2L
797	021 17:28:05	32	40RISE			10.2 DEGREE RISE DSC-40					2V
798	021 18:05:50	32			AC7SSB	(3 +007) SS BIAS CONTROL - PITCH	AACS		16475:16:003F	08-021/06:19:11	2ECa
799	022 00:00:00	32				VGR-32 OWLT IS 11H 52M 56S					2L
800	022 01:13:51	32			AC7SSB	(4 +170) SS BIAS CONTROL --- YAW	AACS		16484:11:003F	08-021/13:27:11	2ECa
801	022 10:14:05	32	40 SET			10.2 DEGREE SET DSC-40					2V
802	022 12:00:00	32				VGR-32 OWLT IS 11H 52M 57S					2L
803	022 17:24:14	32	40RISE			10.2 DEGREE RISE DSC-40					2V
804	023 00:00:00	32				VGR-32 OWLT IS 11H 52M 59S					2L
805	023 10:10:14	32	40 SET			10.2 DEGREE SET DSC-40					2V
806	023 12:00:00	32				VGR-32 OWLT IS 11H 53M 00S					2L
807	023 17:20:22	32	40RISE			10.2 DEGREE RISE DSC-40					2V

FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
808	024 00:00:00	32				VGR-32 OWLT IS 11H 53M 01S					2L
809	024 10:06:23	32	40 SET			10.2 DEGREE SET DSC-40					2V
810	024 12:00:00	32				VGR-32 OWLT IS 11H 53M 03S					2L
811	024 17:16:31	32	40RISE			10.2 DEGREE RISE DSC-40					2V
812	025 00:00:00	32				VGR-32 OWLT IS 11H 53M 04S					2L
813	025 10:02:32	32	40 SET			10.2 DEGREE SET DSC-40					2V
814	025 12:00:00	32				VGR-32 OWLT IS 11H 53M 05S					2L
815	025 17:12:40	32	40RISE			10.2 DEGREE RISE DSC-40					2V
816	025 21:34:49	32			AC7SSB	(4 +169) SS BIAS CONTROL --- YAW	AACS		16599:37:003F	08-025/09:47:59	2ECa
817	026 00:00:00	32				VGR-32 OWLT IS 11H 53M 06S					2L
818	026 09:58:41	32	40 SET			10.2 DEGREE SET DSC-40					2V
819	026 12:00:00	32				VGR-32 OWLT IS 11H 53M 07S					2L
820	026 17:08:48	32	40RISE			10.2 DEGREE RISE DSC-40					2V
821	027 00:00:00	32				VGR-32 OWLT IS 11H 53M 08S					2L
822	027 09:54:50	32	40 SET			10.2 DEGREE SET DSC-40					2V
823	027 12:00:00	32				VGR-32 OWLT IS 11H 53M 09S					2L
824	027 17:04:57	32	40RISE			10.2 DEGREE RISE DSC-40					2V
825	028 00:00:00	32				VGR-32 OWLT IS 11H 53M 10S					2L
826	028 09:51:00	32	40 SET			10.2 DEGREE SET DSC-40					2V
827	028 12:00:00	32				VGR-32 OWLT IS 11H 53M 11S					2L
828	028 17:01:05	32	40RISE			10.2 DEGREE RISE DSC-40					2V
829	029 00:00:00	32				VGR-32 OWLT IS 11H 53M 12S					2L
830	029 09:47:09	32	40 SET			10.2 DEGREE SET DSC-40					2V

FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT 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	029 12:00:00	32				VGR-32 OWLT IS 11H 53M 13S					2L
832	029 16:57:14	32	40RISE			10.2 DEGREE RISE DSC-40					2V
833	029 17:55:45	32			AC7SSB	(4 +168) SS BIAS CONTROL --- YAW	AACS		16715:03:003F	08-029/06:08:47	2ECa
834	030 00:00:00	32				VGR-32 OWLT IS 11H 53M 14S					2L
835	030 09:43:18	32	40 SET			10.2 DEGREE SET DSC-40					2V
836	030 12:00:00	32				VGR-32 OWLT IS 11H 53M 15S					2L
837	030 15:12:34	32			AC7SSB	(3 +008) SS BIAS CONTROL - PITCH	AACS		16741:39:003F	08-030/03:25:35	2ECa
838	030 16:53:22	32	40RISE			10.2 DEGREE RISE DSC-40					2V
839	031 00:00:00	32				VGR-32 OWLT IS 11H 53M 16S					2L
840	031 09:39:28	32	40 SET			10.2 DEGREE SET DSC-40					2V
841	031 12:00:00	32				VGR-32 OWLT IS 11H 53M 17S					2L
842	031 16:49:30	32	40RISE			10.2 DEGREE RISE DSC-40					2V
843	032 00:00:00	32				VGR-32 OWLT IS 11H 53M 17S					2L
844	032 09:35:37	32	40 SET			10.2 DEGREE SET DSC-40					2V
845	032 12:00:00	32				VGR-32 OWLT IS 11H 53M 18S					2L
846	032 16:45:38	32	40RISE			10.2 DEGREE RISE DSC-40					2V
847	033 00:00:00	32				VGR-32 OWLT IS 11H 53M 19S					2L
848	033 09:31:47	32	40 SET			10.2 DEGREE SET DSC-40					2V
849	033 12:00:00	32				VGR-32 OWLT IS 11H 53M 20S					2L
850	033 14:16:39	32			AC7SSB	(4 +167) SS BIAS CONTROL --- YAW	AACS		16830:29:003F	08-033/02:29:35	2ECa
851	033 16:41:47	32	40RISE			10.2 DEGREE RISE DSC-40					2V
852	034 00:00:00	32				VGR-32 OWLT IS 11H 53M 20S					2L
853	034 09:27:56	32	40 SET			10.2 DEGREE SET DSC-40					2V

FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
854	034 12:00:00	32				VGR-32 OWLT IS 11H 53M 21S					2L
855	034 16:37:55	32	40RISE			10.2 DEGREE RISE DSC-40					2V
856	035 00:00:00	32				VGR-32 OWLT IS 11H 53M 21S					2L
857	035 09:24:06	32	40 SET			10.2 DEGREE SET DSC-40					2V
858	035 12:00:00	32				VGR-32 OWLT IS 11H 53M 22S					2L
859	035 16:34:03	32	40RISE			10.2 DEGREE RISE DSC-40					2V
860	036 00:00:00	32				VGR-32 OWLT IS 11H 53M 23S					2L
861	036 09:20:15	32	40 SET			10.2 DEGREE SET DSC-40					2V
862	036 12:00:00	32				VGR-32 OWLT IS 11H 53M 23S					2L
863	036 16:30:11	32	40RISE			10.2 DEGREE RISE DSC-40					2V
864	036 22:29:19	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
865	036 22:29:19	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=32 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					22EC
866	036 22:29:31	32				BEGIN PMPCALLR			16930:45:001F	08-036/10:42:23	2T
867	036 22:33:31	32				B- DRCR5T			16930:50:001F	08-036/10:46:23	2TB
868	036 22:33:31	32			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		16930:50:009F	08-036/10:46:24	2ECf
869	036 22:34:19	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	16930:51:001F	08-036/10:47:11	2ESf

FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
883	037 02:02:20	32				END PMPCALLR			16935:11:018F	08-036/14:15:12	2T
884	037 09:16:25	32	40 SET			10.2 DEGREE SET DSC-40					2V
885	037 10:37:31	32			AC7SSB	(4 +166) SS BIAS CONTROL --- YAW	AACS		16945:55:003F	08-036/22:50:23	2ECa
886	037 12:00:00	32				VGR-32 OWLT IS 11H 53M 24S					2L
887	037 16:26:18	32	40RISE			10.2 DEGREE RISE DSC-40					2V
888	038 00:00:00	32				VGR-32 OWLT IS 11H 53M 24S					2L
889	038 09:12:34	32	40 SET			10.2 DEGREE SET DSC-40					2V
890	038 12:00:00	32				VGR-32 OWLT IS 11H 53M 25S					2L
891	038 16:22:26	32	40RISE			10.2 DEGREE RISE DSC-40					2V
892	039 00:00:00	32				VGR-32 OWLT IS 11H 53M 25S					2L
893	039 09:08:44	32	40 SET			10.2 DEGREE SET DSC-40					2V
894	039 12:00:00	32				VGR-32 OWLT IS 11H 53M 26S					2L
895	039 12:19:09	32			AC7SSB	(3 +009) SS BIAS CONTROL - PITCH	AACS		17008:02:002F	08-039/00:31:59	2ECa
896	039 16:18:34	32	40RISE			10.2 DEGREE RISE DSC-40					2V
897	040 00:00:00	32				VGR-32 OWLT IS 11H 53M 26S					2L
898	040 09:04:53	32	40 SET			10.2 DEGREE SET DSC-40					2V
899	040 12:00:00	32				VGR-32 OWLT IS 11H 53M 26S					2L
900	040 16:14:41	32	40RISE			10.2 DEGREE RISE DSC-40					2V
901	041 00:00:00	32				VGR-32 OWLT IS 11H 53M 26S					2L
902	041 06:58:22	32			AC7SSB	(4 +165) SS BIAS CONTROL --- YAW	AACS		17061:21:003F	08-040/19:11:11	2ECa
903	041 09:01:03	32	40 SET			10.2 DEGREE SET DSC-40					2V
904	041 12:00:00	32				VGR-32 OWLT IS 11H 53M 27S					2L
905	041 16:10:49	32	40RISE			10.2 DEGREE RISE DSC-40					2V

FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
906	042 00:00:00	32				VGR-32 OWLT IS 11H 53M 27S					2L
907	042 08:57:13	32	40 SET			10.2 DEGREE SET DSC-40					2V
908	042 12:00:00	32				VGR-32 OWLT IS 11H 53M 27S					2L
909	042 16:06:56	32	40RISE			10.2 DEGREE RISE DSC-40					2V
910	043 00:00:00	32				VGR-32 OWLT IS 11H 53M 27S					2L
911	043 08:53:22	32	40 SET			10.2 DEGREE SET DSC-40					2V
912	043 12:00:00	32				VGR-32 OWLT IS 11H 53M 27S					2L
913	043 16:03:04	32	40RISE			10.2 DEGREE RISE DSC-40					2V
914	044 00:00:00	32				VGR-32 OWLT IS 11H 53M 27S					2L
915	044 08:49:32	32	40 SET			10.2 DEGREE SET DSC-40					2V
916	044 12:00:00	32				VGR-32 OWLT IS 11H 53M 28S					2L
917	044 15:59:11	32	40RISE			10.2 DEGREE RISE DSC-40					2V
918	045 00:00:00	32				VGR-32 OWLT IS 11H 53M 28S					2L
919	045 03:19:11	32			AC7SSB	(4 +164) SS BIAS CONTROL --- YAW	AACS		17176:47:003F	08-044/15:31:59	2ECa
920	045 08:45:41	32	40 SET			10.2 DEGREE SET DSC-40					2V
921	045 12:00:00	32				VGR-32 OWLT IS 11H 53M 28S					2L
922	045 15:55:18	32	40RISE			10.2 DEGREE RISE DSC-40					2V
923	046 00:00:00	32				VGR-32 OWLT IS 11H 53M 28S					2L
924	046 08:41:51	32	40 SET			10.2 DEGREE SET DSC-40					2V
925	046 12:00:00	32				VGR-32 OWLT IS 11H 53M 28S					2L
926	046 15:51:25	32	40RISE			10.2 DEGREE RISE DSC-40					2V
927	047 00:00:00	32				VGR-32 OWLT IS 11H 53M 28S					2L
928	047 08:38:01	32	40 SET			10.2 DEGREE SET DSC-40					2V

FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
929	047 12:00:00	32				VGR-32 OWLT IS 11H 53M 27S					2L
930	047 15:47:32	32	40RISE			10.2 DEGREE RISE DSC-40					2V
931	048 00:00:00	32				VGR-32 OWLT IS 11H 53M 27S					2L
932	048 08:34:10	32	40 SET			10.2 DEGREE SET DSC-40					2V
933	048 12:00:00	32				VGR-32 OWLT IS 11H 53M 27S					2L
934	048 15:43:39	32	40RISE			10.2 DEGREE RISE DSC-40					2V
935	048 23:39:58	32			AC7SSB	(4 +163) SS BIAS CONTROL --- YAW	AACS		17292:13:003F	08-048/11:52:47	2ECa
936	049 00:00:00	32				VGR-32 OWLT IS 11H 53M 27S					2L
937	049 08:30:20	32	40 SET			10.2 DEGREE SET DSC-40					2V
938	049 11:32:10	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
939	049 11:37:10	32					DTR		17307:09:405F	08-048/23:50:00	2ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:0550					
940	049 11:37:10	32		ACE OPCH			FDS	CR-5T	17307:09:405F	08-048/23:50:00	2ESf
						FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11					
941	049 12:00:00	32				VGR-32 OWLT IS 11H 53M 27S					2L
942	049 15:39:46	32	40RISE			10.2 DEGREE RISE DSC-40					2V
943	049 20:59:34	32				B139 UPLINK			17318:52:401F	08-049/09:12:23	2T
944	049 21:29:33	32				FINAL SPACECRAFT STATUS			17319:29:788F	08-049/09:42:23	2TI
945	049 21:29:33	32				RADIO STATUS			17319:29:788F	08-049/09:42:23	2TI
946	049 21:29:33	32			DC2AR	S-BAND RANGING OFF			17319:29:788F	08-049/09:42:23	2TI
947	049 21:29:33	32			DC2DR	S-BAND LO PWR			17319:29:788F	08-049/09:42:23	2TI

FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
948	049 21:29:33	32			DC2HR	X-BAND LO PWR			17319:29:788F	08-049/09:42:23	2TI
949	049 21:29:33	32			DC2N	X-BAND RANGING ON			17319:29:788F	08-049/09:42:23	2TI
950	049 21:29:33	32			DC2P	2 WAY NON-COHERENT ON			17319:29:788F	08-049/09:42:23	2TI
951	049 21:29:33	32			DC2Q	USO ON			17319:29:788F	08-049/09:42:23	2TI
952	049 21:29:33	32			CC2BRP	S-BAND EXC-2 SEL			17319:29:788F	08-049/09:42:23	2TI
953	049 21:29:33	32			CC2CP	S-BAND TRANS-1 SEL			17319:29:788F	08-049/09:42:23	2TI
954	049 21:29:33	32			CC2FRP	RCVR-2 SEL			17319:29:788F	08-049/09:42:23	2TI
955	049 21:29:33	32			CC2JRP	X-BAND EXC-2 SEL			17319:29:788F	08-049/09:42:23	2TI
956	049 21:29:33	32			CC2GP	X-BAND ON			17319:29:788F	08-049/09:42:23	2TI
957	049 21:29:33	32			CC2KRP	S-BAND OFF			17319:29:788F	08-049/09:42:23	2TI
958	049 21:29:33	32			CC2LP	X-BAND TWTA-1 SEL			17319:29:788F	08-049/09:42:23	2TI
959	049 21:29:33	32			CC2MP	S-BAND EXC ON			17319:29:788F	08-049/09:42:23	2TI
960	049 21:29:33	32			DC2E	HGA SELECT			17319:29:788F	08-049/09:42:23	2TI
961	049 21:29:33	32			CC1T	BAY 1 HTR ON			17319:29:788F	08-049/09:42:23	2TI
962	049 21:29:33	32				MDS STATUS			17319:29:788F	08-049/09:42:23	2TI
963	049 21:29:33	32			CC3BP	TMU ON			17319:29:788F	08-049/09:42:23	2TI
964	049 21:29:33	32			CC3GP	TMU-A SEL			17319:29:788F	08-049/09:42:23	2TI
965	049 21:29:33	32			CC3HRP	CDU-B SEL			17319:29:788F	08-049/09:42:23	2TI
966	049 21:29:33	32			CC3A	32310 X-BAND			17319:29:788F	08-049/09:42:23	2TI
967	049 21:29:33	32			CC3A	28311 S-BAND			17319:29:788F	08-049/09:42:23	2TI
968	049 21:29:33	32				POWER STATUS			17319:29:788F	08-049/09:42:23	2TI
969	049 21:29:33	32			CC4A	UNDERVOLTAGE TRIP RESET			17319:29:788F	08-049/09:42:23	2TI
970	049 21:29:33	32			CC4K	RTG-1 DIODE BYPASS ON			17319:29:788F	08-049/09:42:23	2TI

FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
971	049 21:29:33	32			CC4L	RTG-2 DIODE BYPASS ON			17319:29:788F	08-049/09:42:23	2TI
972	049 21:29:33	32			CC4M	RTG-3 DIODE BYPASS ON			17319:29:788F	08-049/09:42:23	2TI
973	049 21:29:33	32				CCS STATUS			17319:29:788F	08-049/09:42:23	2TI
974	049 21:29:33	32			DC5AR	CCS TOL DET ENABLE			17319:29:788F	08-049/09:42:23	2TI
975	049 21:29:33	32				FDS STATUS			17319:29:788F	08-049/09:42:23	2TI
976	049 21:29:33	32			CC6CP	FDS ON/ISS PWR ENABLE			17319:29:788F	08-049/09:42:23	2TI
977	049 21:29:33	32			CC6AA	0 SVC-W1			17319:29:788F	08-049/09:42:23	2TI
978	049 21:29:33	32			CC6AD	2210 SVC-W4			17319:29:788F	08-049/09:42:23	2TI
979	049 21:29:33	32			CC6AE	30003 SVC-W5			17319:29:788F	08-049/09:42:23	2TI
980	049 21:29:33	32			CC6AP	FDS PWR CONV A SEL			17319:29:788F	08-049/09:42:23	2TI
981	049 21:29:33	32			CC6AB	01110 SVC-W2			17319:29:788F	08-049/09:42:23	2TI
982	049 21:29:33	32			SC06BB	530070 FDS DATA MODE			17319:29:788F	08-049/09:42:23	2TI
983	049 21:29:33	32				AACS STATUS			17319:29:788F	08-049/09:42:23	2TI
984	049 21:29:33	32			AC7PCG	14 HYBIC 2 PWR ON			17319:29:788F	08-049/09:42:23	2TI
985	049 21:29:33	32			CC7ML	05 CST ON			17319:29:788F	08-049/09:42:23	2TI
986	049 21:29:33	32			AC7CTG	10 376 CST HI GATE			17319:29:788F	08-049/09:42:23	2TI
987	049 21:29:33	32			AC7CTG	11 422 CST LO GATE			17319:29:788F	08-049/09:42:23	2TI
988	049 21:29:33	32			AC7GYP	111 GYRO PATTERN			17319:29:788F	08-049/09:42:23	2TI
989	049 21:29:33	32			AC7PCG	52 GYRO A OFF			17319:29:788F	08-049/09:42:23	2TI
990	049 21:29:33	32			AC7PCG	62 GYRO B OFF			17319:29:788F	08-049/09:42:23	2TI
991	049 21:29:33	32			AC7PCG	72 GYRO C OFF			17319:29:788F	08-049/09:42:23	2TI
992	049 21:29:33	32			AC7DDB	000480 DEAD BAND CONTROL			17319:29:788F	08-049/09:42:23	2TI
993	049 21:29:33	32			AC7PAR	7530 000000 GYRO OFF NORM			17319:29:788F	08-049/09:42:23	2TI

FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
994	049 21:29:33	32			AC7PAR	6740 000740 PITCH DEADBAND			17319:29:788F	08-049/09:42:23	2TI
995	049 21:29:33	32			AC7PAR	6741 001700 YAW DEADBAND			17319:29:788F	08-049/09:42:23	2TI
996	049 21:29:33	32			AC7PAR	6742 004540 ROLL DEADBAND			17319:29:788F	08-049/09:42:23	2TI
997	049 21:29:33	32			DEADBAND	DEAD BAND STATE: 05 10 25			17319:29:788F	08-049/09:42:23	2TI
998	049 21:29:33	32			CC7SS	1 AACS TO RAI			17319:29:788F	08-049/09:42:23	2TI
999	049 21:29:33	32			CC7CT	03 CST CONE ANGLE 3			17319:29:788F	08-049/09:42:23	2TI
1000	049 21:29:33	32			CC7AHRP	SS HTR A OFF			17319:29:788F	08-049/09:42:23	2TI
1001	049 21:29:33	32			CC7BHP	SS HTR B ON			17319:29:788F	08-049/09:42:23	2TI
1002	049 21:29:33	32			CC7ML	01 FDS CHAN A			17319:29:788F	08-049/09:42:23	2TI
1003	049 21:29:33	32			CC7ML	09 TCAPU FAULT ENA			17319:29:788F	08-049/09:42:23	2TI
1004	049 21:29:33	32			AC7PCG	61 AACS BAY 6 HTR A OFF			17319:29:788F	08-049/09:42:23	2TI
1005	049 21:29:33	32			AC7PCG	71 AACS BAY 6 HTR B OFF			17319:29:788F	08-049/09:42:23	2TI
1006	049 21:29:33	32			CC7MMRP	PROC/MEM 2 SELECT			17319:29:788F	08-049/09:42:23	2TI
1007	049 21:29:33	32			CC7SHRP	AZ SCAN ACTUATOR HTR OFF			17319:29:788F	08-049/09:42:23	2TI
1008	049 21:29:33	32			AC7PCG	22 CST SUN SHUTTER OFF			17319:29:788F	08-049/09:42:23	2TI
1009	049 21:29:33	32			AC7PCG	10 ISO VALVE BRANCH 1 OFF			17319:29:788F	08-049/09:42:23	2TI
1010	049 21:29:33	32			AC7PCG	20 ISO VALVE BRANCH 2 OFF			17319:29:788F	08-049/09:42:23	2TI
1011	049 21:29:33	32			CC1PHRP	SCAN PLAT SUPL HTR OFF			17319:29:788F	08-049/09:42:23	2TI
1012	049 21:29:33	32			CC77MRP	MAM OFF			17319:29:788F	08-049/09:42:23	2TI
1013	049 21:29:33	32			DC77PR	NON-PRIME FCP/MEM OFF			17319:29:788F	08-049/09:42:23	2TI
1014	049 21:29:33	32			DC77XR	MAM COMMAND DISABLE			17319:29:788F	08-049/09:42:23	2TI
1015	049 21:29:33	32				PYRO STATUS			17319:29:788F	08-049/09:42:23	2TI
1016	049 21:29:33	32			CC8D	PSU INSTRUMENTATION ON			17319:29:788F	08-049/09:42:23	2TI

FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1017	049 21:29:33	32			DC8XR	PYRO DISABLE			17319:29:788F	08-049/09:42:23	2TI
1018	049 21:29:33	32				PROPULSION STATUS			17319:29:788F	08-049/09:42:23	2TI
1019	049 21:29:33	32			CC10CRP	TCM HTR OFF			17319:29:788F	08-049/09:42:23	2TI
1020	049 21:29:33	32			CC10DR	AP BR1 HTR OFF			17319:29:788F	08-049/09:42:23	2TI
1021	049 21:29:33	32			CC10E	AP BR2 HTR ON			17319:29:788F	08-049/09:42:23	2TI
1022	049 21:29:33	32			CC10TRP	TCM LINE HTRS OFF			17319:29:788F	08-049/09:42:23	2TI
1023	049 21:29:33	32				DSS STATUS			17319:29:788F	08-049/09:42:23	2TI
1024	049 21:29:33	32			CC16BR	DSS 10 W REPL HTR OFF			17319:29:788F	08-049/09:42:23	2TI
1025	049 21:29:33	32			CC16AP	DSS ON			17319:29:788F	08-049/09:42:23	2TI
1026	049 21:29:33	32			CC1DR	BAY 2 19 W HTR OFF			17319:29:788F	08-049/09:42:23	2TI
1027	049 21:29:33	32			CC16C	7211 DSS CONTROL			17319:29:788F	08-049/09:42:23	2TI
1028	049 21:29:33	32				SCIENCE PWR STATUS			17319:29:788F	08-049/09:42:23	2TI
1029	049 21:29:33	32			CC1CR	MAG COIL OFF			17319:29:788F	08-049/09:42:23	2TI
1030	049 21:29:33	32			CC21A	CRS ON			17319:29:788F	08-049/09:42:23	2TI
1031	049 21:29:33	32			CC21B	CRS REPL HTR ON			17319:29:788F	08-049/09:42:23	2TI
1032	049 21:29:33	32			CC21CR	CRS SUPP HTR OFF			17319:29:788F	08-049/09:42:23	2TI
1033	049 21:29:33	32			CC22A	PRA ON			17319:29:788F	08-049/09:42:23	2TI
1034	049 21:29:33	32			CC23A	PWS ON			17319:29:788F	08-049/09:42:23	2TI
1035	049 21:29:33	32			CC25A	LECP ON			17319:29:788F	08-049/09:42:23	2TI
1036	049 21:29:33	32			CC25B	LECP STEPPER MOTOR ON			17319:29:788F	08-049/09:42:23	2TI
1037	049 21:29:33	32			CC25CR	LECP REPL HTR OFF			17319:29:788F	08-049/09:42:23	2TI
1038	049 21:29:33	32			CC25D	LECP MAIN SUPP HTR ON			17319:29:788F	08-049/09:42:23	2TI
1039	049 21:29:33	32			CC25E	LECP LEPT SUPP HTR ON			17319:29:788F	08-049/09:42:23	2TI

FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1040	049 21:29:33	32			CC27BR	PPS SUPP HTR OFF			17319:29:788F	08-049/09:42:23	2TI
1041	049 21:29:33	32			CC32A	PLS ON			17319:29:788F	08-049/09:42:23	2TI
1042	049 21:29:33	32			CC32B	PLS SUPP HTR ON			17319:29:788F	08-049/09:42:23	2TI
1043	049 21:29:33	32			CC32CR	PLS REPL HTR OFF			17319:29:788F	08-049/09:42:23	2TI
1044	049 21:29:33	32			CC34AR	UVS OFF			17319:29:788F	08-049/09:42:23	2TI
1045	049 21:29:33	32			CC34BR	UVS REPL HTR OFF			17319:29:788F	08-049/09:42:23	2TI
1046	049 21:29:33	32			CC35AR	MAG OFF			17319:29:788F	08-049/09:42:23	2TI
1047	049 21:29:33	32			CC35B	MAG STANDBY ON			17319:29:788F	08-049/09:42:23	2TI
1048	049 21:29:33	32			CC35GR	MAG SENSOR HTR OFF			17319:29:788F	08-049/09:42:23	2TI
1049	049 21:29:33	32			CC36GR	ISS WA VID REPL HTR OFF			17319:29:788F	08-049/09:42:23	2TI
1050	049 21:29:33	32			CC36HR	ISS WA ELEC REPL HTR OFF			17319:29:788F	08-049/09:42:23	2TI
1051	049 21:29:33	32			CC36CRP	ISS NA OPTICS HTR OFF			17319:29:788F	08-049/09:42:23	2TI
1052	049 21:29:33	32			CC36FRP	ISS NA VID REPL HTR OFF			17319:29:788F	08-049/09:42:23	2TI
1053	049 21:29:33	32			CC36JRP	ISS NA ELEC REPL HTR OFF			17319:29:788F	08-049/09:42:23	2TI
1054	049 21:29:33	32			CC39DR	IRIS REPL HTR OFF			17319:29:788F	08-049/09:42:23	2TI
1055	049 21:29:33	32			CC39FR	IRIS STANDBY A SUPPLY OFF			17319:29:788F	08-049/09:42:23	2TI
1056	049 21:29:33	32			CC39BR	IRIS STANDBY B SUPPLY OFF			17319:29:788F	08-049/09:42:23	2TI
1057	049 21:29:33	32				SCIENCE INSTRUMENT STATUS			17319:29:788F	08-049/09:42:23	2TI
1058	049 21:29:33	32			SC21AF	01000 CRS CMD WORD			17319:29:788F	08-049/09:42:23	2TI
1059	049 21:29:33	32			SC21AF	02000 CRS CMD WORD			17319:29:788F	08-049/09:42:23	2TI
1060	049 21:29:33	32			SC21AF	03010 CRS CMD WORD			17319:29:788F	08-049/09:42:23	2TI
1061	049 21:29:33	32			SC21AF	04000 CRS CMD WORD			17319:29:788F	08-049/09:42:23	2TI
1062	049 21:29:33	32			SC21AF	05302 CRS CMD WORD			17319:29:788F	08-049/09:42:23	2TI

FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1063	049 21:29:33	32			SC21AF	06200 CRS CMD WORD			17319:29:788F	08-049/09:42:23	2TI
1064	049 21:29:33	32			SC21AF	07000 CRS CMD WORD			17319:29:788F	08-049/09:42:23	2TI
1065	049 21:29:33	32			SC21AF	08200 CRS CMD WORD			17319:29:788F	08-049/09:42:23	2TI
1066	049 21:29:33	32			SC21AF	10000 CRS CMD WORD			17319:29:788F	08-049/09:42:23	2TI
1067	049 21:29:33	32			SC21AF	11000 CRS CMD WORD			17319:29:788F	08-049/09:42:23	2TI
1068	049 21:29:33	32			SC21AF	12000 CRS CMD WORD			17319:29:788F	08-049/09:42:23	2TI
1069	049 21:29:33	32			SC21AF	13004 CRS CMD WORD			17319:29:788F	08-049/09:42:23	2TI
1070	049 21:29:33	32			SC21AG	CRS HV FLAG			17319:29:788F	08-049/09:42:23	2TI
1071	049 21:29:33	32			SC21AH	CRS CAL-ST FLAG			17319:29:788F	08-049/09:42:23	2TI
1072	049 21:29:33	32			SC22AF	1347 PRA CONFIGURATION CMD			17319:29:788F	08-049/09:42:23	2TI
1073	049 21:29:33	32			SC22NU	0000 PRA MODE SELECT			17319:29:788F	08-049/09:42:23	2TI
1074	049 21:29:33	32			SC23AD	1 PWS CMD WORD			17319:29:788F	08-049/09:42:23	2TI
1075	049 21:29:33	32			SC25AH	1677 LECP CMD WORD			17319:29:788F	08-049/09:42:23	2TI
1076	049 21:29:33	32			SC25AH	3017 LECP CMD WORD			17319:29:788F	08-049/09:42:23	2TI
1077	049 21:29:33	32			SC25AH	5600 LECP CMD WORD			17319:29:788F	08-049/09:42:23	2TI
1078	049 21:29:33	32			SC25AH	6032 LECP CMD WORD			17319:29:788F	08-049/09:42:23	2TI
1079	049 21:29:33	32			SC25AJ	1 LECP MOTOR STEP CMD			17319:29:788F	08-049/09:42:23	2TI
1080	049 21:29:33	32			SC25AN	0 LECP NEAR/FAR ENC			17319:29:788F	08-049/09:42:23	2TI
1081	049 21:29:33	32			SC25AQ	5200 LECP SAFE CMD			17319:29:788F	08-049/09:42:23	2TI
1082	049 21:29:33	32			SC32AF	2 PLS E1 INT/AMP GAIN			17319:29:788F	08-049/09:42:23	2TI
1083	049 21:29:33	32			SC32AG	2 PLS E2 INT/AMP GAIN			17319:29:788F	08-049/09:42:23	2TI
1084	049 21:29:33	32			SC32AH	2 PLS M INT/AMP GAIN			17319:29:788F	08-049/09:42:23	2TI
1085	049 21:29:33	32			SC32AJ	15 PLS CONFIG CMD			17319:29:788F	08-049/09:42:23	2TI

FINAL SEQUENCE FOR JSX B138 (TOL/B138F - EVTSDR/B138AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1086	049 21:29:33	32			SC32AK	2 PLS L INT/AMP GAIN			17319:29:788F	08-049/09:42:23	2TI
1087	049 21:29:33	32			SC32AL	216 PLS M START WORD 1			17319:29:788F	08-049/09:42:23	2TI
1088	049 21:29:33	32			SC32AM	116 PLS M START WORD 2			17319:29:788F	08-049/09:42:23	2TI
1089	049 21:29:33	32			SC32AN	2 PLS M MODE			17319:29:788F	08-049/09:42:23	2TI
1090	049 21:29:33	32			SC32AP	3 PLS E1 SHRT			17319:29:788F	08-049/09:42:23	2TI
1091	049 21:29:33	32			SC32AQ	3 PLS E2 SHRT			17319:29:788F	08-049/09:42:23	2TI
1092	049 21:29:33	32			SC32AR	3 PLS L SHORT			17319:29:788F	08-049/09:42:23	2TI
1093	049 21:29:33	32			SC32AS	2 PLS E1 LONG			17319:29:788F	08-049/09:42:23	2TI
1094	049 21:29:33	32			SC32AT	2 PLS E2 LONG			17319:29:788F	08-049/09:42:23	2TI
1095	049 21:29:33	32			SC32AU	2 PLS L LONG			17319:29:788F	08-049/09:42:23	2TI
1096	049 21:29:33	32			SC34AE	13 UVS MODE/HV LEVEL			17319:29:788F	08-049/09:42:23	2TI
1097	049 21:29:33	32			SC34AF	0 UVS READ OUT FLAG			17319:29:788F	08-049/09:42:23	2TI
1098	049 21:29:33	32			SC35AI	030001 MAG HFM/EL FLIP/IFC/LFM			17319:29:788F	08-049/09:42:23	2TI
1099	049 21:29:33	32			SC35AO	030001 MAG HFM/PRIME/IFC/LFM RAN			17319:29:788F	08-049/09:42:23	2TI