

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT 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	224 19:00:28	32				INITIAL SPACECRAFT STATUS			22375:29:788F	02-224/09:42:23	2TI
2	224 19:00:28	32				RADIO STATUS			22375:29:788F	02-224/09:42:23	2TI
3	224 19:00:28	32			DC2AR	S-BAND RANGING OFF			22375:29:788F	02-224/09:42:23	2TI
4	224 19:00:28	32			DC2DR	S-BAND LO PWR			22375:29:788F	02-224/09:42:23	2TI
5	224 19:00:28	32			DC2HR	X-BAND LO PWR			22375:29:788F	02-224/09:42:23	2TI
6	224 19:00:28	32			DC2N	X-BAND RANGING ON			22375:29:788F	02-224/09:42:23	2TI
7	224 19:00:28	32			DC2P	2 WAY NON-COHERENT ON			22375:29:788F	02-224/09:42:23	2TI
8	224 19:00:28	32			DC2Q	USO ON			22375:29:788F	02-224/09:42:23	2TI
9	224 19:00:28	32			CC2BRP	S-BAND EXC-2 SEL			22375:29:788F	02-224/09:42:23	2TI
10	224 19:00:28	32			CC2CP	S-BAND TRANS-1 SEL			22375:29:788F	02-224/09:42:23	2TI
11	224 19:00:28	32			CC2FRP	RCVR-2 SEL			22375:29:788F	02-224/09:42:23	2TI
12	224 19:00:28	32			CC2JRP	X-BAND EXC-2 SEL			22375:29:788F	02-224/09:42:23	2TI
13	224 19:00:28	32			CC2GP	X-BAND ON			22375:29:788F	02-224/09:42:23	2TI
14	224 19:00:28	32			CC2KRP	S-BAND OFF			22375:29:788F	02-224/09:42:23	2TI
15	224 19:00:28	32			CC2LP	X-BAND TWTA-1 SEL			22375:29:788F	02-224/09:42:23	2TI
16	224 19:00:28	32			CC2MP	S-BAND EXC ON			22375:29:788F	02-224/09:42:23	2TI
17	224 19:00:28	32			DC2E	HGA SELECT			22375:29:788F	02-224/09:42:23	2TI
18	224 19:00:28	32			CC1T	BAY 1 HTR ON			22375:29:788F	02-224/09:42:23	2TI
19	224 19:00:28	32				MDS STATUS			22375:29:788F	02-224/09:42:23	2TI
20	224 19:00:28	32			CC3BP	TMU ON			22375:29:788F	02-224/09:42:23	2TI
21	224 19:00:28	32			CC3GP	TMU-A SEL			22375:29:788F	02-224/09:42:23	2TI
22	224 19:00:28	32			CC3HRP	CDU-B SEL			22375:29:788F	02-224/09:42:23	2TI
23	224 19:00:28	32			CC3A	32310 X-BAND			22375:29:788F	02-224/09:42:23	2TI

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24	224 19:00:28	32			CC3A	28301 S-BAND			22375:29:788F	02-224/09:42:23	2TI
25	224 19:00:28	32				POWER STATUS			22375:29:788F	02-224/09:42:23	2TI
26	224 19:00:28	32			CC4A	UNDERVOLTAGE TRIP RESET			22375:29:788F	02-224/09:42:23	2TI
27	224 19:00:28	32			CC4K	RTG-1 DIODE BYPASS ON			22375:29:788F	02-224/09:42:23	2TI
28	224 19:00:28	32			CC4L	RTG-2 DIODE BYPASS ON			22375:29:788F	02-224/09:42:23	2TI
29	224 19:00:28	32			CC4M	RTG-3 DIODE BYPASS ON			22375:29:788F	02-224/09:42:23	2TI
30	224 19:00:28	32				CCS STATUS			22375:29:788F	02-224/09:42:23	2TI
31	224 19:00:28	32			DC5AR	CCS TOL DET ENABLE			22375:29:788F	02-224/09:42:23	2TI
32	224 19:00:28	32				FDS STATUS			22375:29:788F	02-224/09:42:23	2TI
33	224 19:00:28	32			CC6CP	FDS ON/ISS PWR ENABLE			22375:29:788F	02-224/09:42:23	2TI
34	224 19:00:28	32			CC6AA	0 SVC-W1			22375:29:788F	02-224/09:42:23	2TI
35	224 19:00:28	32			CC6AD	2210 SVC-W4			22375:29:788F	02-224/09:42:23	2TI
36	224 19:00:28	32			CC6AE	30003 SVC-W5			22375:29:788F	02-224/09:42:23	2TI
37	224 19:00:28	32			CC6AP	FDS PWR CONV A SEL			22375:29:788F	02-224/09:42:23	2TI
38	224 19:00:28	32			CC6AB	01110 SVC-W2			22375:29:788F	02-224/09:42:23	2TI
39	224 19:00:28	32			SC06BB	530070 FDS DATA MODE			22375:29:788F	02-224/09:42:23	2TI
40	224 19:00:28	32				AACS STATUS			22375:29:788F	02-224/09:42:23	2TI
41	224 19:00:28	32			AC7PCG	14 HYBIC 2 PWR ON			22375:29:788F	02-224/09:42:23	2TI
42	224 19:00:28	32			CC7ML	05 CST ON			22375:29:788F	02-224/09:42:23	2TI
43	224 19:00:28	32			AC7CTG	10 376 CST HI GATE			22375:29:788F	02-224/09:42:23	2TI
44	224 19:00:28	32			AC7CTG	11 422 CST LO GATE			22375:29:788F	02-224/09:42:23	2TI
45	224 19:00:28	32			AC7GYP	000 GYRO PATTERN			22375:29:788F	02-224/09:42:23	2TI
46	224 19:00:28	32			AC7PCG	52 GYRO A OFF			22375:29:788F	02-224/09:42:23	2TI

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47	224 19:00:28	32			AC7PCG	62 GYRO B OFF			22375:29:788F	02-224/09:42:23	2TI
48	224 19:00:28	32			AC7PCG	72 GYRO C OFF			22375:29:788F	02-224/09:42:23	2TI
49	224 19:00:28	32			AC7DDB	000480 DEAD BAND CONTROL			22375:29:788F	02-224/09:42:23	2TI
50	224 19:00:28	32			AC7PAR	7530 000000 GYRO OFF NORM			22375:29:788F	02-224/09:42:23	2TI
51	224 19:00:28	32			AC7PAR	6740 000740 PITCH DEADBAND			22375:29:788F	02-224/09:42:23	2TI
52	224 19:00:28	32			AC7PAR	6741 001700 YAW DEADBAND			22375:29:788F	02-224/09:42:23	2TI
53	224 19:00:28	32			AC7PAR	6742 004540 ROLL DEADBAND			22375:29:788F	02-224/09:42:23	2TI
54	224 19:00:28	32			DEADBAND	DEAD BAND STATE: 05 10 25			22375:29:788F	02-224/09:42:23	2TI
55	224 19:00:28	32			CC7SS	1 AACS TO RAI			22375:29:788F	02-224/09:42:23	2TI
56	224 19:00:28	32			CC7CT	03 CST CONE ANGLE 3			22375:29:788F	02-224/09:42:23	2TI
57	224 19:00:28	32			CC7AHRP	SS HTR A OFF			22375:29:788F	02-224/09:42:23	2TI
58	224 19:00:28	32			CC7BHP	SS HTR B ON			22375:29:788F	02-224/09:42:23	2TI
59	224 19:00:28	32			CC7ML	01 FDS CHAN A			22375:29:788F	02-224/09:42:23	2TI
60	224 19:00:28	32			CC7ML	09 TCAPU FAULT ENA			22375:29:788F	02-224/09:42:23	2TI
61	224 19:00:28	32			AC7PCG	61 AACS BAY 6 HTR A OFF			22375:29:788F	02-224/09:42:23	2TI
62	224 19:00:28	32			AC7PCG	71 AACS BAY 6 HTR B OFF			22375:29:788F	02-224/09:42:23	2TI
63	224 19:00:28	32			CC7MMRP	PROC/MEM 2 SELECT			22375:29:788F	02-224/09:42:23	2TI
64	224 19:00:28	32			CC7SHRP	AZ SCAN ACTUATOR HTR OFF			22375:29:788F	02-224/09:42:23	2TI
65	224 19:00:28	32			AC7PCG	22 CST SUN SHUTTER OFF			22375:29:788F	02-224/09:42:23	2TI
66	224 19:00:28	32			AC7PCG	10 ISO VALVE BRANCH 1 OFF			22375:29:788F	02-224/09:42:23	2TI
67	224 19:00:28	32			AC7PCG	20 ISO VALVE BRANCH 2 OFF			22375:29:788F	02-224/09:42:23	2TI
68	224 19:00:28	32			CC1PHRP	SCAN PLAT SUPL HTR OFF			22375:29:788F	02-224/09:42:23	2TI
69	224 19:00:28	32			CC77MRP	MAM OFF			22375:29:788F	02-224/09:42:23	2TI

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70	224 19:00:28	32			DC77PR	NON-PRIME FCP/MEM OFF			22375:29:788F	02-224/09:42:23	2TI
71	224 19:00:28	32			DC77XR	MAM COMMAND DISABLE			22375:29:788F	02-224/09:42:23	2TI
72	224 19:00:28	32				PYRO STATUS			22375:29:788F	02-224/09:42:23	2TI
73	224 19:00:28	32			CC8D	PSU INSTRUMENTATION ON			22375:29:788F	02-224/09:42:23	2TI
74	224 19:00:28	32			DC8XR	PYRO DISABLE			22375:29:788F	02-224/09:42:23	2TI
75	224 19:00:28	32				PROPULSION STATUS			22375:29:788F	02-224/09:42:23	2TI
76	224 19:00:28	32			CC10CRP	TCM HTR OFF			22375:29:788F	02-224/09:42:23	2TI
77	224 19:00:28	32			CC10DR	AP BR1 HTR OFF			22375:29:788F	02-224/09:42:23	2TI
78	224 19:00:28	32			CC10E	AP BR2 HTR ON			22375:29:788F	02-224/09:42:23	2TI
79	224 19:00:28	32			CC10TRP	TCM LINE HTRS OFF			22375:29:788F	02-224/09:42:23	2TI
80	224 19:00:28	32				DSS STATUS			22375:29:788F	02-224/09:42:23	2TI
81	224 19:00:28	32			CC16BR	DSS 10 W REPL HTR OFF			22375:29:788F	02-224/09:42:23	2TI
82	224 19:00:28	32			CC16AP	DSS ON			22375:29:788F	02-224/09:42:23	2TI
83	224 19:00:28	32			CC1DR	BAY 2 19 W HTR OFF			22375:29:788F	02-224/09:42:23	2TI
84	224 19:00:28	32			CC16C	7000 DSS CONTROL			22375:29:788F	02-224/09:42:23	2TI
85	224 19:00:28	32				SCIENCE PWR STATUS			22375:29:788F	02-224/09:42:23	2TI
86	224 19:00:28	32			CC1CR	MAG COIL OFF			22375:29:788F	02-224/09:42:23	2TI
87	224 19:00:28	32			CC21A	CRS ON			22375:29:788F	02-224/09:42:23	2TI
88	224 19:00:28	32			CC21B	CRS REPL HTR ON			22375:29:788F	02-224/09:42:23	2TI
89	224 19:00:28	32			CC21CR	CRS SUPP HTR OFF			22375:29:788F	02-224/09:42:23	2TI
90	224 19:00:28	32			CC22A	PRA ON			22375:29:788F	02-224/09:42:23	2TI
91	224 19:00:28	32			CC23A	PWS ON			22375:29:788F	02-224/09:42:23	2TI
92	224 19:00:28	32			CC25A	LECP ON			22375:29:788F	02-224/09:42:23	2TI

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93	224 19:00:28	32			CC25B	LECP STEPPER MOTOR ON			22375:29:788F	02-224/09:42:23	2TI
94	224 19:00:28	32			CC25CR	LECP REPL HTR OFF			22375:29:788F	02-224/09:42:23	2TI
95	224 19:00:28	32			CC25D	LECP MAIN SUPP HTR ON			22375:29:788F	02-224/09:42:23	2TI
96	224 19:00:28	32			CC25E	LECP LEPT SUPP HTR ON			22375:29:788F	02-224/09:42:23	2TI
97	224 19:00:28	32			CC27BR	PPS SUPP HTR OFF			22375:29:788F	02-224/09:42:23	2TI
98	224 19:00:28	32			CC32A	PLS ON			22375:29:788F	02-224/09:42:23	2TI
99	224 19:00:28	32			CC32B	PLS SUPP HTR ON			22375:29:788F	02-224/09:42:23	2TI
100	224 19:00:28	32			CC32CR	PLS REPL HTR OFF			22375:29:788F	02-224/09:42:23	2TI
101	224 19:00:28	32			CC34AR	UVS OFF			22375:29:788F	02-224/09:42:23	2TI
102	224 19:00:28	32			CC34BR	UVS REPL HTR OFF			22375:29:788F	02-224/09:42:23	2TI
103	224 19:00:28	32			CC35AR	MAG OFF			22375:29:788F	02-224/09:42:23	2TI
104	224 19:00:28	32			CC35B	MAG STANDBY ON			22375:29:788F	02-224/09:42:23	2TI
105	224 19:00:28	32			CC35GR	MAG SENSOR HTR OFF			22375:29:788F	02-224/09:42:23	2TI
106	224 19:00:28	32			CC36GR	ISS WA VID REPL HTR OFF			22375:29:788F	02-224/09:42:23	2TI
107	224 19:00:28	32			CC36HR	ISS WA ELEC REPL HTR OFF			22375:29:788F	02-224/09:42:23	2TI
108	224 19:00:28	32			CC36CRP	ISS NA OPTICS HTR OFF			22375:29:788F	02-224/09:42:23	2TI
109	224 19:00:28	32			CC36FRP	ISS NA VID REPL HTR OFF			22375:29:788F	02-224/09:42:23	2TI
110	224 19:00:28	32			CC36JRP	ISS NA ELEC REPL HTR OFF			22375:29:788F	02-224/09:42:23	2TI
111	224 19:00:28	32			CC39DR	IRIS REPL HTR OFF			22375:29:788F	02-224/09:42:23	2TI
112	224 19:00:28	32			CC39FR	IRIS STANDBY A SUPPLY OFF			22375:29:788F	02-224/09:42:23	2TI
113	224 19:00:28	32			CC39BR	IRIS STANDBY B SUPPLY OFF			22375:29:788F	02-224/09:42:23	2TI
114	224 19:00:28	32				SCIENCE INSTRUMENT STATUS			22375:29:788F	02-224/09:42:23	2TI
115	224 19:00:28	32			SC21AF	01000 CRS CMD WORD			22375:29:788F	02-224/09:42:23	2TI

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116	224 19:00:28	32			SC21AF	02000 CRS CMD WORD			22375:29:788F	02-224/09:42:23	2TI
117	224 19:00:28	32			SC21AF	03010 CRS CMD WORD			22375:29:788F	02-224/09:42:23	2TI
118	224 19:00:28	32			SC21AF	04000 CRS CMD WORD			22375:29:788F	02-224/09:42:23	2TI
119	224 19:00:28	32			SC21AF	05302 CRS CMD WORD			22375:29:788F	02-224/09:42:23	2TI
120	224 19:00:28	32			SC21AF	06200 CRS CMD WORD			22375:29:788F	02-224/09:42:23	2TI
121	224 19:00:28	32			SC21AF	07000 CRS CMD WORD			22375:29:788F	02-224/09:42:23	2TI
122	224 19:00:28	32			SC21AF	08200 CRS CMD WORD			22375:29:788F	02-224/09:42:23	2TI
123	224 19:00:28	32			SC21AF	10000 CRS CMD WORD			22375:29:788F	02-224/09:42:23	2TI
124	224 19:00:28	32			SC21AF	11000 CRS CMD WORD			22375:29:788F	02-224/09:42:23	2TI
125	224 19:00:28	32			SC21AF	12000 CRS CMD WORD			22375:29:788F	02-224/09:42:23	2TI
126	224 19:00:28	32			SC21AF	13004 CRS CMD WORD			22375:29:788F	02-224/09:42:23	2TI
127	224 19:00:28	32			SC21AG	CRS HV FLAG			22375:29:788F	02-224/09:42:23	2TI
128	224 19:00:28	32			SC21AH	CRS CAL-ST FLAG			22375:29:788F	02-224/09:42:23	2TI
129	224 19:00:28	32			SC22AF	1347 PRA CONFIGURATION CMD			22375:29:788F	02-224/09:42:23	2TI
130	224 19:00:28	32			SC22NU	0000 PRA MODE SELECT			22375:29:788F	02-224/09:42:23	2TI
131	224 19:00:28	32			SC23AD	5 PWS CMD WORD			22375:29:788F	02-224/09:42:23	2TI
132	224 19:00:28	32			SC25AH	1677 LECP CMD WORD			22375:29:788F	02-224/09:42:23	2TI
133	224 19:00:28	32			SC25AH	3017 LECP CMD WORD			22375:29:788F	02-224/09:42:23	2TI
134	224 19:00:28	32			SC25AH	5600 LECP CMD WORD			22375:29:788F	02-224/09:42:23	2TI
135	224 19:00:28	32			SC25AH	6032 LECP CMD WORD			22375:29:788F	02-224/09:42:23	2TI
136	224 19:00:28	32			SC25AJ	1 LECP MOTOR STEP CMD			22375:29:788F	02-224/09:42:23	2TI
137	224 19:00:28	32			SC25AN	0 LECP NEAR/FAR ENC			22375:29:788F	02-224/09:42:23	2TI
138	224 19:00:28	32			SC25AQ	5200 LECP SAFE CMD			22375:29:788F	02-224/09:42:23	2TI

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139	224 19:00:28	32			SC32AF	2 PLS E1 INT/AMP GAIN			22375:29:788F	02-224/09:42:23	2TI
140	224 19:00:28	32			SC32AG	2 PLS E2 INT/AMP GAIN			22375:29:788F	02-224/09:42:23	2TI
141	224 19:00:28	32			SC32AH	2 PLS M INT/AMP GAIN			22375:29:788F	02-224/09:42:23	2TI
142	224 19:00:28	32			SC32AJ	15 PLS CONFIG CMD			22375:29:788F	02-224/09:42:23	2TI
143	224 19:00:28	32			SC32AK	2 PLS L INT/AMP GAIN			22375:29:788F	02-224/09:42:23	2TI
144	224 19:00:28	32			SC32AL	216 PLS M START WORD 1			22375:29:788F	02-224/09:42:23	2TI
145	224 19:00:28	32			SC32AM	116 PLS M START WORD 2			22375:29:788F	02-224/09:42:23	2TI
146	224 19:00:28	32			SC32AN	2 PLS M MODE			22375:29:788F	02-224/09:42:23	2TI
147	224 19:00:28	32			SC32AP	3 PLS E1 SHRT			22375:29:788F	02-224/09:42:23	2TI
148	224 19:00:28	32			SC32AQ	3 PLS E2 SHRT			22375:29:788F	02-224/09:42:23	2TI
149	224 19:00:28	32			SC32AR	3 PLS L SHORT			22375:29:788F	02-224/09:42:23	2TI
150	224 19:00:28	32			SC32AS	2 PLS E1 LONG			22375:29:788F	02-224/09:42:23	2TI
151	224 19:00:28	32			SC32AT	2 PLS E2 LONG			22375:29:788F	02-224/09:42:23	2TI
152	224 19:00:28	32			SC32AU	2 PLS L LONG			22375:29:788F	02-224/09:42:23	2TI
153	224 19:00:28	32			SC34AE	13 UVS MODE/HV LEVEL			22375:29:788F	02-224/09:42:23	2TI
154	224 19:00:28	32			SC34AF	0 UVS READ OUT FLAG			22375:29:788F	02-224/09:42:23	2TI
155	224 19:00:28	32			SC35AI	030001 MAG HFM/EL FLIP/IFC/LFM			22375:29:788F	02-224/09:42:23	2TI
156	224 19:00:28	32			SC35AO	030001 MAG HFM/PRIME/IFC/LFM RAN			22375:29:788F	02-224/09:42:23	2TI
157	224 19:00:29	32				BEGIN SEQUENCE B117 -- LOCK STAR			22375:30:001F	02-224/09:42:23	2T
158	224 20:23:49	32	40 SET			10 DEGREE SET DSC-40					2V
159	224 21:56:30	32			AC7SSB	(4 +174) SS BIAS CONTROL --- YAW	AACS		22379:10:003F	02-224/12:38:23	2ECa
160	225 00:00:00	32				VGR-32 OWLT IS 09H 18M 07S					2L
161	225 04:12:52	32	40RISE			10 DEGREE RISE DSC-40					2V

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT 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	225 09:30:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9149 (D/L ONLY)					2DP
163	225 09:41:58	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
164	225 09:41:58	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					22EC
165	225 09:42:46	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
166	225 09:42:46	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
167	225 09:46:10	32				BEGIN PWSREC			22393:57:001F	02-225/00:27:59	2T
168	225 09:46:10	32				B- DRGS4B			22393:57:001F	02-225/00:27:59	2TB
169	225 09:46:10	32			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B FDS PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY			22393:57:009F	02-225/00:28:00	2ECf
170	225 09:46:54	32				BEGIN RECORDING PWS DATA			22393:57:734F	02-225/00:28:43	2T
171	225 09:46:54	32			CC16C	(3000) DTR STATE SELECT:115.2REC DTR			22393:57:735F	02-225/00:28:43	2ECd
172	225 09:46:54	32				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:2038			22393:57:735F	02-225/00:28:43	2ESd
173	225 09:46:58	32		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PB/FDS11 SA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	22393:58:001F	02-225/00:28:47	2ESf



FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
174	225 09:46:58	32			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		22393:58:002F	02-225/00:28:47	2ECs
175	225 09:46:59	32				B- DRCRUS			22393:58:018F	02-225/00:28:48	2TB
176	225 09:46:59	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		22393:58:025F	02-225/00:28:49	2ECF
177	225 09:47:46	32		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	22393:59:001F	02-225/00:29:35	2ESF
178	225 09:47:46	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		22393:59:001F	02-225/00:29:35	2ECd
179	225 09:47:46	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2328	DTR		22393:59:001F	02-225/00:29:35	2ESd
180	225 09:47:46	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		22393:59:002F	02-225/00:29:35	2ECs
181	225 09:47:47	32				END PWSREC			22393:59:018F	02-225/00:29:36	2T
182	225 12:00:00	32				VGR-32 OWLT IS 09H 18M 11S					2L
183	225 16:45:00	32	45	AO	OPCH ACE	AOS DSS-45 PASS-9149 (D/L ONLY)					2DP
184	225 17:05:00	32	34	LO	OPCH ACE	LOS DSS-34 PASS-9149					2DP
185	225 20:10:00	32	45	LO	OPCH ACE	LOS DSS-45 PASS-9149					2DP
186	225 20:19:49	32	40	SET		10 DEGREE SET DSC-40					2V
187	226 00:00:00	32				VGR-32 OWLT IS 09H 18M 15S					2L

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT 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	226 04:08:52	32	40RISE			10 DEGREE RISE DSC-40					2V
189	226 04:30:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9150 (D/L ONLY)					2DP
190	226 07:30:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9150 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
191	226 07:50:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9150					2DP
192	226 12:00:00	32				VGR-32 OWLT IS 09H 18M 20S					2L
193	226 17:25:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9150					2DP
194	226 20:15:49	32	40 SET			10 DEGREE SET DSC-40					2V
195	227 00:00:00	32				VGR-32 OWLT IS 09H 18M 24S					2L
196	227 04:04:51	32	40RISE			10 DEGREE RISE DSC-40					2V
197	227 07:20:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9151 (D/L ONLY)					2DP
198	227 12:00:00	32				VGR-32 OWLT IS 09H 18M 28S					2L
199	227 14:00:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9151					2DP
200	227 20:11:49	32	40 SET			10 DEGREE SET DSC-40					2V
201	228 00:00:00	32				VGR-32 OWLT IS 09H 18M 32S					2L
202	228 00:24:57	32			AC7SSB	(4 +175) SS BIAS CONTROL --- YAW	AACS		22472:15:003F	02-227/15:06:23	2ECa
203	228 03:45:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9152 (D/L ONLY)					2DP
204	228 04:00:51	32	40RISE			10 DEGREE RISE DSC-40					2V
205	228 07:20:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9152 (D/L ONLY)					2DP
206	228 07:40:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9152					2DP
207	228 12:00:00	32				VGR-32 OWLT IS 09H 18M 37S					2L
208	228 18:00:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9152					2DP
209	228 20:07:50	32	40 SET			10 DEGREE SET DSC-40					2V
210	229 00:00:00	32				VGR-32 OWLT IS 09H 18M 41S					2L

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
211	229 03:56:51	32	40RISE			10 DEGREE RISE DSC-40					2V
212	229 04:15:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9153 (D/L ONLY)					2DP
213	229 09:15:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9153					2DP
214	229 12:00:00	32				VGR-32 OWLT IS 09H 18M 46S					2L
215	229 16:15:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9153 (D/L ONLY)					2DP
216	229 19:45:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9153					2DP
217	229 20:03:50	32	40 SET			10 DEGREE SET DSC-40					2V
218	230 00:00:00	32				VGR-32 OWLT IS 09H 18M 50S					2L
219	230 03:52:51	32	40RISE			10 DEGREE RISE DSC-40					2V
220	230 04:35:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9154 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
221	230 12:00:00	32				VGR-32 OWLT IS 09H 18M 55S					2L
222	230 12:20:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9154					2DP
223	230 17:53:21	32			AC7SSB	(3 -018) SS BIAS CONTROL - PITCH	AACS		22554:05:002F	02-230/08:34:23	2ECa
224	230 19:59:50	32	40 SET			10 DEGREE SET DSC-40					2V
225	231 00:00:00	32				VGR-32 OWLT IS 09H 18M 59S					2L
226	231 02:53:24	32			AC7SSB	(4 +176) SS BIAS CONTROL --- YAW	AACS		22565:20:003F	02-230/17:34:23	2ECa
227	231 03:48:51	32	40RISE			10 DEGREE RISE DSC-40					2V
228	231 04:30:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9155 (D/L ONLY)					2DP
229	231 12:00:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9155					2DP
230	231 12:00:00	32				VGR-32 OWLT IS 09H 19M 04S					2L
231	231 19:55:50	32	40 SET			10 DEGREE SET DSC-40					2V
232	232 00:00:00	32				VGR-32 OWLT IS 09H 19M 08S					2L
233	232 03:44:51	32	40RISE			10 DEGREE RISE DSC-40					2V

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
234	232 09:19:00	32		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
235	232 09:19:00	32		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					22EC
236	232 09:19:48	32		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
237	232 09:19:48	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
238	232 09:23:12	32				BEGIN PWSREC			22603:27:001F	02-232/00:03:59	2T
239	232 09:23:12	32				B- DRGS4B			22603:27:001F	02-232/00:03:59	2TB
240	232 09:23:12	32			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		22603:27:009F	02-232/00:04:00	2ECf
241	232 09:23:56	32				BEGIN RECORDING PWS DATA			22603:27:734F	02-232/00:04:43	2T
242	232 09:23:56	32			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		22603:27:735F	02-232/00:04:43	2ECd
243	232 09:23:56	32				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:2336	DTR		22603:27:735F	02-232/00:04:43	2ESd
244	232 09:24:00	32		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PB/FDS11 SA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	22603:28:001F	02-232/00:04:47	2ESf



FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
257	232 10:29:36	32				B- DRRC5T			22604:50:001F	02-232/01:10:23	2TB
258	232 10:29:36	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		22604:50:009F	02-232/01:10:24	2ECf
259	232 10:30:24	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	22604:51:001F	02-232/01:11:11	2ESf
260	232 10:30:24	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		22604:51:001F	02-232/01:11:11	2ECs
261	232 10:36:48	32			SC06BY	(7) FDS PLS/MAG/PESCAL FLAG PLSCAL ENABLED MAGCAL ENABLED PESCAL ENABLED	FDS		22604:59:009F	02-232/01:17:36	2ECf
262	232 10:37:36	32				BEGIN PLS/MAG/PESCAL			22605:00:001F	02-232/01:18:23	2T
263	232 12:00:00	32				VGR-32 OWLT IS 09H 19M 13S					2L
264	232 12:20:01	32				END PLSCAL			22607:08:001F	02-232/03:00:47	2T
265	232 13:40:01	32				END MAGCAL			22608:48:001F	02-232/04:20:47	2T
266	232 13:53:25	32		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
267	232 13:53:25	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
268	232 13:57:37	32				END PESCAL			22609:10:001F	02-232/04:38:23	2T
269	232 13:57:37	32				B- DRRCRUS			22609:10:001F	02-232/04:38:23	2TB

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
270	232 13:57:37	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		22609:10:010F	02-232/04:38:24	2ECf
271	232 13:58:25	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	22609:11:001F	02-232/04:39:11	2ESf
272	232 13:58:25	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		22609:11:002F	02-232/04:39:11	2ECs
273	232 13:58:26	32				END PMPCALLR			22609:11:018F	02-232/04:39:12	2T
274	232 19:25:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9156					2DP
275	232 19:51:50	32	40 SET			10 DEGREE SET DSC-40					2V
276	233 00:00:00	32				VGR-32 OWLT IS 09H 19M 17S					2L
277	233 03:40:51	32	40RISE			10 DEGREE RISE DSC-40					2V
278	233 07:30:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9157 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
279	233 12:00:00	32				VGR-32 OWLT IS 09H 19M 22S					2L
280	233 19:10:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9157					2DP
281	233 19:47:51	32	40 SET			10 DEGREE SET DSC-40					2V
282	234 00:00:00	32				VGR-32 OWLT IS 09H 19M 26S					2L
283	234 03:36:51	32	40RISE			10 DEGREE RISE DSC-40					2V
284	234 05:21:53	32			AC7SSB	(4 +177) SS BIAS CONTROL --- YAW	AACS		22658:25:003F	02-233/20:02:23	2ECa
285	234 10:00:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9158 (D/L ONLY)					2DP
286	234 12:00:00	32				VGR-32 OWLT IS 09H 19M 31S					2L

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
287	234 19:35:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9158					2DP
288	234 19:43:51	32	40 SET			10 DEGREE SET DSC-40					2V
289	235 00:00:00	32				VGR-32 OWLT IS 09H 19M 36S					2L
290	235 03:32:51	32	40RISE			10 DEGREE RISE DSC-40					2V
291	235 10:45:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9159 (D/L ONLY)					2DP
292	235 12:00:00	32				VGR-32 OWLT IS 09H 19M 41S					2L
293	235 19:15:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9159					2DP
294	235 19:39:51	32	40 SET			10 DEGREE SET DSC-40					2V
295	236 00:00:00	32				VGR-32 OWLT IS 09H 19M 45S					2L
296	236 03:28:52	32	40RISE			10 DEGREE RISE DSC-40					2V
297	236 07:15:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9160 (D/L ONLY)					2DP
298	236 07:15:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9160 (D/L ONLY)					2DP
299	236 12:00:00	32				VGR-32 OWLT IS 09H 19M 50S					2L
300	236 17:30:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9160					2DP
301	236 17:30:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9160					2DP
302	236 19:35:52	32	40 SET			10 DEGREE SET DSC-40					2V
303	237 00:00:00	32				VGR-32 OWLT IS 09H 19M 55S					2L
304	237 03:24:52	32	40RISE			10 DEGREE RISE DSC-40					2V
305	237 07:10:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9161 (D/L ONLY)					2DP
306	237 07:50:22	32			AC7SSB	(4 +178) SS BIAS CONTROL --- YAW	AACS		22751:30:003F	02-236/22:30:23	2ECa
307	237 12:00:00	32				VGR-32 OWLT IS 09H 20M 00S					2L
308	237 16:00:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9161					2DP
309	237 19:31:52	32	40 SET			10 DEGREE SET DSC-40					2V



FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT 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	238 00:00:00	32				VGR-32 OWLT IS 09H 20M 04S					2L
311	238 03:20:53	32	40RISE			10 DEGREE RISE DSC-40					2V
312	238 08:20:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9162 (D/L ONLY)					2DP
313	238 12:00:00	32				VGR-32 OWLT IS 09H 20M 09S					2L
314	238 18:28:12	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
315	238 18:33:12	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2634	DTR		22794:53:205F	02-238/09:13:00	2ESd
316	238 18:33:12	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	22794:53:205F	02-238/09:13:00	2ESf
317	238 19:02:36	32				BEGIN MINI-SEQ B117--LOCK STAR:V			22795:30:001F	02-238/09:42:23	2T
318	238 19:05:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9162					2DP
319	238 19:27:52	32	40 SET			10 DEGREE SET DSC-40					2V
320	239 00:00:00	32				VGR-32 OWLT IS 09H 20M 14S					2L
321	239 03:16:53	32	40RISE			10 DEGREE RISE DSC-40					2V
322	239 06:45:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9163 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
323	239 08:56:06	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
324	239 08:56:06	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					22EC
325	239 08:56:54	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
326	239 08:56:54	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
327	239 09:00:18	32				BEGIN PWSREC			22812:57:001F	02-238/23:39:59	2T
328	239 09:00:18	32				B- DRGS4B			22812:57:001F	02-238/23:39:59	2TB
329	239 09:00:18	32			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		22812:57:009F	02-238/23:40:00	2ECf
330	239 09:01:02	32				BEGIN RECORDING PWS DATA			22812:57:734F	02-238/23:40:43	2T
331	239 09:01:02	32			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		22812:57:735F	02-238/23:40:43	2ECd
332	239 09:01:02	32				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:2634	DTR		22812:57:735F	02-238/23:40:43	2ESd
333	239 09:01:06	32		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PB/FDS11 SA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	22812:58:001F	02-238/23:40:47	2ESf
334	239 09:01:06	32			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		22812:58:002F	02-238/23:40:47	2ECs
335	239 09:01:07	32				B- DRCRUS			22812:58:018F	02-238/23:40:48	2TB
336	239 09:01:07	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		22812:58:025F	02-238/23:40:49	2ECf

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
337	239 09:01:54	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	22812:59:001F	02-238/23:41:35	2ESf
338	239 09:01:54	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		22812:59:001F	02-238/23:41:35	2ECd
339	239 09:01:54	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2924	DTR		22812:59:001F	02-238/23:41:35	2ESd
340	239 09:01:54	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		22812:59:002F	02-238/23:41:35	2ECs
341	239 09:01:55	32				END PWSREC			22812:59:018F	02-238/23:41:36	2T
342	239 12:00:00	32				VGR-32 OWLT IS 09H 20M 19S					2L
343	239 18:50:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9163					2DP
344	239 19:23:53	32	40 SET			10 DEGREE SET DSC-40					2V
345	240 00:00:00	32				VGR-32 OWLT IS 09H 20M 24S					2L
346	240 03:12:54	32	40RISE			10 DEGREE RISE DSC-40					2V
347	240 09:40:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9164 (D/L ONLY)					2DP
348	240 10:18:52	32			AC7SSB	(4 +179) SS BIAS CONTROL --- YAW	AACS		22844:35:003F	02-240/00:58:23	2ECa
349	240 12:00:00	32				VGR-32 OWLT IS 09H 20M 29S					2L
350	240 18:50:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9164					2DP
351	240 19:19:53	32	40 SET			10 DEGREE SET DSC-40					2V
352	241 00:00:00	32				VGR-32 OWLT IS 09H 20M 34S					2L
353	241 03:08:55	32	40RISE			10 DEGREE RISE DSC-40					2V

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
354	241 07:20:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9165 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
355	241 12:00:00	32				VGR-32 OWLT IS 09H 20M 39S					2L
356	241 13:00:38	32				B- PASS.2			22877:56:784F	02-241/03:39:58	2TB
357	241 13:00:39	32				B- MISCMD			22877:57:001F	02-241/03:39:59	2TB
358	241 13:00:39	32				MISCMD - GYROS AAC ON			22877:57:001F	02-241/03:39:59	2T
359	241 13:00:39	32				B- MEMUPD			22877:57:001F	02-241/03:39:59	2TB
360	241 13:00:39	32				MEMUPD - SELECT AAB GYROS			22877:57:001F	02-241/03:39:59	2T
361	241 13:00:39	32			AC7GYP	(100) DRIRU PATTERN CONTROL GYRO/AXIS=A/PITCH & YAW C/ROLL	AACS		22877:57:003F	02-241/03:39:59	2ECa
362	241 13:00:39	32			CC7GBRP	GYRO B OFF	PWR		22877:57:003F	02-241/03:39:59	2ECp
363	241 13:00:39	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: OFF CST : ON GRYO C: OFF	AACS	22877:57:003F	02-241/03:39:59	2ESa	
364	241 13:00:39	32			CC7GBRP	GYRO B OFF	PWR		22877:57:005F	02-241/03:40:00	2ECp
365	241 13:00:39	32			CC7PC	(362) GYRO B OFF	AACS		22877:57:008F	02-241/03:40:00	2ECa
366	241 13:00:39	32			CC7GCP	GYRO C ON	PWR		22877:57:008F	02-241/03:40:00	2ECp
367	241 13:00:39	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: OFF CST : ON GRYO C: ON	AACS	22877:57:008F	02-241/03:40:00	2ESa	
368	241 13:00:39	32			CC7GCP	GYRO C ON	PWR		22877:57:010F	02-241/03:40:00	2ECp
369	241 13:00:39	32			CC7PC	(373) GYRO C ON	AACS		22877:57:012F	02-241/03:40:00	2ECa
370	241 13:00:39	32			CC7GAP	GYRO A ON	PWR		22877:57:013F	02-241/03:40:00	2ECp

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
371	241 13:00:39	32				AACS STATUS MODE : CRU GYRO A: ON HYBIC: 2 GYRO B: OFF CST : ON GRYO C: ON	AACS		22877:57:013F	02-241/03:40:00	2ESa
372	241 13:00:40	32			CC7GAP	GYRO A ON	PWR		22877:57:015F	02-241/03:40:00	2ECp
373	241 13:00:40	32			CC7PC	(353) GYRO A ON	AACS		22877:57:017F	02-241/03:40:00	2ECa
374	241 13:01:09	32				B- MISCMD			22877:57:501F	02-241/03:40:29	2TB
375	241 13:01:09	32				MISCMD - GYRO INIT			22877:57:501F	02-241/03:40:29	2T
376	241 13:01:09	32			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		22877:57:501F	02-241/03:40:29	2ECa
377	241 13:01:39	32				B- MISCMD			22877:58:201F	02-241/03:40:59	2TB
378	241 13:01:39	32				MISCMD - SET CALIB			22877:58:201F	02-241/03:40:59	2T
379	241 13:01:39	32			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		22877:58:203F	02-241/03:40:59	2ECa
380	241 13:10:39	32				B- MISCMD			22878:09:401F	02-241/03:49:59	2TB
381	241 13:10:39	32				MISCMD - GYRO FAULT TEST			22878:09:401F	02-241/03:49:59	2T
382	241 13:10:39	32			CC7GY	(4) DRIRU FAULT TEST START	AACS		22878:09:401F	02-241/03:49:59	2ECa
383	241 13:10:40	32				B- PASS.2			22878:09:418F	02-241/03:50:00	2TB
384	241 17:00:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9165					2DP
385	241 19:15:53	32	40 SET			10 DEGREE SET DSC-40					2V
386	242 00:00:00	32				VGR-32 OWLT IS 09H 20M 44S					2L
387	242 03:04:56	32	40RISE			10 DEGREE RISE DSC-40					2V
388	242 11:00:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9166 (D/L ONLY)					2DP
389	242 12:00:00	32				VGR-32 OWLT IS 09H 20M 49S					2L
390	242 19:00:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9166					2DP
391	242 19:11:54	32	40 SET			10 DEGREE SET DSC-40					2V

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
392	243 00:00:00	32				VGR-32 OWLT IS 09H 20M 54S					2L
393	243 03:00:57	32	40RISE			10 DEGREE RISE DSC-40					2V
394	243 08:30:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9167 (D/L ONLY)					2DP
395	243 12:00:00	32				VGR-32 OWLT IS 09H 20M 59S					2L
396	243 12:47:23	32			AC7SSB	(4 +180) SS BIAS CONTROL --- YAW	AACS		22937:40:003F	02-243/03:26:23	2ECa
397	243 13:00:59	32				B- MISCMD			22937:57:001F	02-243/03:39:59	2TB
398	243 13:00:59	32				MISCMD - GYRO INIT			22937:57:001F	02-243/03:39:59	2T
399	243 13:00:59	32			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		22937:57:001F	02-243/03:39:59	2ECa
400	243 15:15:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9167					2DP
401	243 19:07:54	32	40 SET			10 DEGREE SET DSC-40					2V
402	244 00:00:00	32				VGR-32 OWLT IS 09H 21M 04S					2L
403	244 02:56:59	32	40RISE			10 DEGREE RISE DSC-40					2V
404	244 07:45:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9168 (D/L ONLY)					2DP
405	244 12:00:00	32				VGR-32 OWLT IS 09H 21M 09S					2L
406	244 18:40:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9168					2DP
407	244 19:03:55	32	40 SET			10 DEGREE SET DSC-40					2V
408	245 00:00:00	32				VGR-32 OWLT IS 09H 21M 14S					2L
409	245 02:53:00	32	40RISE			10 DEGREE RISE DSC-40					2V
410	245 07:20:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9169 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
411	245 12:00:00	32				VGR-32 OWLT IS 09H 21M 19S					2L
412	245 13:01:20	32				B- MISCMD			22997:57:001F	02-245/03:39:59	2TB
413	245 13:01:20	32				MISCMD - GYRO INIT			22997:57:001F	02-245/03:39:59	2T
414	245 13:01:20	32			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		22997:57:001F	02-245/03:39:59	2ECa

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
415	245 18:20:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9169					2DP
416	245 18:59:55	32	40 SET			10 DEGREE SET DSC-40					2V
417	246 00:00:00	32				VGR-32 OWLT IS 09H 21M 25S					2L
418	246 02:49:01	32	40RISE			10 DEGREE RISE DSC-40					2V
419	246 05:55:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9170 (D/L ONLY)					2DP
420	246 08:33:16	32		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
421	246 08:33:16	32		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					22EC
422	246 08:34:04	32		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
423	246 08:34:04	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	246 08:37:28	32				BEGIN PWSREC			23022:27:001F	02-245/23:15:59	2T
425	246 08:37:28	32				B- DRGS4B			23022:27:001F	02-245/23:15:59	2TB
426	246 08:37:28	32			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B FDS PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY			23022:27:009F	02-245/23:16:00	2ECf
427	246 08:38:12	32				BEGIN RECORDING PWS DATA			23022:27:734F	02-245/23:16:43	2T
428	246 08:38:12	32			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		23022:27:735F	02-245/23:16:43	2ECd
429	246 08:38:12	32				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:2932	DTR		23022:27:735F	02-245/23:16:43	2ESd

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
430	246 08:38:16	32		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PB/FDS11 SA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	23022:28:001F	02-245/23:16:47	2ESf
431	246 08:38:16	32			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		23022:28:002F	02-245/23:16:47	2ECs
432	246 08:38:17	32				B- DRCRUS			23022:28:018F	02-245/23:16:48	2TB
433	246 08:38:17	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		23022:28:025F	02-245/23:16:49	2ECf
434	246 08:39:04	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	23022:29:001F	02-245/23:17:35	2ESf
435	246 08:39:04	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		23022:29:001F	02-245/23:17:35	2ECd
436	246 08:39:04	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:3222	DTR		23022:29:001F	02-245/23:17:35	2ESd
437	246 08:39:04	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		23022:29:002F	02-245/23:17:35	2ECs
438	246 08:39:05	32				END PWSREC			23022:29:018F	02-245/23:17:36	2T
439	246 10:48:27	32		ACE ALL		>>>>>>> 1 HR WARNING <<<<<<<<< FOR S/C-32 COMMAND MORATORIUM					2T



FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
440	246 11:48:27	32		ACE ALL		BEGIN S/C-32 COMMAND MORATORIUM					2T
441	246 12:00:00	32				VGR-32 OWLT IS 09H 21M 30S					2L
442	246 15:15:55	32			AC7SSB	(4 +181) SS BIAS CONTROL --- YAW	AACS		23030:45:003F	02-246/05:54:23	2ECa
443	246 18:30:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9170					2DP
444	246 18:55:56	32	40 SET			10 DEGREE SET DSC-40					2V
445	247 00:00:00	32				VGR-32 OWLT IS 09H 21M 35S					2L
446	247 02:45:03	32	40RISE			10 DEGREE RISE DSC-40					2V
447	247 04:17:37	32				TAPPOS-1705			23047:02:001F	02-246/18:55:59	2T
448	247 04:17:37	32			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		23047:02:002F	02-246/18:55:59	2ECd
449	247 04:17:37	32				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3230	DTR		23047:02:002F	02-246/18:55:59	2ESd
450	247 05:28:10	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		23048:30:156F	02-246/20:06:33	2ECd
451	247 05:28:10	32				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:1705	DTR		23048:30:156F	02-246/20:06:33	2ESd
452	247 05:57:38	32				FWD/TRK 3			23049:07:001F	02-246/20:35:59	2T
453	247 05:57:38	32			CC16C	(7013) DTR STATE SELECT: READY	DTR		23049:07:002F	02-246/20:35:59	2ECd
454	247 05:57:38	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:3 TIC:1705	DTR		23049:07:002F	02-246/20:35:59	2ESd
455	247 06:00:38	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN D/L CARRIER SIG LEVEL					22EC

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
456	247 06:01:38	32				B- PWSPB.32			23049:12:001F	02-246/20:39:59	2TB
457	247 06:01:38	32				BEGIN PWSPBA32			23049:12:001F	02-246/20:39:59	2T
458	247 06:01:38	32				CHECK IF RFLOSS FAIL			23049:12:001F	02-246/20:39:59	2T
459	247 06:01:38	32				IF FAIL SKIP HIGHPWR			23049:12:001F	02-246/20:39:59	2T
460	247 06:01:38	32			CC1TR	BAY 1 HTR OFF	PWR		23049:12:003F	02-246/20:39:59	2ECp
461	247 06:05:38	32				X BAND HIGH POWER			23049:17:001F	02-246/20:43:59	2T
462	247 06:05:38	32			DC2H	X-BAND TWT HIGH POWER	RFS		23049:17:002F	02-246/20:43:59	2ECr
463	247 07:01:38	32				B- YAW05			23050:27:001F	02-246/21:39:59	2TB
464	247 07:01:38	32				YAW05			23050:27:001F	02-246/21:39:59	2T
465	247 07:01:38	32			AC7PAR	(6741 000740) +YAW DB=.05 DEG	AACS		23050:27:004F	02-246/21:39:59	2ECa
466	247 07:05:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9171 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
467	247 07:05:26	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESF
468	247 07:05:26	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=39 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					22EC
469	247 07:05:26	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESF
470	247 07:09:38	32				B- DRPBDB.32			23050:37:001F	02-246/21:47:59	2TB
471	247 07:09:38	32				BEGIN DDPB1432			23050:37:001F	02-246/21:47:59	2T
472	247 07:09:38	32			SC06BB	(12 0 07 0) FDS MODE TO: PB-14 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		23050:37:009F	02-246/21:48:00	2ECf
473	247 07:10:26	32				BEGIN PLAYBACK			23050:38:001F	02-246/21:48:47	2T

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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
474	247 07:10:26	32		ACE OPCH		FDS STATUS PB-14/X1.4K/S40 MEM:PB/FDS11 SA/FDS11	FDS	PB-14	23050:38:001F	02-246/21:48:47	2ESf
475	247 07:10:26	32			CC3A	(39310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=39 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		23050:38:002F	02-246/21:48:47	2ECs
476	247 07:10:26	32			CC6AD	(2 2 1 2) SVC-W4 FDS MEM B WRT PROTECT	FDS		23050:38:002F	02-246/21:48:47	2ECf
477	247 07:10:26	32		ACE OPCH		FDS STATUS PB-14/X1.4K/S40 MEM:PB/FDS11 SA/FDS11	FDS	PB-14	23050:38:002F	02-246/21:48:47	2ESf
478	247 07:10:26	32			CC16C	(1210) DTR STATE SELECT:PLAYBACK	DTR		23050:38:005F	02-246/21:48:48	2ECd
479	247 07:10:26	32				DTR STATUS MODE:PLAY RATE:007.2K DIR:F TRK:3 TIC:1705	DTR		23050:38:005F	02-246/21:48:48	2ESd
480	247 07:10:27	32				END DDPB1432			23050:38:018F	02-246/21:48:48	2T
481	247 08:39:41	32			EOT	END OF TAPE			23052:29:444F	02-246/23:18:02	2Ed
482	247 08:39:42	32			EOT	END OF TAPE			23052:29:448F	02-246/23:18:02	2Ed
483	247 11:18:40	32			BOT	BEGIN OF TAPE			23055:48:200F	02-247/01:56:59	2Ed
484	247 11:18:40	32			BOT	BEGIN OF TAPE			23055:48:204F	02-247/01:56:59	2Ed
485	247 12:00:00	32				VGR-32 OWLT IS 09H 21M 40S					2L
486	247 13:40:41	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf



FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
498	247 14:00:05	32				B- YAWDB			23059:10:001F	02-247/04:38:23	2TB
499	247 14:00:05	32				YAWDB - .10			23059:10:001F	02-247/04:38:23	2T
500	247 14:00:05	32			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		23059:10:004F	02-247/04:38:23	2ECa
501	247 14:01:41	32				B- MISCMD			23059:12:001F	02-247/04:39:59	2TB
502	247 14:01:41	32				MISCMD - GYRO INIT			23059:12:001F	02-247/04:39:59	2T
503	247 14:01:41	32			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		23059:12:001F	02-247/04:39:59	2ECa
504	247 18:15:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9171					2DP
505	247 18:51:56	32	40 SET			10 DEGREE SET DSC-40					2V
506	248 00:00:00	32				VGR-32 OWLT IS 09H 21M 45S					2L
507	248 02:41:05	32	40RISE			10 DEGREE RISE DSC-40					2V
508	248 03:05:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9172 (D/L ONLY)					2DP
509	248 05:33:48	32				TAPPOS-0550			23078:37:001F	02-247/20:11:59	2T
510	248 05:33:48	32			CC16C	(2221) DTR STATE SELECT: SLEW	DTR		23078:37:002F	02-247/20:11:59	2ECd
511	248 05:33:48	32				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:1 TIC:3375	DTR		23078:37:002F	02-247/20:11:59	2ESd
512	248 07:44:34	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		23081:20:360F	02-247/22:22:45	2ECd
513	248 07:44:34	32				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:1 TIC:0550	DTR		23081:20:360F	02-247/22:22:45	2ESd
514	248 08:21:49	32				FWD/TRK 1			23082:07:001F	02-247/22:59:59	2T
515	248 08:21:49	32			CC16C	(7011) DTR STATE SELECT: READY	DTR		23082:07:002F	02-247/22:59:59	2ECd

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT 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	248 08:21:49	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:0550	DTR		23082:07:002F	02-247/22:59:59	2ESd
517	248 08:21:50	32				END DAIN32			23082:07:018F	02-247/23:00:00	2T
518	248 09:20:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9172					2DP
519	248 11:05:42	32		ACE ALL		>>>>>>>> 1 HR WARNING <<<<<<<<< FOR S/C-32 COMMAND MORATORIUM					2T
520	248 11:22:06	32		ACE ALL		END S/C-32 COMMAND MORATORIUM					2T
521	248 12:00:00	32				VGR-32 OWLT IS 09H 21M 51S					2L
522	248 12:05:42	32		ACE ALL		BEGIN S/C-32 COMMAND MORATORIUM					2T
523	248 13:20:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9172 (D/L ONLY)					2DP
524	248 18:25:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9172					2DP
525	248 18:47:57	32	40 SET			10 DEGREE SET DSC-40					2V
526	249 00:00:00	32				VGR-32 OWLT IS 09H 21M 56S					2L
527	249 02:37:06	32	40RISE			10 DEGREE RISE DSC-40					2V
528	249 05:35:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9173 (D/L ONLY)					2DP
529	249 06:04:35	32				B- MISCMD			23109:15:201F	02-248/20:42:35	2TB
530	249 06:04:35	32				MISCMD - GYRO FAULT TEST			23109:15:201F	02-248/20:42:35	2T
531	249 06:04:35	32			CC7GY	(5) DRIRU FAULT TEST STOP	AACS		23109:15:201F	02-248/20:42:35	2ECa
532	249 06:04:36	32				B- PASS.2			23109:15:218F	02-248/20:42:36	2TB
533	249 06:19:35	32				B- GYONBC.32			23109:34:001F	02-248/20:57:35	2TB
534	249 06:19:35	32				BEGIN GYONBC32			23109:34:001F	02-248/20:57:35	2T

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
535	249 06:19:35	32			AC7GYP	(111) DRIRU PATTERN CONTROL GYRO/AXIS=B/PITCH C/YAW & ROLL	AACS		23109:34:003F	02-248/20:57:35	2ECa
536	249 06:19:35	32			CC7GARP	GYRO A OFF	PWR		23109:34:004F	02-248/20:57:35	2ECp
537	249 06:19:35	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: OFF CST : ON GRYO C: ON	AACS		23109:34:004F	02-248/20:57:35	2ESa
538	249 06:19:35	32			CC7GARP	GYRO A OFF	PWR		23109:34:006F	02-248/20:57:36	2ECp
539	249 06:19:35	32			CC7PC	(352) GYRO A OFF	AACS		23109:34:008F	02-248/20:57:36	2ECa
540	249 06:19:35	32			CC7GBP	GYRO B ON	PWR		23109:34:009F	02-248/20:57:36	2ECp
541	249 06:19:35	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS		23109:34:009F	02-248/20:57:36	2ESa
542	249 06:19:35	32			CC7GBP	GYRO B ON	PWR		23109:34:011F	02-248/20:57:36	2ECp
543	249 06:19:35	32			CC7PC	(363) GYRO B ON	AACS		23109:34:013F	02-248/20:57:36	2ECa
544	249 06:20:04	32				DRIRU INITIALIZATION			23109:34:484F	02-248/20:58:04	2T
545	249 06:20:05	32			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		23109:34:501F	02-248/20:58:05	2ECa
546	249 06:20:34	32				SET CALIB			23109:35:184F	02-248/20:58:34	2T
547	249 06:20:35	32			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		23109:35:203F	02-248/20:58:35	2ECa
548	249 06:29:34	32				START GYRO FAULT TEST			23109:46:384F	02-248/21:07:34	2T
549	249 06:29:35	32			CC7GY	(4) DRIRU FAULT TEST START	AACS		23109:46:401F	02-248/21:07:35	2ECa
550	249 06:29:36	32				END GYONBC32			23109:46:418F	02-248/21:07:36	2T
551	249 07:19:35	32				B- CCSTIMB			23110:49:001F	02-248/21:57:35	2TB
552	249 07:19:35	32				EXECUTE CCSTIMB FINE			23110:49:001F	02-248/21:57:35	2T

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
553	249 11:35:32	32		ACE ALL		END S/C-32 COMMAND MORATORIUM					2T
554	249 12:00:00	32				VGR-32 OWLT IS 09H 22M 01S					2L
555	249 17:44:28	32			AC7SSB	(4 +182) SS BIAS CONTROL --- YAW	AACS		23123:50:003F	02-249/08:22:23	2ECa
556	249 18:15:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9173					2DP
557	249 18:43:57	32	40 SET			10 DEGREE SET DSC-40					2V
558	250 00:00:00	32				VGR-32 OWLT IS 09H 22M 07S					2L
559	250 02:33:08	32	40RISE			10 DEGREE RISE DSC-40					2V
560	250 06:50:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9174 (D/L ONLY)					2DP
561	250 12:00:00	32				VGR-32 OWLT IS 09H 22M 12S					2L
562	250 15:00:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9174					2DP
563	250 18:39:58	32	40 SET			10 DEGREE SET DSC-40					2V
564	251 00:00:00	32				VGR-32 OWLT IS 09H 22M 17S					2L
565	251 02:29:10	32	40RISE			10 DEGREE RISE DSC-40					2V
566	251 07:00:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9175 (D/L ONLY)					2DP
567	251 12:00:00	32				VGR-32 OWLT IS 09H 22M 23S					2L
568	251 15:00:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9175					2DP
569	251 18:35:59	32	40 SET			10 DEGREE SET DSC-40					2V
570	252 00:00:00	32				VGR-32 OWLT IS 09H 22M 28S					2L
571	252 02:25:12	32	40RISE			10 DEGREE RISE DSC-40					2V
572	252 07:00:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9176 (D/L ONLY)					2DP
573	252 12:00:00	32				VGR-32 OWLT IS 09H 22M 33S					2L
574	252 18:25:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9176					2DP



FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
575	252 18:31:59	32	40	SET		10 DEGREE SET DSC-40					2V
576	253 00:00:00	32				VGR-32 OWLT IS 09H 22M 39S					2L
577	253 02:21:15	32	40	RISE		10 DEGREE RISE DSC-40					2V
578	253 06:45:00	32	43	AO	OPCH ACE	AOS DSS-43 PASS-9177 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
579	253 07:05:18	32	43		TRK DSS	<p>ASCAL PREP</p> <p>=====</p> <p>ANTENNA DRIVE TO PRECISION ONE (70 METER STATION ONLY) PRIME DATA SOURCE=X BAND AGC</p> <p>=====</p> <p>TURN CONSCAN -----&gt; OFF (IF ON)</p>					2TD
580	253 07:16:06	32			ACE OPCH	>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESF
581	253 07:16:06	32			ACE OPCH	>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=30 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					22EC
582	253 07:20:18	32				B- ASCAL			23230:49:001F	02-252/21:57:35	2TB
583	253 07:20:18	32				B- DREL40			23230:49:001F	02-252/21:57:35	2TB
584	253 07:20:18	32			SC06BB	(32 0 07 0) FDS MODE TO: EL-40 PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		23230:49:009F	02-252/21:57:36	2ECF
585	253 07:20:18	32	43		OPCH 43	<p>START ASCAL</p> <p>=====</p> <p>DSS-43: MONITOR X-BD AGC VARIATIONS DURING ASCAL IF X-BD RCVR DROPS LOCK INITIATE AUTO ACQUIRE</p>					2TD

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
586	253 07:21:06	32		ACE OPCH		FDS STATUS EL-40/X40/S40 MEM:PB/FDS11 SA/FDS11	FDS	CE-40	23230:50:001F	02-252/21:58:23	2ESf
587	253 07:21:06	32			CC3A	(30310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=30 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		23230:50:002F	02-252/21:58:23	2ECs
588	253 07:36:18	32				.05 ALL AXES DEADBAND			23231:09:001F	02-252/22:13:35	2T
589	253 07:36:18	32			AC7DDB	(000480) CHG TO .05 DEG DEADBAND	AACS		23231:09:003F	02-252/22:13:35	2ECa
590	253 07:52:18	32			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		23231:29:002F	02-252/22:29:35	2ECa
591	253 07:52:18	32				AACS STATUS MODE : AAI GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS		23231:29:002F	02-252/22:29:35	2ESa
592	253 07:52:18	32			CC7GARP	GYRO A OFF	PWR		23231:29:003F	02-252/22:29:35	2ECp
593	253 07:52:18	32			CC7GARP	GYRO A OFF	PWR		23231:29:005F	02-252/22:29:35	2ECp
594	253 07:52:18	32			CC7PC	(352) GYRO A OFF	AACS		23231:29:007F	02-252/22:29:36	2ECa
595	253 07:52:18	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		23231:29:007F	02-252/22:29:36	2ECp
596	253 07:52:18	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		23231:29:009F	02-252/22:29:36	2ECp
597	253 07:52:18	32			CC7PC	(312) DUMMY PWR CMD	AACS		23231:29:012F	02-252/22:29:36	2ECa
598	253 07:53:05	32	43	OPCH 43		ASCAL =====					2TD
599	253 07:53:06	32				START FIRST YAW DRIFT TURN			23231:30:001F	02-252/22:30:23	2T
600	253 07:53:06	32			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		23231:30:003F	02-252/22:30:23	2ECa

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
601	253 07:57:06	32			AC7PAR	(7015 764220) PARAMETER LOAD	AACS		23231:35:003F	02-252/22:34:23	2ECa
602	253 08:05:06	32			AC7PAR	(7015 013560) PARAMETER LOAD	AACS		23231:45:003F	02-252/22:42:23	2ECa
603	253 08:09:06	32			AC7PAR	(7015 000000) PARAMETER LOAD	AACS		23231:50:003F	02-252/22:46:23	2ECa
604	253 08:09:06	32	43	OPCH 43		ASCAL =====					2TD
						END YAW DRIFT TURNS					
605	253 08:09:07	32				END THIRD YAW DRIFT TURN			23231:50:018F	02-252/22:46:24	2T
606	253 08:09:53	32	43	OPCH 43		ASCAL =====					2TD
						START PITCH DRIFT TURNS					
607	253 08:09:54	32				START FIRST PITCH DRIFT TURN			23231:51:001F	02-252/22:47:11	2T
608	253 08:09:54	32			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		23231:51:003F	02-252/22:47:11	2ECa
609	253 08:13:54	32			AC7PAR	(7014 764220) PARAMETER LOAD	AACS		23231:56:003F	02-252/22:51:11	2ECa
610	253 08:21:55	32			AC7PAR	(7014 013560) PARAMETER LOAD	AACS		23232:06:003F	02-252/22:59:11	2ECa
611	253 08:25:54	32	43	OPCH 43		ASCAL =====					2TD
						END PITCH DRIFT TURNS					
612	253 08:25:55	32			AC7PAR	(7014 000000) PARAMETER LOAD	AACS		23232:11:003F	02-252/23:03:11	2ECa
613	253 08:25:56	32				END THIRD PITCH DRIFT TURN			23232:11:018F	02-252/23:03:12	2T
614	253 08:27:31	32			CC7SS	(1) SS SEARCH ENABLE	AACS		23232:13:001F	02-252/23:04:47	2ECa
615	253 08:27:31	32				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS	23232:13:001F	02-252/23:04:47	2ESa	

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
616	253 08:27:31	32			CC7PC	(327) IDET ACQUIRED	AACS		23232:13:002F	02-252/23:04:47	2ECa
617	253 08:27:31	32			CC7GARP	GYRO A OFF	PWR		23232:13:003F	02-252/23:04:47	2ECp
618	253 08:27:31	32			CC7GARP	GYRO A OFF	PWR		23232:13:005F	02-252/23:04:48	2ECp
619	253 08:27:31	32			CC7PC	(352) GYRO A OFF	AACS		23232:13:007F	02-252/23:04:48	2ECa
620	253 08:27:31	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		23232:13:008F	02-252/23:04:48	2ECp
621	253 08:27:31	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		23232:13:010F	02-252/23:04:48	2ECp
622	253 08:27:31	32			CC7PC	(312) DUMMY PWR CMD	AACS		23232:13:012F	02-252/23:04:48	2ECa
623	253 08:28:07	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
624	253 08:28:07	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
625	253 08:29:07	32			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		23232:15:001F	02-252/23:06:23	2ECa
626	253 08:30:12	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS		23232:16:285F	02-252/23:07:28	2ESa
627	253 08:30:12	32			CC7PC	(307) STAR ACQUIRED	AACS		23232:16:285F	02-252/23:07:28	2ECa
628	253 08:30:12	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		23232:16:286F	02-252/23:07:28	2ECp
629	253 08:30:12	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		23232:16:288F	02-252/23:07:28	2ECp
630	253 08:30:12	32			CC7PC	(312) DUMMY PWR CMD	AACS		23232:16:290F	02-252/23:07:29	2ECa
631	253 08:32:19	32				B- DRCRUS			23232:19:001F	02-252/23:09:35	2TB
632	253 08:32:19	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		23232:19:009F	02-252/23:09:36	2ECf

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
633	253 08:33:07	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	23232:20:001F	02-252/23:10:23	2ESf
634	253 08:33:07	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		23232:20:002F	02-252/23:10:23	2ECs
635	253 08:38:43	32				B- YAWDB			23232:27:001F	02-252/23:15:59	2TB
636	253 08:38:43	32				YAWDB - .10			23232:27:001F	02-252/23:15:59	2T
637	253 08:38:43	32				B- ROLLDB			23232:27:001F	02-252/23:15:59	2TB
638	253 08:38:43	32				ROLLDB - .25			23232:27:001F	02-252/23:15:59	2T
639	253 08:38:43	32			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		23232:27:003F	02-252/23:15:59	2ECa
640	253 08:38:43	32			AC7PAR	(6742 004540) +ROLL DB=.25 DEG	AACS		23232:27:005F	02-252/23:16:00	2ECa
641	253 08:38:44	32	43	OPCH 43		END ASCAL					2TD
642	253 08:40:19	32				RESTART GYRO FAULT TEST			23232:29:001F	02-252/23:17:35	2T
643	253 08:40:19	32			CC7GY	(4) DRIRU FAULT TEST START	AACS		23232:29:001F	02-252/23:17:35	2ECa
644	253 12:00:00	32				VGR-32 OWLT IS 09H 22M 44S					2L
645	253 14:36:21	32			AC7SSB	(4 +183) SS BIAS CONTROL --- YAW	AACS		23239:54:003F	02-253/05:13:35	2ECa
646	253 18:28:00	32	40	SET		10 DEGREE SET DSC-40					2V
647	253 18:45:00	32	43	LO	OPCH ACE	LOS DSS-43 PASS-9177					2DP
648	254 00:00:00	32				VGR-32 OWLT IS 09H 22M 50S					2L
649	254 02:17:17	32	40	RISE		10 DEGREE RISE DSC-40					2V
650	254 09:00:00	32	45	AO	OPCH ACE	AOS DSS-45 PASS-9178 (D/L ONLY)					2DP
651	254 12:00:00	32				VGR-32 OWLT IS 09H 22M 55S					2L

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
652	254 14:00:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9178 (D/L ONLY)					2DP
653	254 14:20:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9178					2DP
654	254 18:00:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9178					2DP
655	254 18:24:01	32	40 SET			10 DEGREE SET DSC-40					2V
656	255 00:00:00	32				VGR-32 OWLT IS 09H 23M 01S					2L
657	255 02:13:19	32	40RISE			10 DEGREE RISE DSC-40					2V
658	255 05:15:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9179 (D/L ONLY)					2DP
659	255 10:40:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9179					2DP
660	255 12:00:00	32				VGR-32 OWLT IS 09H 23M 06S					2L
661	255 14:10:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9179 (D/L ONLY)					2DP
662	255 18:00:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9179					2DP
663	255 18:12:59	32		ACE ALL		>>>>>>>> 1 HR WARNING <<<<<<<<< FOR S/C-32 COMMAND MORATORIUM					2T
664	255 18:20:02	32	40 SET			10 DEGREE SET DSC-40					2V
665	255 19:12:59	32		ACE ALL		BEGIN S/C-32 COMMAND MORATORIUM					2T
666	256 00:00:00	32				VGR-32 OWLT IS 09H 23M 12S					2L
667	256 02:09:22	32	40RISE			10 DEGREE RISE DSC-40					2V
668	256 07:10:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9180 (D/L ONLY)					2DP
669	256 07:17:27	32		ACE OPCH		>>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESF
670	256 07:17:27	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
671	256 07:20:51	32				B- MAGROLBC.32			23320:49:001F	02-255/21:57:35	2TB

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT 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	256 07:20:51	32				BEGIN MAGROLBC32			23320:49:001F	02-255/21:57:35	2T
673	256 07:20:51	32				B- YAW10			23320:49:001F	02-255/21:57:35	2TB
674	256 07:20:51	32				YAW10			23320:49:001F	02-255/21:57:35	2T
675	256 07:20:51	32			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		23320:49:004F	02-255/21:57:35	2ECa
676	256 07:21:40	32				B- DRRC5T			23320:50:018F	02-255/21:58:24	2TB
677	256 07:21:40	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		23320:50:025F	02-255/21:58:25	2ECf
678	256 07:22:27	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	23320:51:001F	02-255/21:59:11	2ESf
679	256 07:22:27	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		23320:51:002F	02-255/21:59:11	2ECs
680	256 07:28:52	32		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR COMMANDED TURN D/L AGC VARIATIONS EXPECTED					22EC
681	256 07:30:52	32			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		23321:01:419F	02-255/22:07:36	2ECa
682	256 07:30:52	32				AACS STATUS MODE : AAI GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS		23321:01:419F	02-255/22:07:36	2ESa
683	256 07:30:52	32			CC7GARP	GYRO A OFF	PWR		23321:01:419F	02-255/22:07:36	2ECp
684	256 07:30:52	32			CC7GARP	GYRO A OFF	PWR		23321:01:421F	02-255/22:07:36	2ECp
685	256 07:30:52	32			CC7PC	(352) GYRO A OFF	AACS		23321:01:423F	02-255/22:07:37	2ECa

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
686	256 07:30:52	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		23321:01:424F	02-255/22:07:37	2ECp
687	256 07:30:52	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		23321:01:426F	02-255/22:07:37	2ECp
688	256 07:30:52	32			CC7PC	(312) DUMMY PWR CMD	AACS		23321:01:428F	02-255/22:07:37	2ECa
689	256 07:33:52	32			AC7TCD	(322 033167) TURN COMMAND AXIS=ROLL POL=NEG RNG SCALE=X10	AACS		23321:05:219F	02-255/22:10:36	2ECa
690	256 11:58:52	32			SC32AJ	(10) PLS CONFIG CMD	FDS		23326:36:392F	02-256/02:35:35	2ECf
691	256 12:00:00	32				VGR-32 OWLT IS 09H 23M 17S					2L
692	256 12:31:59	32			SC32AJ	(11) PLS CONFIG CMD	FDS		23327:17:708F	02-256/03:08:42	2ECf
693	256 13:05:09	32				ROLL TURN COMPLETE (NOMINAL)			23327:59:251F	02-256/03:41:50	2T
694	256 13:07:35	32			CC7PC	(345) CMDED TURN COMPLETE	AACS		23328:02:290F	02-256/03:44:17	2ECa
695	256 13:12:55	32			SC32AJ	(15) PLS CONFIG CMD	FDS		23328:09:025F	02-256/03:49:37	2ECf
696	256 13:21:55	32				RESET CALIB			23328:20:218F	02-256/03:58:36	2T
697	256 13:21:55	32			AC7PAR	(7530 000000) PARAMETER LOAD	AACS		23328:20:220F	02-256/03:58:36	2ECa
698	256 13:22:25	32			CC7SS	(1) SS SEARCH ENABLE	AACS		23328:20:718F	02-256/03:59:06	2ECa
699	256 13:22:25	32				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS	23328:20:718F	02-256/03:59:06	2ESa	
700	256 13:22:25	32			CC7PC	(327) IDET ACQUIRED	AACS		23328:20:719F	02-256/03:59:06	2ECa
701	256 13:22:25	32			CC7GARP	GYRO A OFF	PWR		23328:20:719F	02-256/03:59:06	2ECp
702	256 13:22:25	32			CC7GARP	GYRO A OFF	PWR		23328:20:721F	02-256/03:59:07	2ECp
703	256 13:22:25	32			CC7PC	(352) GYRO A OFF	AACS		23328:20:724F	02-256/03:59:07	2ECa
704	256 13:22:25	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		23328:20:724F	02-256/03:59:07	2ECp
705	256 13:22:25	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		23328:20:726F	02-256/03:59:07	2ECp



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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
706	256 13:22:25	32			CC7PC	(312) DUMMY PWR CMD	AACS		23328:20:728F	02-256/03:59:07	2ECa
707	256 13:28:25	32			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		23328:28:318F	02-256/04:05:06	2ECa
708	256 13:29:30	32				GYROS OFF			23328:29:601F	02-256/04:06:11	2T
709	256 13:29:30	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS		23328:29:601F	02-256/04:06:11	2ESa
710	256 13:29:30	32			CC7PC	(307) STAR ACQUIRED	AACS		23328:29:602F	02-256/04:06:11	2ECa
711	256 13:29:30	32			CC7GCRP	GYRO C OFF	PWR		23328:29:602F	02-256/04:06:11	2ECp
712	256 13:29:30	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: OFF	AACS		23328:29:602F	02-256/04:06:11	2ESa
713	256 13:29:30	32			CC7GCRP	GYRO C OFF	PWR		23328:29:605F	02-256/04:06:11	2ECp
714	256 13:29:30	32			CC7PC	(372) GYRO C OFF	AACS		23328:29:607F	02-256/04:06:12	2ECa
715	256 13:29:30	32			CC7GBRP	GYRO B OFF	PWR		23328:29:607F	02-256/04:06:12	2ECp
716	256 13:29:30	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: OFF CST : ON GRYO C: OFF	AACS		23328:29:607F	02-256/04:06:12	2ESa
717	256 13:29:30	32			CC7GBRP	GYRO B OFF	PWR		23328:29:609F	02-256/04:06:12	2ECp
718	256 13:29:30	32			CC7PC	(362) GYRO B OFF	AACS		23328:29:611F	02-256/04:06:12	2ECa
719	256 13:29:30	32			CC7GARP	GYRO A OFF	PWR		23328:29:612F	02-256/04:06:12	2ECp
720	256 13:29:31	32			CC7GARP	GYRO A OFF	PWR		23328:29:614F	02-256/04:06:12	2ECp
721	256 13:29:31	32			CC7PC	(352) GYRO A OFF	AACS		23328:29:616F	02-256/04:06:12	2ECa

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
722	256 13:29:31	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		23328:29:617F	02-256/04:06:12	2ECp
723	256 13:29:31	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		23328:29:619F	02-256/04:06:12	2ECp
724	256 13:29:31	32			CC7PC	(312) DUMMY PWR CMD	AACS		23328:29:621F	02-256/04:06:12	2ECa
725	256 13:36:42	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
726	256 13:36:42	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
727	256 13:37:55	32				B- YAWDB			23328:40:218F	02-256/04:14:36	2TB
728	256 13:37:55	32				YAWDB - .10			23328:40:218F	02-256/04:14:36	2T
729	256 13:37:55	32			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		23328:40:220F	02-256/04:14:36	2ECa
730	256 13:40:55	32				B- DRCRUS			23328:44:018F	02-256/04:17:36	2TB
731	256 13:40:55	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		23328:44:026F	02-256/04:17:37	2ECf
732	256 13:41:42	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	23328:45:001F	02-256/04:18:23	2ESf
733	256 13:41:42	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		23328:45:002F	02-256/04:18:23	2ECs
734	256 13:41:43	32				END MAGROLBC32			23328:45:018F	02-256/04:18:24	2T
735	256 17:00:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9180					2DP
736	256 18:16:02	32	40 SET			10 DEGREE SET DSC-40					2V
737	257 00:00:00	32				VGR-32 OWLT IS 09H 23M 23S					2L

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
738	257 02:05:25	32	40RISE			10 DEGREE RISE DSC-40					2V
739	257 05:10:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9181 (D/L ONLY)					2DP
740	257 12:00:00	32				VGR-32 OWLT IS 09H 23M 28S					2L
741	257 13:10:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9181					2DP
742	257 18:12:03	32	40 SET			10 DEGREE SET DSC-40					2V
743	257 18:42:37	32		ACE ALL							2T
						END S/C-32 COMMAND MORATORIUM					
744	258 00:00:00	32				VGR-32 OWLT IS 09H 23M 34S					2L
745	258 02:01:28	32	40RISE			10 DEGREE RISE DSC-40					2V
746	258 06:55:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9182 (D/L ONLY)					2DP
747	258 12:00:00	32				VGR-32 OWLT IS 09H 23M 39S					2L
748	258 13:10:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9182 (D/L ONLY)					2DP
749	258 13:29:51	32				END GAIN32			23388:29:584F	02-258/04:06:10	2T
750	258 13:30:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9182					2DP
751	258 17:45:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9182					2DP
752	258 18:08:04	32	40 SET			10 DEGREE SET DSC-40					2V
753	259 00:00:00	32				VGR-32 OWLT IS 09H 23M 45S					2L
754	259 01:57:30	32	40RISE			10 DEGREE RISE DSC-40					2V
755	259 12:00:00	32				VGR-32 OWLT IS 09H 23M 51S					2L
756	259 12:00:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9183 (D/L ONLY)					2DP
757	259 12:17:27	32			AC7SSB	(4 +184) SS BIAS CONTROL --- YAW	AACS		23416:59:003F	02-259/02:53:35	2ECa
758	259 17:35:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9183					2DP
759	259 18:04:05	32	40 SET			10 DEGREE SET DSC-40					2V

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ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
760	260 00:00:00	32				VGR-32 OWLT IS 09H 23M 56S					2L
761	260 01:53:33	32	40RISE			10 DEGREE RISE DSC-40					2V
762	260 06:45:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9184 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
763	260 12:00:00	32				VGR-32 OWLT IS 09H 24M 02S					2L
764	260 16:55:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9184					2DP
765	260 18:00:06	32	40 SET			10 DEGREE SET DSC-40					2V
766	260 18:45:51	32		ACE ALL		>>>>>>> 1 HR WARNING <<<<<<<<<< FOR S/C-32 COMMAND MORATORIUM					2T
767	260 19:45:51	32		ACE ALL		BEGIN S/C-32 COMMAND MORATORIUM					2T
768	261 00:00:00	32				VGR-32 OWLT IS 09H 24M 07S					2L
769	261 01:49:37	32	40RISE			10 DEGREE RISE DSC-40					2V
770	261 05:05:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9185 (D/L ONLY)					2DP
771	261 05:23:58	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
772	261 05:23:58	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					22EC
773	261 05:24:46	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
774	261 05:24:46	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
775	261 05:28:10	32				B- BASLIN.32			23468:27:001F	02-260/20:03:59	2TB
776	261 05:28:10	32				BEGIN PWSREC			23468:27:001F	02-260/20:03:59	2T

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
777	261 05:28:10	32				B- DRGS4B			23468:27:001F	02-260/20:03:59	2TB
778	261 05:28:10	32				INITIATE PWSREC CYCLIC			23468:27:001F	02-260/20:03:59	2T
779	261 05:28:10	32				PWSREC LOOPS=6D23H36M 52 TIMES			23468:27:001F	02-260/20:03:59	2T
780	261 05:28:10	32				B- DAIN.32			23468:27:001F	02-260/20:03:59	2TB
781	261 05:28:10	32				BEGIN DAIN32			23468:27:001F	02-260/20:03:59	2T
782	261 05:28:10	32			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		23468:27:009F	02-260/20:04:00	2ECf
783	261 05:28:54	32				BEGIN RECORDING PWS DATA			23468:27:734F	02-260/20:04:43	2T
784	261 05:28:54	32			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		23468:27:735F	02-260/20:04:43	2ECd
785	261 05:28:54	32				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:0550	DTR		23468:27:735F	02-260/20:04:43	2ESd
786	261 05:28:58	32		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PB/FDS11 SA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	23468:28:001F	02-260/20:04:47	2ESf
787	261 05:28:58	32			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		23468:28:001F	02-260/20:04:47	2ECs
788	261 05:28:59	32				B- DRCRUS			23468:28:018F	02-260/20:04:48	2TB
789	261 05:28:59	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		23468:28:025F	02-260/20:04:49	2ECf

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
790	261 05:29:46	32		ACE OPCH			FDS	CR-5T	23468:29:001F	02-260/20:05:35	2ESf
						FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11					
791	261 05:29:46	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		23468:29:001F	02-260/20:05:35	2ECd
792	261 05:29:46	32					DTR		23468:29:001F	02-260/20:05:35	2ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:0841					
793	261 05:29:46	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		23468:29:002F	02-260/20:05:35	2ECs
794	261 05:29:47	32				END PWSREC			23468:29:018F	02-260/20:05:36	2T
795	261 12:00:00	32				VGR-32 OWLT IS 09H 24M 13S					2L
796	261 13:59:14	32		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN D/L CARRIER SIG LEVEL					22EC
797	261 14:04:14	32				X BAND LOW POWER			23479:12:001F	02-261/04:39:59	2T
798	261 14:04:14	32			DC2HR	X-BAND TWT LOW POWER	RFS		23479:12:002F	02-261/04:39:59	2ECr
799	261 14:08:14	32				END PWPBA32			23479:17:001F	02-261/04:43:59	2T
800	261 14:08:14	32			CC1T	BAY 1 HTR ON	PWR		23479:17:002F	02-261/04:43:59	2ECp
801	261 14:45:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9185					2DP
802	261 17:56:08	32	40 SET			10 DEGREE SET DSC-40					2V
803	262 00:00:00	32				VGR-32 OWLT IS 09H 24M 19S					2L
804	262 01:45:40	32	40RISE			10 DEGREE RISE DSC-40					2V
805	262 05:10:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9186 (D/L ONLY)					2DP
806	262 12:00:00	32				VGR-32 OWLT IS 09H 24M 24S					2L

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
807	262 15:50:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9186					2DP
808	262 17:52:09	32	40 SET			10 DEGREE SET DSC-40					2V
809	262 19:19:29	32		ACE ALL		END S/C-32 COMMAND MORATORIUM					2T
810	263 00:00:00	32				VGR-32 OWLT IS 09H 24M 30S					2L
811	263 01:41:43	32	40RISE			10 DEGREE RISE DSC-40					2V
812	263 06:50:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9187 (D/L ONLY)					2DP
813	263 12:00:00	32				VGR-32 OWLT IS 09H 24M 36S					2L
814	263 14:08:38	32				END BASLIN			23539:17:018F	02-263/04:44:00	2T
815	263 17:48:10	32	40 SET			10 DEGREE SET DSC-40					2V
816	263 18:05:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9187					2DP
817	264 00:00:00	32				VGR-32 OWLT IS 09H 24M 41S					2L
818	264 01:37:47	32	40RISE			10 DEGREE RISE DSC-40					2V
819	264 05:00:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9188 (D/L ONLY)					2DP
820	264 12:00:00	32				VGR-32 OWLT IS 09H 24M 47S					2L
821	264 17:20:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9188					2DP
822	264 17:44:11	32	40 SET			10 DEGREE SET DSC-40					2V
823	265 00:00:00	32				VGR-32 OWLT IS 09H 24M 53S					2L
824	265 01:33:50	32	40RISE			10 DEGREE RISE DSC-40					2V
825	265 06:16:08	32			AC7SSB	(3 -017) SS BIAS CONTROL - PITCH	AACS		23589:26:003F	02-264/20:51:11	2ECa
826	265 07:45:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9189 (D/L ONLY)					2DP
827	265 09:58:34	32			AC7SSB	(4 +185) SS BIAS CONTROL --- YAW	AACS		23594:04:003F	02-265/00:33:35	2ECa
828	265 12:00:00	32				VGR-32 OWLT IS 09H 24M 59S					2L

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
829	265 17:10:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9189					2DP
830	265 17:40:13	32	40 SET			10 DEGREE SET DSC-40					2V
831	266 00:00:00	32				VGR-32 OWLT IS 09H 25M 04S					2L
832	266 01:29:54	32	40RISE			10 DEGREE RISE DSC-40					2V
833	266 07:30:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9190 (D/L ONLY)					2DP
834	266 12:00:00	32				VGR-32 OWLT IS 09H 25M 10S					2L
835	266 16:40:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9190					2DP
836	266 17:36:14	32	40 SET			10 DEGREE SET DSC-40					2V
837	267 00:00:00	32				VGR-32 OWLT IS 09H 25M 16S					2L
838	267 01:15:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9191 (D/L ONLY)					2DP
839	267 01:25:58	32	40RISE			10 DEGREE RISE DSC-40					2V
840	267 09:15:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9191					2DP
841	267 12:00:00	32				VGR-32 OWLT IS 09H 25M 22S					2L
842	267 17:32:15	32	40 SET			10 DEGREE SET DSC-40					2V
843	268 00:00:00	32				VGR-32 OWLT IS 09H 25M 27S					2L
844	268 01:22:01	32	40RISE			10 DEGREE RISE DSC-40					2V
845	268 05:01:18	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
846	268 05:01:18	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					22EC
847	268 05:02:06	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf



FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
848	268 05:02:06	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
849	268 05:05:30	32				BEGIN PWSREC			23677:57:001F	02-267/19:39:59	2T
850	268 05:05:30	32				B- DRGS4B			23677:57:001F	02-267/19:39:59	2TB
851	268 05:05:30	32			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		23677:57:009F	02-267/19:40:00	2ECf
852	268 05:06:14	32				BEGIN RECORDING PWS DATA			23677:57:734F	02-267/19:40:43	2T
853	268 05:06:14	32			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		23677:57:735F	02-267/19:40:43	2ECd
854	268 05:06:14	32				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:0848	DTR		23677:57:735F	02-267/19:40:43	2ESd
855	268 05:06:18	32		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PB/FDS11 SA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	23677:58:001F	02-267/19:40:47	2ESf
856	268 05:06:18	32			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		23677:58:002F	02-267/19:40:47	2ECs
857	268 05:06:19	32				B- DRCRUS			23677:58:018F	02-267/19:40:48	2TB
858	268 05:06:19	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		23677:58:025F	02-267/19:40:49	2ECf

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
859	268 05:07:06	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	23677:59:001F	02-267/19:41:35	2ESf
860	268 05:07:06	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		23677:59:001F	02-267/19:41:35	2ECd
861	268 05:07:06	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1139	DTR		23677:59:001F	02-267/19:41:35	2ESd
862	268 05:07:06	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		23677:59:002F	02-267/19:41:35	2ECs
863	268 05:07:07	32				END PWSREC			23677:59:018F	02-267/19:41:36	2T
864	268 06:31:43	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
865	268 06:31:43	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	268 06:31:55	32				BEGIN PMPCALLR			23679:45:001F	02-267/21:06:23	2T
867	268 06:31:55	32				INITIATE PMPCAL CYCLIC			23679:45:001F	02-267/21:06:23	2T
868	268 06:31:55	32				PMPCAL LOOPS=27D22H24M 13 TIMES			23679:45:001F	02-267/21:06:23	2T
869	268 06:35:55	32				B- DRRC5T			23679:50:001F	02-267/21:10:23	2TB
870	268 06:35:55	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		23679:50:008F	02-267/21:10:24	2ECf

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
871	268 06:36:43	32		ACE OPCH			FDS	CR-5T	23679:51:001F	02-267/21:11:11	2ESf
									FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11		
872	268 06:36:43	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		23679:51:001F	02-267/21:11:11	2ECs
873	268 06:43:07	32			SC06BY	(7) FDS PLS/MAG/PESCAL FLAG PLSCAL ENABLED MAGCAL ENABLED PESCAL ENABLED	FDS		23679:59:008F	02-267/21:17:36	2ECf
874	268 06:43:55	32				BEGIN PLS/MAG/PESCAL			23680:00:001F	02-267/21:18:23	2T
875	268 07:00:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9192 (D/L ONLY)					2DP
876	268 08:26:20	32				END PLSCAL			23682:08:001F	02-267/23:00:47	2T
877	268 09:46:20	32				END MAGCAL			23683:48:001F	02-268/00:20:47	2T
878	268 09:59:44	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
879	268 09:59:44	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
880	268 10:03:56	32				END PESCAL			23684:10:001F	02-268/00:38:23	2T
881	268 10:03:56	32				B- DRCRUS			23684:10:001F	02-268/00:38:23	2TB
882	268 10:03:56	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		23684:10:009F	02-268/00:38:24	2ECf

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT 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	268 10:04:44	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	23684:11:001F	02-268/00:39:11	2ESf
884	268 10:04:44	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		23684:11:002F	02-268/00:39:11	2ECs
885	268 10:04:45	32				END PMPCALLR			23684:11:018F	02-268/00:39:12	2T
886	268 12:00:00	32				VGR-32 OWLT IS 09H 25M 33S					2L
887	268 15:00:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9192					2DP
888	268 17:28:17	32	40 SET			10 DEGREE SET DSC-40					2V
889	269 00:00:00	32				VGR-32 OWLT IS 09H 25M 39S					2L
890	269 01:18:06	32	40RISE			10 DEGREE RISE DSC-40					2V
891	269 06:50:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9193 (D/L ONLY)					2DP
892	269 12:00:00	32				VGR-32 OWLT IS 09H 25M 45S					2L
893	269 13:15:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9193					2DP
894	269 17:24:18	32	40 SET			10 DEGREE SET DSC-40					2V
895	270 00:00:00	32				VGR-32 OWLT IS 09H 25M 51S					2L
896	270 01:14:10	32	40RISE			10 DEGREE RISE DSC-40					2V
897	270 05:30:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9194 (D/L ONLY)					2DP
898	270 12:00:00	32				VGR-32 OWLT IS 09H 25M 57S					2L
899	270 16:50:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9194					2DP
900	270 17:20:20	32	40 SET			10 DEGREE SET DSC-40					2V
901	271 00:00:00	32				VGR-32 OWLT IS 09H 26M 02S					2L
902	271 01:10:14	32	40RISE			10 DEGREE RISE DSC-40					2V

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
903	271 06:45:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9195 (D/L ONLY)					2DP
904	271 07:39:42	32			AC7SSB	(4 +186) SS BIAS CONTROL --- YAW	AACS		23771:09:003F	02-270/22:13:35	2ECa
905	271 12:00:00	32				VGR-32 OWLT IS 09H 26M 08S					2L
906	271 17:00:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9195					2DP
907	271 17:16:22	32	40 SET			10 DEGREE SET DSC-40					2V
908	272 00:00:00	32				VGR-32 OWLT IS 09H 26M 14S					2L
909	272 01:06:18	32	40RISE			10 DEGREE RISE DSC-40					2V
910	272 10:30:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9196 (D/L ONLY)					2DP
911	272 12:00:00	32				VGR-32 OWLT IS 09H 26M 20S					2L
912	272 16:45:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9196					2DP
913	272 17:12:23	32	40 SET			10 DEGREE SET DSC-40					2V
914	272 17:35:59	32			AC7SSB	(3 -016) SS BIAS CONTROL - PITCH	AACS		23813:34:003F	02-272/08:09:35	2ECa
915	273 00:00:00	32				VGR-32 OWLT IS 09H 26M 26S					2L
916	273 01:02:23	32	40RISE			10 DEGREE RISE DSC-40					2V
917	273 06:40:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9197 (D/L ONLY)					2DP
918	273 12:00:00	32				VGR-32 OWLT IS 09H 26M 32S					2L
919	273 16:45:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9197					2DP
920	273 17:08:25	32	40 SET			10 DEGREE SET DSC-40					2V
921	274 00:00:00	32				VGR-32 OWLT IS 09H 26M 37S					2L
922	274 00:58:27	32	40RISE			10 DEGREE RISE DSC-40					2V
923	274 06:40:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9198 (D/L ONLY)					2DP
924	274 10:45:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9198 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
925	274 10:50:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9198					2DP

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
926	274 12:00:00	32				VGR-32 OWLT IS 09H 26M 43S					2L
927	274 16:10:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9198					2DP
928	274 17:04:27	32	40 SET			10 DEGREE SET DSC-40					2V
929	275 00:00:00	32				VGR-32 OWLT IS 09H 26M 49S					2L
930	275 00:54:32	32	40RISE			10 DEGREE RISE DSC-40					2V
931	275 04:38:40	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
932	275 04:38:40	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					22EC
933	275 04:39:28	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
934	275 04:39:28	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
935	275 04:42:52	32				BEGIN PWSREC			23887:27:001F	02-274/19:15:59	2T
936	275 04:42:52	32				B- DRGS4B			23887:27:001F	02-274/19:15:59	2TB
937	275 04:42:52	32			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		23887:27:009F	02-274/19:16:00	2ECf
938	275 04:43:36	32				BEGIN RECORDING PWS DATA			23887:27:734F	02-274/19:16:43	2T
939	275 04:43:36	32			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		23887:27:735F	02-274/19:16:43	2ECd
940	275 04:43:36	32				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:1146	DTR		23887:27:735F	02-274/19:16:43	2ESd

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
941	275 04:43:40	32		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PB/FDS11 SA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	23887:28:001F	02-274/19:16:47	2ESf
942	275 04:43:40	32			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		23887:28:002F	02-274/19:16:47	2ECs
943	275 04:43:41	32				B- DRCRUS			23887:28:018F	02-274/19:16:48	2TB
944	275 04:43:41	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		23887:28:025F	02-274/19:16:49	2ECf
945	275 04:44:28	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	23887:29:001F	02-274/19:17:35	2ESf
946	275 04:44:28	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		23887:29:001F	02-274/19:17:35	2ECd
947	275 04:44:28	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1437	DTR		23887:29:001F	02-274/19:17:35	2ESd
948	275 04:44:28	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		23887:29:002F	02-274/19:17:35	2ECs
949	275 04:44:29	32				END PWSREC			23887:29:018F	02-274/19:17:36	2T
950	275 06:40:00	32	43	AO	OPCH ACE	AOS DSS-43 PASS-9199 (D/L ONLY)					2DP
951	275 10:50:00	32	34	AO	OPCH ACE	AOS DSS-34 PASS-9199 (D/L ONLY)					2DP

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
952	275 11:10:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9199					2DP
953	275 12:00:00	32				VGR-32 OWLT IS 09H 26M 55S					2L
954	275 16:30:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9199					2DP
955	275 17:00:29	32	40 SET			10 DEGREE SET DSC-40					2V
956	276 00:00:00	32				VGR-32 OWLT IS 09H 27M 01S					2L
957	276 00:50:37	32	40RISE			10 DEGREE RISE DSC-40					2V
958	276 09:35:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9200 (D/L ONLY)					2DP
959	276 12:00:00	32				VGR-32 OWLT IS 09H 27M 07S					2L
960	276 14:35:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9200 (D/L ONLY)					2DP
961	276 14:55:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9200					2DP
962	276 16:50:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9200					2DP
963	276 16:56:31	32	40 SET			10 DEGREE SET DSC-40					2V
964	277 00:00:00	32				VGR-32 OWLT IS 09H 27M 13S					2L
965	277 00:46:42	32	40RISE			10 DEGREE RISE DSC-40					2V
966	277 05:20:51	32			AC7SSB	(4 +187) SS BIAS CONTROL --- YAW	AACS		23948:14:003F	02-276/19:53:35	2ECa
967	277 06:05:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9201 (D/L ONLY)					2DP
968	277 10:25:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9201 (D/L ONLY)					2DP
969	277 10:45:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9201					2DP
970	277 12:00:00	32				VGR-32 OWLT IS 09H 27M 19S					2L
971	277 16:45:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9201					2DP
972	277 16:52:33	32	40 SET			10 DEGREE SET DSC-40					2V
973	278 00:00:00	32				VGR-32 OWLT IS 09H 27M 25S					2L
974	278 00:42:47	32	40RISE			10 DEGREE RISE DSC-40					2V



FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
975	278 06:35:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9202 (D/L ONLY)					2DP
976	278 12:00:00	32				VGR-32 OWLT IS 09H 27M 30S					2L
977	278 16:35:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9202					2DP
978	278 16:48:35	32	40 SET			10 DEGREE SET DSC-40					2V
979	279 00:00:00	32				VGR-32 OWLT IS 09H 27M 36S					2L
980	279 00:38:52	32	40RISE			10 DEGREE RISE DSC-40					2V
981	279 10:30:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9203 (D/L ONLY)					2DP
982	279 12:00:00	32				VGR-32 OWLT IS 09H 27M 42S					2L
983	279 16:44:38	32	40 SET			10 DEGREE SET DSC-40					2V
984	279 16:50:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9203					2DP
985	280 00:00:00	32				VGR-32 OWLT IS 09H 27M 48S					2L
986	280 00:34:57	32	40RISE			10 DEGREE RISE DSC-40					2V
987	280 04:55:51	32			AC7SSB	(3 -015) SS BIAS CONTROL - PITCH	AACS		24037:42:003F	02-279/19:27:59	2ECa
988	280 06:35:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9204 (D/L ONLY)					2DP
989	280 12:00:00	32				VGR-32 OWLT IS 09H 27M 54S					2L
990	280 16:10:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9204					2DP
991	280 16:40:40	32	40 SET			10 DEGREE SET DSC-40					2V
992	281 00:00:00	32				VGR-32 OWLT IS 09H 28M 00S					2L
993	281 00:31:02	32	40RISE			10 DEGREE RISE DSC-40					2V
994	281 07:45:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9205 (D/L ONLY)					2DP
995	281 12:00:00	32				VGR-32 OWLT IS 09H 28M 06S					2L
996	281 15:10:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9205					2DP
997	281 16:36:42	32	40 SET			10 DEGREE SET DSC-40					2V

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
998	282 00:00:00	32				VGR-32 OWLT IS 09H 28M 12S					2L
999	282 00:27:08	32	40RISE			10 DEGREE RISE DSC-40					2V
1000	282 02:05:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9206 (D/L ONLY)					2DP
1001	282 04:16:02	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
1002	282 04:16:02	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					22EC
1003	282 04:16:50	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
1004	282 04:16:50	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
1005	282 04:20:14	32				BEGIN PWSREC			24096:57:001F	02-281/18:51:59	2T
1006	282 04:20:14	32				B- DRGS4B			24096:57:001F	02-281/18:51:59	2TB
1007	282 04:20:14	32			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		24096:57:009F	02-281/18:52:00	2ECf
1008	282 04:20:58	32				BEGIN RECORDING PWS DATA			24096:57:734F	02-281/18:52:43	2T
1009	282 04:20:58	32			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		24096:57:735F	02-281/18:52:43	2ECd
1010	282 04:20:58	32				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:1444	DTR		24096:57:735F	02-281/18:52:43	2ESd

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1011	282 04:21:02	32		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PB/FDS11 SA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	24096:58:001F	02-281/18:52:47	2ESf
1012	282 04:21:02	32			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		24096:58:002F	02-281/18:52:47	2ECs
1013	282 04:21:03	32				B- DRCRUS			24096:58:018F	02-281/18:52:48	2TB
1014	282 04:21:03	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		24096:58:025F	02-281/18:52:49	2ECf
1015	282 04:21:50	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	24096:59:001F	02-281/18:53:35	2ESf
1016	282 04:21:50	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		24096:59:001F	02-281/18:53:35	2ECd
1017	282 04:21:50	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:1735	DTR		24096:59:001F	02-281/18:53:35	2ESd
1018	282 04:21:50	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		24096:59:002F	02-281/18:53:35	2ECs
1019	282 04:21:51	32				END PWSREC			24096:59:018F	02-281/18:53:36	2T
1020	282 06:25:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9206					2DP
1021	282 12:00:00	32				VGR-32 OWLT IS 09H 28M 18S					2L

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1022	282 12:45:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9206 (D/L ONLY)					2DP
1023	282 16:05:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9206					2DP
1024	282 16:32:45	32	40 SET			10 DEGREE SET DSC-40					2V
1025	283 00:00:00	32				VGR-32 OWLT IS 09H 28M 24S					2L
1026	283 00:23:13	32	40RISE			10 DEGREE RISE DSC-40					2V
1027	283 03:02:01	32			AC7SSB	(4 +188) SS BIAS CONTROL --- YAW	AACS		24125:19:003F	02-282/17:33:35	2ECa
1028	283 06:45:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9207 (D/L ONLY)					2DP
1029	283 12:00:00	32				VGR-32 OWLT IS 09H 28M 30S					2L
1030	283 16:25:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9207					2DP
1031	283 16:28:47	32	40 SET			10 DEGREE SET DSC-40					2V
1032	284 00:00:00	32				VGR-32 OWLT IS 09H 28M 36S					2L
1033	284 00:19:19	32	40RISE			10 DEGREE RISE DSC-40					2V
1034	284 01:15:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9208 (D/L ONLY)					2DP
1035	284 04:25:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9208					2DP
1036	284 11:15:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9208 (D/L ONLY)					2DP
1037	284 11:15:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9208 (D/L ONLY)					2DP
1038	284 12:00:00	32				VGR-32 OWLT IS 09H 28M 41S					2L
1039	284 15:55:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9208					2DP
1040	284 15:55:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9208					2DP
1041	284 16:24:50	32	40 SET			10 DEGREE SET DSC-40					2V
1042	285 00:00:00	32				VGR-32 OWLT IS 09H 28M 47S					2L
1043	285 00:15:25	32	40RISE			10 DEGREE RISE DSC-40					2V
1044	285 05:40:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9209 (D/L ONLY)					2DP

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1045	285 12:00:00	32				VGR-32 OWLT IS 09H 28M 53S					2L
1046	285 15:50:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9209					2DP
1047	285 16:20:52	32	40 SET			10 DEGREE SET DSC-40					2V
1048	286 00:00:00	32				VGR-32 OWLT IS 09H 28M 59S					2L
1049	286 00:11:31	32	40RISE			10 DEGREE RISE DSC-40					2V
1050	286 02:50:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9210 (D/L ONLY)					2DP
1051	286 12:00:00	32				VGR-32 OWLT IS 09H 29M 05S					2L
1052	286 12:20:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9210					2DP
1053	286 16:16:55	32	40 SET			10 DEGREE SET DSC-40					2V
1054	287 00:00:00	32				VGR-32 OWLT IS 09H 29M 11S					2L
1055	287 00:07:37	32	40RISE			10 DEGREE RISE DSC-40					2V
1056	287 04:30:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9211 (D/L ONLY)					2DP
1057	287 07:45:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9211					2DP
1058	287 10:45:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9211 (D/L ONLY)					2DP
1059	287 10:45:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9211 (D/L ONLY)					2DP
1060	287 12:00:00	32				VGR-32 OWLT IS 09H 29M 17S					2L
1061	287 15:45:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9211					2DP
1062	287 15:45:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9211					2DP
1063	287 16:12:58	32	40 SET			10 DEGREE SET DSC-40					2V
1064	287 16:15:43	32			AC7SSB	(3 -014) SS BIAS CONTROL - PITCH	AACS		24261:50:003F	02-287/06:46:23	2ECa
1065	288 00:00:00	32				VGR-32 OWLT IS 09H 29M 23S					2L
1066	288 00:03:43	32	40RISE			10 DEGREE RISE DSC-40					2V
1067	288 06:45:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9212 (D/L ONLY)					2DP

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1068	288 12:00:00	32				VGR-32 OWLT IS 09H 29M 29S					2L
1069	288 13:30:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9212 (D/L ONLY)					2DP
1070	288 13:50:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9212					2DP
1071	288 15:40:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9212					2DP
1072	288 16:09:01	32	40 SET			10 DEGREE SET DSC-40					2V
1073	288 23:59:49	32	40RISE			10 DEGREE RISE DSC-40					2V
1074	289 00:00:00	32				VGR-32 OWLT IS 09H 29M 35S					2L
1075	289 03:53:25	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
1076	289 03:53:25	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					22EC
1077	289 03:54:13	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
1078	289 03:54:13	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
1079	289 03:57:37	32				BEGIN PWSREC			24306:27:001F	02-288/18:27:59	2T
1080	289 03:57:37	32				B- DRGS4B			24306:27:001F	02-288/18:27:59	2TB
1081	289 03:57:37	32			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B FDS PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY			24306:27:009F	02-288/18:28:00	2ECf
1082	289 03:58:21	32				BEGIN RECORDING PWS DATA			24306:27:734F	02-288/18:28:43	2T
1083	289 03:58:21	32			CC16C	(3000) DTR STATE SELECT:115.2REC DTR			24306:27:735F	02-288/18:28:43	2ECd

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1084	289 03:58:21	32				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:1742	DTR		24306:27:735F	02-288/18:28:43	2ESd
1085	289 03:58:25	32		ACE	OPCH	FDS STATUS GS-4B/X2.8K/S40 MEM:PB/FDS11 SA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	24306:28:001F	02-288/18:28:47	2ESf
1086	289 03:58:25	32			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		24306:28:002F	02-288/18:28:47	2ECs
1087	289 03:58:26	32				B- DRCRUS			24306:28:018F	02-288/18:28:48	2TB
1088	289 03:58:26	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		24306:28:025F	02-288/18:28:49	2ECf
1089	289 03:59:13	32		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	24306:29:001F	02-288/18:29:35	2ESf
1090	289 03:59:13	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		24306:29:001F	02-288/18:29:35	2ECd
1091	289 03:59:13	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2033	DTR		24306:29:001F	02-288/18:29:35	2ESd
1092	289 03:59:13	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		24306:29:002F	02-288/18:29:35	2ECs

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1093	289 03:59:14	32				END PWSREC			24306:29:018F	02-288/18:29:36	2T
1094	289 05:00:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9213 (D/L ONLY)					2DP
1095	289 12:00:00	32				VGR-32 OWLT IS 09H 29M 41S					2L
1096	289 15:35:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9213					2DP
1097	289 16:05:04	32	40	SET		10 DEGREE SET DSC-40					2V
1098	289 23:55:55	32	40	RISE		10 DEGREE RISE DSC-40					2V
1099	290 00:00:00	32				VGR-32 OWLT IS 09H 29M 46S					2L
1100	290 06:25:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9214 (D/L ONLY)					2DP
1101	290 12:00:00	32				VGR-32 OWLT IS 09H 29M 52S					2L
1102	290 16:00:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9214					2DP
1103	290 16:01:07	32	40	SET		10 DEGREE SET DSC-40					2V
1104	290 17:30:25	32		ACE ALL		>>>>>>>> 1 HR WARNING <<<<<<<<< FOR S/C-32 COMMAND MORATORIUM					2T
1105	290 18:30:25	32		ACE ALL		BEGIN S/C-32 COMMAND MORATORIUM					2T
1106	290 23:52:02	32	40	RISE		10 DEGREE RISE DSC-40					2V
1107	291 00:00:00	32				VGR-32 OWLT IS 09H 29M 58S					2L
1108	291 02:35:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9215 (D/L ONLY)					2DP
1109	291 06:45:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9215					2DP
1110	291 11:45:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9215 (D/L ONLY)					2DP
1111	291 12:00:00	32				VGR-32 OWLT IS 09H 30M 04S					2L
1112	291 13:00:29	32				B- GYONBC.32			24377:45:001F	02-291/03:30:23	2TB
1113	291 13:00:29	32				BEGIN GYONBC32			24377:45:001F	02-291/03:30:23	2T



FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1114	291 13:00:29	32			AC7GYP	(111) DRIRU PATTERN CONTROL GYRO/AXIS=B/PITCH C/YAW & ROLL	AACS		24377:45:003F	02-291/03:30:23	2ECa
1115	291 13:00:29	32			CC7GARP	GYRO A OFF	PWR		24377:45:004F	02-291/03:30:23	2ECp
1116	291 13:00:29	32			CC7GARP	GYRO A OFF	PWR		24377:45:006F	02-291/03:30:24	2ECp
1117	291 13:00:29	32			CC7PC	(352) GYRO A OFF	AACS		24377:45:008F	02-291/03:30:24	2ECa
1118	291 13:00:29	32			CC7GCP	GYRO C ON	PWR		24377:45:009F	02-291/03:30:24	2ECp
1119	291 13:00:29	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: OFF CST : ON GRYO C: ON	AACS	24377:45:009F	02-291/03:30:24	2ESa	
1120	291 13:00:29	32			CC7GCP	GYRO C ON	PWR		24377:45:011F	02-291/03:30:24	2ECp
1121	291 13:00:29	32			CC7PC	(373) GYRO C ON	AACS		24377:45:013F	02-291/03:30:24	2ECa
1122	291 13:00:30	32			CC7GBP	GYRO B ON	PWR		24377:45:013F	02-291/03:30:24	2ECp
1123	291 13:00:30	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS	24377:45:013F	02-291/03:30:24	2ESa	
1124	291 13:00:30	32			CC7GBP	GYRO B ON	PWR		24377:45:015F	02-291/03:30:24	2ECp
1125	291 13:00:30	32			CC7PC	(363) GYRO B ON	AACS		24377:45:017F	02-291/03:30:24	2ECa
1126	291 13:00:58	32				DRIRU INITIALIZATION			24377:45:484F	02-291/03:30:52	2T
1127	291 13:00:59	32			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		24377:45:501F	02-291/03:30:53	2ECa
1128	291 13:01:28	32				SET CALIB			24377:46:184F	02-291/03:31:22	2T
1129	291 13:01:29	32			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		24377:46:203F	02-291/03:31:23	2ECa
1130	291 13:10:28	32				START GYRO FAULT TEST			24377:57:384F	02-291/03:40:22	2T
1131	291 13:10:29	32			CC7GY	(4) DRIRU FAULT TEST START	AACS		24377:57:401F	02-291/03:40:23	2ECa

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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
1132	291 13:10:30	32				END GYONBC32			24377:57:418F	02-291/03:40:24	2T
1133	291 15:55:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9215					2DP
1134	291 15:57:10	32	40 SET			10 DEGREE SET DSC-40					2V
1135	291 23:48:08	32	40RISE			10 DEGREE RISE DSC-40					2V
1136	292 00:00:00	32				VGR-32 OWLT IS 09H 30M 10S					2L
1137	292 06:25:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9216 (D/L ONLY)					2DP
1138	292 12:00:00	32				VGR-32 OWLT IS 09H 30M 16S					2L
1139	292 15:25:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9216					2DP
1140	292 15:53:13	32	40 SET			10 DEGREE SET DSC-40					2V
1141	292 18:00:02	32		ACE ALL		END S/C-32 COMMAND MORATORIUM					2T
1142	292 23:44:15	32	40RISE			10 DEGREE RISE DSC-40					2V
1143	293 00:00:00	32				VGR-32 OWLT IS 09H 30M 22S					2L
1144	293 00:10:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9217 (D/L ONLY)					2DP
1145	293 12:00:00	32				VGR-32 OWLT IS 09H 30M 28S					2L
1146	293 15:20:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9217					2DP
1147	293 15:49:16	32	40 SET			10 DEGREE SET DSC-40					2V
1148	293 23:40:22	32	40RISE			10 DEGREE RISE DSC-40					2V
1149	294 00:00:00	32				VGR-32 OWLT IS 09H 30M 33S					2L
1150	294 02:25:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9218 (D/L ONLY)					2DP
1151	294 12:00:00	32				VGR-32 OWLT IS 09H 30M 39S					2L
1152	294 13:30:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9218					2DP
1153	294 15:45:20	32	40 SET			10 DEGREE SET DSC-40					2V

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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
1154	294 23:36:28	32	40RISE			10 DEGREE RISE DSC-40					2V
1155	295 00:00:00	32				VGR-32 OWLT IS 09H 30M 45S					2L
1156	295 03:35:35	32			AC7SSB	(3 -013) SS BIAS CONTROL - PITCH	AACS		24485:58:002F	02-294/18:04:47	2ECa
1157	295 05:30:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9219 (D/L ONLY)					2DP
1158	295 11:01:15	32				B- MISCMD			24495:15:001F	02-295/01:30:23	2TB
1159	295 11:01:15	32				MISCMD - Gyro Init			24495:15:001F	02-295/01:30:23	2T
1160	295 11:01:15	32			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		24495:15:001F	02-295/01:30:23	2ECa
1161	295 12:00:00	32				VGR-32 OWLT IS 09H 30M 51S					2L
1162	295 15:40:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9219					2DP
1163	295 15:41:23	32	40 SET			10 DEGREE SET DSC-40					2V
1164	295 23:32:35	32	40RISE			10 DEGREE RISE DSC-40					2V
1165	296 00:00:00	32				VGR-32 OWLT IS 09H 30M 57S					2L
1166	296 03:30:47	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
1167	296 03:30:47	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					22EC
1168	296 03:31:35	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
1169	296 03:31:35	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
1170	296 03:34:59	32				BEGIN PWSREC			24515:57:001F	02-295/18:03:59	2T
1171	296 03:34:59	32				B- DRGS4B			24515:57:001F	02-295/18:03:59	2TB

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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
1172	296 03:34:59	32			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		24515:57:009F	02-295/18:04:00	2ECf
1173	296 03:35:43	32				BEGIN RECORDING PWS DATA			24515:57:734F	02-295/18:04:43	2T
1174	296 03:35:43	32			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		24515:57:735F	02-295/18:04:43	2ECd
1175	296 03:35:43	32				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:2040	DTR		24515:57:735F	02-295/18:04:43	2ESd
1176	296 03:35:47	32		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PB/FDS11 SA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	24515:58:001F	02-295/18:04:47	2ESf
1177	296 03:35:47	32			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		24515:58:002F	02-295/18:04:47	2ECs
1178	296 03:35:48	32				B- DRCRUS			24515:58:018F	02-295/18:04:48	2TB
1179	296 03:35:48	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		24515:58:025F	02-295/18:04:49	2ECf
1180	296 03:36:35	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	24515:59:001F	02-295/18:05:35	2ESf
1181	296 03:36:35	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		24515:59:001F	02-295/18:05:35	2ECd

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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
1182	296 03:36:35	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2331	DTR		24515:59:001F	02-295/18:05:35	2ESd
1183	296 03:36:35	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		24515:59:002F	02-295/18:05:35	2ECs
1184	296 03:36:36	32				END PWSREC			24515:59:018F	02-295/18:05:36	2T
1185	296 05:01:11	32		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESF
1186	296 05:01:11	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
1187	296 05:01:23	32				BEGIN PMPCALLR			24517:45:001F	02-295/19:30:23	2T
1188	296 05:05:23	32				B- DRCR5T			24517:50:001F	02-295/19:34:23	2TB
1189	296 05:05:23	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		24517:50:009F	02-295/19:34:24	2ECf
1190	296 05:06:11	32		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	24517:51:001F	02-295/19:35:11	2ESF
1191	296 05:06:11	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		24517:51:001F	02-295/19:35:11	2ECs
1192	296 05:12:35	32			SC06BY	(7) FDS PLS/MAG/PESCAL FLAG PLSCAL ENABLED MAGCAL ENABLED PESCAL ENABLED	FDS		24517:59:009F	02-295/19:41:36	2ECf

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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
1193	296 05:13:23	32				BEGIN PLS/MAG/PESCAL			24518:00:001F	02-295/19:42:23	2T
1194	296 06:20:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9220 (D/L ONLY)					2DP
1195	296 06:55:48	32				END PLSCAL			24520:08:001F	02-295/21:24:47	2T
1196	296 08:15:49	32				END MAGCAL			24521:48:001F	02-295/22:44:47	2T
1197	296 08:29:13	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
1198	296 08:29:13	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
1199	296 08:33:25	32				END PESCAL			24522:10:001F	02-295/23:02:23	2T
1200	296 08:33:25	32				B- DRCRUS			24522:10:001F	02-295/23:02:23	2TB
1201	296 08:33:25	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		24522:10:009F	02-295/23:02:24	2ECf
1202	296 08:34:13	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	24522:11:001F	02-295/23:03:11	2ESf
1203	296 08:34:13	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		24522:11:002F	02-295/23:03:11	2ECs
1204	296 08:34:14	32				END PMPCALLR			24522:11:018F	02-295/23:03:12	2T
1205	296 12:00:00	32				VGR-32 OWLT IS 09H 31M 03S					2L
1206	296 15:25:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9220					2DP
1207	296 15:37:27	32	40	SET		10 DEGREE SET DSC-40					2V
1208	296 23:28:42	32	40RISE			10 DEGREE RISE DSC-40					2V



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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
1227	298 07:05:01	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		24580:19:025F	02-297/21:33:37	2ECf
1228	298 07:05:48	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	24580:20:001F	02-297/21:34:23	2ESf
1229	298 07:05:48	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		24580:20:002F	02-297/21:34:23	2ECs
1230	298 07:12:13	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR COMMANDED TURN D/L AGC VARIATIONS EXPECTED					22EC
1231	298 07:14:13	32			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		24580:30:419F	02-297/21:42:48	2ECa
1232	298 07:14:13	32				AACS STATUS MODE : AAI GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS		24580:30:419F	02-297/21:42:48	2ESa
1233	298 07:14:13	32			CC7GARP	GYRO A OFF	PWR		24580:30:419F	02-297/21:42:48	2ECp
1234	298 07:14:13	32			CC7GARP	GYRO A OFF	PWR		24580:30:421F	02-297/21:42:48	2ECp
1235	298 07:14:13	32			CC7PC	(352) GYRO A OFF	AACS		24580:30:423F	02-297/21:42:49	2ECa
1236	298 07:14:13	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		24580:30:424F	02-297/21:42:49	2ECp
1237	298 07:14:13	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		24580:30:426F	02-297/21:42:49	2ECp
1238	298 07:14:13	32			CC7PC	(312) DUMMY PWR CMD	AACS		24580:30:428F	02-297/21:42:49	2ECa
1239	298 07:17:13	32			AC7TCD	(322 033167) TURN COMMAND AXIS=ROLL POL=NEG RNG SCALE=X10	AACS		24580:34:219F	02-297/21:45:48	2ECa
1240	298 11:42:13	32			SC32AJ	(10) PLS CONFIG CMD	FDS		24586:05:392F	02-298/02:10:47	2ECf



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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
1241	298 12:00:00	32				VGR-32 OWLT IS 09H 31M 26S					2L
1242	298 12:15:20	32			SC32AJ	(11) PLS CONFIG CMD	FDS		24586:46:708F	02-298/02:43:54	2ECf
1243	298 12:48:29	32				ROLL TURN COMPLETE (NOMINAL)			24587:28:251F	02-298/03:17:02	2T
1244	298 12:50:55	32			CC7PC	(345) CMDED TURN COMPLETE	AACS		24587:31:290F	02-298/03:19:29	2ECa
1245	298 12:56:15	32			SC32AJ	(15) PLS CONFIG CMD	FDS		24587:38:025F	02-298/03:24:49	2ECf
1246	298 13:05:15	32				RESET CALIB			24587:49:218F	02-298/03:33:48	2T
1247	298 13:05:15	32			AC7PAR	(7530 000000) PARAMETER LOAD	AACS		24587:49:220F	02-298/03:33:48	2ECa
1248	298 13:05:45	32			CC7SS	(1) SS SEARCH ENABLE	AACS		24587:49:718F	02-298/03:34:18	2ECa
1249	298 13:05:45	32				AACS STATUS MODE : RAI GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS	24587:49:718F	02-298/03:34:18	2ESa	
1250	298 13:05:45	32			CC7PC	(327) IDET ACQUIRED	AACS		24587:49:719F	02-298/03:34:18	2ECa
1251	298 13:05:45	32			CC7GARP	GYRO A OFF	PWR		24587:49:719F	02-298/03:34:18	2ECp
1252	298 13:05:45	32			CC7GARP	GYRO A OFF	PWR		24587:49:721F	02-298/03:34:19	2ECp
1253	298 13:05:45	32			CC7PC	(352) GYRO A OFF	AACS		24587:49:724F	02-298/03:34:19	2ECa
1254	298 13:05:45	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		24587:49:724F	02-298/03:34:19	2ECp
1255	298 13:05:45	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		24587:49:726F	02-298/03:34:19	2ECp
1256	298 13:05:45	32			CC7PC	(312) DUMMY PWR CMD	AACS		24587:49:728F	02-298/03:34:19	2ECa
1257	298 13:11:45	32			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		24587:57:318F	02-298/03:40:18	2ECa
1258	298 13:12:50	32				GYROS OFF			24587:58:601F	02-298/03:41:23	2T

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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
1259	298 13:12:50	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: ON	AACS		24587:58:601F	02-298/03:41:23	2ESa
1260	298 13:12:50	32			CC7PC	(307) STAR ACQUIRED	AACS		24587:58:602F	02-298/03:41:23	2ECa
1261	298 13:12:50	32			CC7GCRP	GYRO C OFF	PWR		24587:58:602F	02-298/03:41:23	2ECp
1262	298 13:12:50	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: OFF	AACS		24587:58:602F	02-298/03:41:23	2ESa
1263	298 13:12:50	32			CC7GCRP	GYRO C OFF	PWR		24587:58:605F	02-298/03:41:23	2ECp
1264	298 13:12:50	32			CC7PC	(372) GYRO C OFF	AACS		24587:58:607F	02-298/03:41:24	2ECa
1265	298 13:12:50	32			CC7GBRP	GYRO B OFF	PWR		24587:58:607F	02-298/03:41:24	2ECp
1266	298 13:12:50	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: OFF CST : ON GRYO C: OFF	AACS		24587:58:607F	02-298/03:41:24	2ESa
1267	298 13:12:50	32			CC7GBRP	GYRO B OFF	PWR		24587:58:609F	02-298/03:41:24	2ECp
1268	298 13:12:50	32			CC7PC	(362) GYRO B OFF	AACS		24587:58:611F	02-298/03:41:24	2ECa
1269	298 13:12:50	32			CC7GARP	GYRO A OFF	PWR		24587:58:612F	02-298/03:41:24	2ECp
1270	298 13:12:51	32			CC7GARP	GYRO A OFF	PWR		24587:58:614F	02-298/03:41:24	2ECp
1271	298 13:12:51	32			CC7PC	(352) GYRO A OFF	AACS		24587:58:616F	02-298/03:41:24	2ECa
1272	298 13:12:51	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		24587:58:617F	02-298/03:41:24	2ECp
1273	298 13:12:51	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		24587:58:619F	02-298/03:41:24	2ECp
1274	298 13:12:51	32			CC7PC	(312) DUMMY PWR CMD	AACS		24587:58:621F	02-298/03:41:24	2ECa

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1275	298 13:20:03	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
1276	298 13:20:03	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
1277	298 13:21:16	32				B- YAWDB			24588:09:218F	02-298/03:49:48	2TB
1278	298 13:21:16	32				YAWDB - .10			24588:09:218F	02-298/03:49:48	2T
1279	298 13:21:16	32			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		24588:09:220F	02-298/03:49:48	2ECa
1280	298 13:24:16	32				B- DRCRUS			24588:13:018F	02-298/03:52:48	2TB
1281	298 13:24:16	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		24588:13:026F	02-298/03:52:49	2ECf
1282	298 13:25:03	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	24588:14:001F	02-298/03:53:35	2ESf
1283	298 13:25:03	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		24588:14:002F	02-298/03:53:35	2ECs
1284	298 13:25:04	32				END MAGROLBC32			24588:14:018F	02-298/03:53:36	2T
1285	298 15:29:34	32	40	SET		10 DEGREE SET DSC-40					2V
1286	298 15:30:00	32	43	LO	OPCH ACE	LOS DSS-43 PASS-9222					2DP
1287	298 23:20:56	32	40	RISE		10 DEGREE RISE DSC-40					2V
1288	299 00:00:00	32				VGR-32 OWLT IS 09H 31M 32S					2L
1289	299 06:20:00	32	34	AO	OPCH ACE	AOS DSS-34 PASS-9223 (D/L ONLY)					2DP
1290	299 12:00:00	32				VGR-32 OWLT IS 09H 31M 37S					2L

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1291	299 14:55:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9223					2DP
1292	299 15:25:38	32	40 SET			10 DEGREE SET DSC-40					2V
1293	299 18:09:40	32		ACE ALL		END S/C-32 COMMAND MORATORIUM					2T
1294	299 23:17:04	32	40RISE			10 DEGREE RISE DSC-40					2V
1295	300 00:00:00	32				VGR-32 OWLT IS 09H 31M 43S					2L
1296	300 01:20:32	32			AC7SSB	(3 -012) SS BIAS CONTROL - PITCH	AACS		24633:08:003F	02-299/15:48:47	2ECa
1297	300 07:35:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9224 (D/L ONLY)					2DP
1298	300 12:00:00	32				VGR-32 OWLT IS 09H 31M 49S					2L
1299	300 14:50:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9224					2DP
1300	300 15:21:42	32	40 SET			10 DEGREE SET DSC-40					2V
1301	300 23:13:11	32	40RISE			10 DEGREE RISE DSC-40					2V
1302	301 00:00:00	32				VGR-32 OWLT IS 09H 31M 55S					2L
1303	301 06:30:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9225 (D/L ONLY)					2DP
1304	301 12:00:00	32				VGR-32 OWLT IS 09H 32M 00S					2L
1305	301 15:00:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9225					2DP
1306	301 15:17:46	32	40 SET			10 DEGREE SET DSC-40					2V
1307	301 23:09:18	32	40RISE			10 DEGREE RISE DSC-40					2V
1308	302 00:00:00	32				VGR-32 OWLT IS 09H 32M 06S					2L
1309	302 06:15:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9226 (D/L ONLY)					2DP
1310	302 12:00:00	32				VGR-32 OWLT IS 09H 32M 12S					2L
1311	302 14:15:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9226					2DP
1312	302 15:13:50	32	40 SET			10 DEGREE SET DSC-40					2V

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1313	302 23:05:26	32	40RISE			10 DEGREE RISE DSC-40					2V
1314	303 00:00:00	32				VGR-32 OWLT IS 09H 32M 18S					2L
1315	303 03:08:07	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
1316	303 03:08:07	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					22EC
1317	303 03:08:55	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
1318	303 03:08:55	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
1319	303 03:12:19	32			SC06BB	BEGIN PWSREC			24725:27:001F	02-302/17:39:59	2T
1320	303 03:12:19	32			CC16C	B- DRGS4B			24725:27:001F	02-302/17:39:59	2TB
1321	303 03:12:19	32			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B FDS PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY			24725:27:009F	02-302/17:40:00	2ECf
1322	303 03:13:03	32			CC16C	BEGIN RECORDING PWS DATA			24725:27:734F	02-302/17:40:43	2T
1323	303 03:13:03	32			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		24725:27:735F	02-302/17:40:43	2ECd
1324	303 03:13:03	32			CC16C	DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:2338	DTR		24725:27:735F	02-302/17:40:43	2ESd

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1325	303 03:13:07	32		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PB/FDS11 SA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	24725:28:001F	02-302/17:40:47	2ESf
1326	303 03:13:07	32			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		24725:28:002F	02-302/17:40:47	2ECs
1327	303 03:13:08	32				B- DRCRUS			24725:28:018F	02-302/17:40:48	2TB
1328	303 03:13:08	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		24725:28:025F	02-302/17:40:49	2ECf
1329	303 03:13:55	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	24725:29:001F	02-302/17:41:35	2ESf
1330	303 03:13:55	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		24725:29:001F	02-302/17:41:35	2ECd
1331	303 03:13:55	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2629	DTR		24725:29:001F	02-302/17:41:35	2ESd
1332	303 03:13:55	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		24725:29:002F	02-302/17:41:35	2ECs
1333	303 03:13:56	32				END PWSREC			24725:29:018F	02-302/17:41:36	2T
1334	303 09:30:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9227 (D/L ONLY)					2DP
1335	303 12:00:00	32				VGR-32 OWLT IS 09H 32M 23S					2L

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1336	303 14:55:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9227					2DP
1337	303 15:09:54	32	40 SET			10 DEGREE SET DSC-40					2V
1338	303 23:01:34	32	40RISE			10 DEGREE RISE DSC-40					2V
1339	304 00:00:00	32				VGR-32 OWLT IS 09H 32M 29S					2L
1340	304 03:54:55	32			AC7SSB	(3 -011) SS BIAS CONTROL - PITCH	AACS		24756:20:003F	02-303/18:22:23	2ECa
1341	304 06:50:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9228 (D/L ONLY)					2DP
1342	304 12:00:00	32				VGR-32 OWLT IS 09H 32M 35S					2L
1343	304 14:50:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9228					2DP
1344	304 15:05:58	32	40 SET			10 DEGREE SET DSC-40					2V
1345	304 22:57:41	32	40RISE			10 DEGREE RISE DSC-40					2V
1346	305 00:00:00	32				VGR-32 OWLT IS 09H 32M 40S					2L
1347	305 06:15:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9229 (D/L ONLY)					2DP
1348	305 12:00:00	32				VGR-32 OWLT IS 09H 32M 46S					2L
1349	305 15:02:02	32	40 SET			10 DEGREE SET DSC-40					2V
1350	305 15:35:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9229					2DP
1351	305 22:53:49	32	40RISE			10 DEGREE RISE DSC-40					2V
1352	306 00:00:00	32				VGR-32 OWLT IS 09H 32M 52S					2L
1353	306 05:00:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9230 (D/L ONLY)					2DP
1354	306 12:00:00	32				VGR-32 OWLT IS 09H 32M 57S					2L
1355	306 14:58:07	32	40 SET			10 DEGREE SET DSC-40					2V
1356	306 15:15:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9230					2DP
1357	306 22:49:57	32	40RISE			10 DEGREE RISE DSC-40					2V
1358	307 00:00:00	32				VGR-32 OWLT IS 09H 33M 03S					2L

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT 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	307 07:20:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9231 (D/L ONLY)					2DP
1360	307 12:00:00	32				VGR-32 OWLT IS 09H 33M 08S					2L
1361	307 14:40:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9231					2DP
1362	307 14:54:11	32	40	SET		10 DEGREE SET DSC-40					2V
1363	307 22:46:05	32	40	RISE		10 DEGREE RISE DSC-40					2V
1364	308 00:00:00	32				VGR-32 OWLT IS 09H 33M 14S					2L
1365	308 06:10:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9232 (D/L ONLY)					2DP
1366	308 06:29:17	32			AC7SSB	(3 -010) SS BIAS CONTROL - PITCH	AACS		24879:32:003F	02-307/20:55:59	2ECa
1367	308 09:18:18	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
1368	308 09:23:18	32					DTR		24883:09:405F	02-307/23:50:00	2ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2636					
1369	308 09:23:18	32		ACE OPCH			FDS	CR-5T	24883:09:405F	02-307/23:50:00	2ESF
						FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11					
1370	308 09:33:20	32				B118 UPLINK WINDOW OPEN			24883:22:018F	02-308/00:00:00	2T
1371	308 12:00:00	32				VGR-32 OWLT IS 09H 33M 20S					2L
1372	308 14:35:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9232					2DP
1373	308 14:50:16	32	40	SET		10 DEGREE SET DSC-40					2V
1374	308 22:42:13	32	40	RISE		10 DEGREE RISE DSC-40					2V
1375	309 00:00:00	32				VGR-32 OWLT IS 09H 33M 25S					2L
1376	309 09:10:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9233 (D/L ONLY)					2DP
1377	309 12:00:00	32				VGR-32 OWLT IS 09H 33M 31S					2L



FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1378	309 14:46:20	32	40	SET		10 DEGREE SET DSC-40					2V
1379	309 14:50:00	32	43	LO	OPCH ACE	LOS DSS-43 PASS-9233					2DP
1380	309 22:38:21	32	40	RISE		10 DEGREE RISE DSC-40					2V
1381	310 00:00:00	32				VGR-32 OWLT IS 09H 33M 36S					2L
1382	310 02:45:26	32			ACE OPCH	>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
1383	310 02:45:26	32			ACE OPCH	>>>>>> 5 MIN WARNING <<<<<<<<< FOR CHG IN X-BD D/L CONFIG MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ					22EC
1384	310 02:46:14	32			ACE OPCH	>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
1385	310 02:46:14	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
1386	310 02:49:38	32				BEGIN PWSREC			24934:57:001F	02-309/17:15:59	2T
1387	310 02:49:38	32				B- DRGS4B			24934:57:001F	02-309/17:15:59	2TB
1388	310 02:49:38	32			SC06BB	(03 0 07 0) FDS MODE TO: GS-4B FDS PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY			24934:57:009F	02-309/17:16:00	2ECf
1389	310 02:50:22	32				BEGIN RECORDING PWS DATA			24934:57:734F	02-309/17:16:43	2T
1390	310 02:50:22	32			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		24934:57:735F	02-309/17:16:43	2ECd
1391	310 02:50:22	32				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:1 TIC:2636	DTR		24934:57:735F	02-309/17:16:43	2ESd

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1392	310 02:50:26	32		ACE OPCH		FDS STATUS GS-4B/X2.8K/S40 MEM:PB/FDS11 SA/FDS11 -----> GS-4B NOT RECOVERABLE ----> RETAIN CR-5T CONFIGURATION	FDS	GS-4B	24934:58:001F	02-309/17:16:47	2ESf
1393	310 02:50:26	32			CC3A	(41310) X-BD TMU STATE CHANGE DRIVER(S) 1 AND 2 ON MOD INDEX=41 DATA RATE=HIGH SUBCARRIER FREQ=22.5KHZ	MDS		24934:58:002F	02-309/17:16:47	2ECs
1394	310 02:50:27	32				B- DRCRUS			24934:58:018F	02-309/17:16:48	2TB
1395	310 02:50:27	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		24934:58:025F	02-309/17:16:49	2ECf
1396	310 02:51:14	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	24934:59:001F	02-309/17:17:35	2ESf
1397	310 02:51:14	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		24934:59:001F	02-309/17:17:35	2ECd
1398	310 02:51:14	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2927	DTR		24934:59:001F	02-309/17:17:35	2ESd
1399	310 02:51:14	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		24934:59:002F	02-309/17:17:35	2ECs
1400	310 02:51:15	32				END PWSREC			24934:59:018F	02-309/17:17:36	2T
1401	310 06:45:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9234 (D/L ONLY)					2DP
1402	310 12:00:00	32				VGR-32 OWLT IS 09H 33M 42S					2L

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1403	310 14:15:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9234					2DP
1404	310 14:42:25	32	40 SET			10 DEGREE SET DSC-40					2V
1405	310 22:34:29	32	40RISE			10 DEGREE RISE DSC-40					2V
1406	311 00:00:00	32				VGR-32 OWLT IS 09H 33M 47S					2L
1407	311 02:00:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9235 (D/L ONLY)					2DP
1408	311 05:30:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9235 (D/L ONLY)					2DP
1409	311 05:50:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9235					2DP
1410	311 12:00:00	32				VGR-32 OWLT IS 09H 33M 53S					2L
1411	311 14:25:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9235					2DP
1412	311 14:38:30	32	40 SET			10 DEGREE SET DSC-40					2V
1413	311 22:30:38	32	40RISE			10 DEGREE RISE DSC-40					2V
1414	312 00:00:00	32				VGR-32 OWLT IS 09H 33M 58S					2L
1415	312 02:45:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9236 (D/L ONLY)					2DP
1416	312 09:03:38	32			AC7SSB	(3 -009) SS BIAS CONTROL - PITCH	AACS		25002:44:003F	02-311/23:29:35	2ECa
1417	312 12:00:00	32				VGR-32 OWLT IS 09H 34M 04S					2L
1418	312 14:05:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9236					2DP
1419	312 14:34:35	32	40 SET			10 DEGREE SET DSC-40					2V
1420	312 22:26:46	32	40RISE			10 DEGREE RISE DSC-40					2V
1421	313 00:00:00	32				VGR-32 OWLT IS 09H 34M 09S					2L
1422	313 06:05:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9237 (D/L ONLY)					2DP
1423	313 12:00:00	32				VGR-32 OWLT IS 09H 34M 15S					2L
1424	313 12:05:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9237 (D/L ONLY)					2DP
1425	313 12:25:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9237					2DP

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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
1426	313 14:15:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9237					2DP
1427	313 14:30:40	32	40 SET			10 DEGREE SET DSC-40					2V
1428	313 22:22:54	32	40RISE			10 DEGREE RISE DSC-40					2V
1429	314 00:00:00	32				VGR-32 OWLT IS 09H 34M 20S					2L
1430	314 06:05:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9238 (D/L ONLY)					2DP
1431	314 12:00:00	32				VGR-32 OWLT IS 09H 34M 25S					2L
1432	314 14:26:45	32	40 SET			10 DEGREE SET DSC-40					2V
1433	314 14:35:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9238					2DP
1434	314 22:19:03	32	40RISE			10 DEGREE RISE DSC-40					2V
1435	315 00:00:00	32				VGR-32 OWLT IS 09H 34M 31S					2L
1436	315 07:30:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9239 (D/L ONLY)					2DP
1437	315 12:00:00	32				VGR-32 OWLT IS 09H 34M 36S					2L
1438	315 14:10:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9239					2DP
1439	315 14:22:50	32	40 SET			10 DEGREE SET DSC-40					2V
1440	315 19:17:02	32				FINAL SPACECRAFT STATUS			25105:29:788F	02-315/09:42:23	2TI
1441	315 19:17:02	32				RADIO STATUS			25105:29:788F	02-315/09:42:23	2TI
1442	315 19:17:02	32			DC2AR	S-BAND RANGING OFF			25105:29:788F	02-315/09:42:23	2TI
1443	315 19:17:02	32			DC2DR	S-BAND LO PWR			25105:29:788F	02-315/09:42:23	2TI
1444	315 19:17:02	32			DC2HR	X-BAND LO PWR			25105:29:788F	02-315/09:42:23	2TI
1445	315 19:17:02	32			DC2N	X-BAND RANGING ON			25105:29:788F	02-315/09:42:23	2TI
1446	315 19:17:02	32			DC2P	2 WAY NON-COHERENT ON			25105:29:788F	02-315/09:42:23	2TI
1447	315 19:17:02	32			DC2Q	USO ON			25105:29:788F	02-315/09:42:23	2TI
1448	315 19:17:02	32			CC2BRP	S-BAND EXC-2 SEL			25105:29:788F	02-315/09:42:23	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
1449	315 19:17:02	32			CC2CP	S-BAND TRANS-1 SEL			25105:29:788F	02-315/09:42:23	2TI
1450	315 19:17:02	32			CC2FRP	RCVR-2 SEL			25105:29:788F	02-315/09:42:23	2TI
1451	315 19:17:02	32			CC2JRP	X-BAND EXC-2 SEL			25105:29:788F	02-315/09:42:23	2TI
1452	315 19:17:02	32			CC2GP	X-BAND ON			25105:29:788F	02-315/09:42:23	2TI
1453	315 19:17:02	32			CC2KRP	S-BAND OFF			25105:29:788F	02-315/09:42:23	2TI
1454	315 19:17:02	32			CC2LP	X-BAND TWTA-1 SEL			25105:29:788F	02-315/09:42:23	2TI
1455	315 19:17:02	32			CC2MP	S-BAND EXC ON			25105:29:788F	02-315/09:42:23	2TI
1456	315 19:17:02	32			DC2E	HGA SELECT			25105:29:788F	02-315/09:42:23	2TI
1457	315 19:17:02	32			CC1T	BAY 1 HTR ON			25105:29:788F	02-315/09:42:23	2TI
1458	315 19:17:02	32				MDS STATUS			25105:29:788F	02-315/09:42:23	2TI
1459	315 19:17:02	32			CC3BP	TMU ON			25105:29:788F	02-315/09:42:23	2TI
1460	315 19:17:02	32			CC3GP	TMU-A SEL			25105:29:788F	02-315/09:42:23	2TI
1461	315 19:17:02	32			CC3HRP	CDU-B SEL			25105:29:788F	02-315/09:42:23	2TI
1462	315 19:17:02	32			CC3A	32310 X-BAND			25105:29:788F	02-315/09:42:23	2TI
1463	315 19:17:02	32			CC3A	28301 S-BAND			25105:29:788F	02-315/09:42:23	2TI
1464	315 19:17:02	32				POWER STATUS			25105:29:788F	02-315/09:42:23	2TI
1465	315 19:17:02	32			CC4A	UNDERVOLTAGE TRIP RESET			25105:29:788F	02-315/09:42:23	2TI
1466	315 19:17:02	32			CC4K	RTG-1 DIODE BYPASS ON			25105:29:788F	02-315/09:42:23	2TI
1467	315 19:17:02	32			CC4L	RTG-2 DIODE BYPASS ON			25105:29:788F	02-315/09:42:23	2TI
1468	315 19:17:02	32			CC4M	RTG-3 DIODE BYPASS ON			25105:29:788F	02-315/09:42:23	2TI
1469	315 19:17:02	32				CCS STATUS			25105:29:788F	02-315/09:42:23	2TI
1470	315 19:17:02	32			DC5AR	CCS TOL DET ENABLE			25105:29:788F	02-315/09:42:23	2TI
1471	315 19:17:02	32				FDS STATUS			25105:29:788F	02-315/09:42:23	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
1472	315 19:17:02	32			CC6CP	FDS ON/ISS PWR ENABLE			25105:29:788F	02-315/09:42:23	2TI
1473	315 19:17:02	32			CC6AA	0 SVC-W1			25105:29:788F	02-315/09:42:23	2TI
1474	315 19:17:02	32			CC6AD	2210 SVC-W4			25105:29:788F	02-315/09:42:23	2TI
1475	315 19:17:02	32			CC6AE	30003 SVC-W5			25105:29:788F	02-315/09:42:23	2TI
1476	315 19:17:02	32			CC6AP	FDS PWR CONV A SEL			25105:29:788F	02-315/09:42:23	2TI
1477	315 19:17:02	32			CC6AB	01110 SVC-W2			25105:29:788F	02-315/09:42:23	2TI
1478	315 19:17:02	32			SC06BB	530070 FDS DATA MODE			25105:29:788F	02-315/09:42:23	2TI
1479	315 19:17:02	32				AACS STATUS			25105:29:788F	02-315/09:42:23	2TI
1480	315 19:17:02	32			AC7PCG	14 HYBIC 2 PWR ON			25105:29:788F	02-315/09:42:23	2TI
1481	315 19:17:02	32			CC7ML	05 CST ON			25105:29:788F	02-315/09:42:23	2TI
1482	315 19:17:02	32			AC7CTG	10 376 CST HI GATE			25105:29:788F	02-315/09:42:23	2TI
1483	315 19:17:02	32			AC7CTG	11 422 CST LO GATE			25105:29:788F	02-315/09:42:23	2TI
1484	315 19:17:02	32			AC7GYP	111 GYRO PATTERN			25105:29:788F	02-315/09:42:23	2TI
1485	315 19:17:02	32			AC7PCG	52 GYRO A OFF			25105:29:788F	02-315/09:42:23	2TI
1486	315 19:17:02	32			AC7PCG	62 GYRO B OFF			25105:29:788F	02-315/09:42:23	2TI
1487	315 19:17:02	32			AC7PCG	72 GYRO C OFF			25105:29:788F	02-315/09:42:23	2TI
1488	315 19:17:02	32			AC7DDB	000480 DEAD BAND CONTROL			25105:29:788F	02-315/09:42:23	2TI
1489	315 19:17:02	32			AC7PAR	7530 000000 GYRO OFF NORM			25105:29:788F	02-315/09:42:23	2TI
1490	315 19:17:02	32			AC7PAR	6740 000740 PITCH DEADBAND			25105:29:788F	02-315/09:42:23	2TI
1491	315 19:17:02	32			AC7PAR	6741 001700 YAW DEADBAND			25105:29:788F	02-315/09:42:23	2TI
1492	315 19:17:02	32			AC7PAR	6742 004540 ROLL DEADBAND			25105:29:788F	02-315/09:42:23	2TI
1493	315 19:17:02	32			DEADBAND	DEAD BAND STATE: 05 10 25			25105:29:788F	02-315/09:42:23	2TI
1494	315 19:17:02	32			CC7SS	1 AACS TO RAI			25105:29:788F	02-315/09:42:23	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
1495	315 19:17:02	32			CC7CT	03 CST CONE ANGLE 3			25105:29:788F	02-315/09:42:23	2TI
1496	315 19:17:02	32			CC7AHRP	SS HTR A OFF			25105:29:788F	02-315/09:42:23	2TI
1497	315 19:17:02	32			CC7BHP	SS HTR B ON			25105:29:788F	02-315/09:42:23	2TI
1498	315 19:17:02	32			CC7ML	01 FDS CHAN A			25105:29:788F	02-315/09:42:23	2TI
1499	315 19:17:02	32			CC7ML	09 TCAPU FAULT ENA			25105:29:788F	02-315/09:42:23	2TI
1500	315 19:17:02	32			AC7PCG	61 AACS BAY 6 HTR A OFF			25105:29:788F	02-315/09:42:23	2TI
1501	315 19:17:02	32			AC7PCG	71 AACS BAY 6 HTR B OFF			25105:29:788F	02-315/09:42:23	2TI
1502	315 19:17:02	32			CC7MMRP	PROC/MEM 2 SELECT			25105:29:788F	02-315/09:42:23	2TI
1503	315 19:17:02	32			CC7SHRP	AZ SCAN ACTUATOR HTR OFF			25105:29:788F	02-315/09:42:23	2TI
1504	315 19:17:02	32			AC7PCG	22 CST SUN SHUTTER OFF			25105:29:788F	02-315/09:42:23	2TI
1505	315 19:17:02	32			AC7PCG	10 ISO VALVE BRANCH 1 OFF			25105:29:788F	02-315/09:42:23	2TI
1506	315 19:17:02	32			AC7PCG	20 ISO VALVE BRANCH 2 OFF			25105:29:788F	02-315/09:42:23	2TI
1507	315 19:17:02	32			CC1PHRP	SCAN PLAT SUPL HTR OFF			25105:29:788F	02-315/09:42:23	2TI
1508	315 19:17:02	32			CC77MRP	MAM OFF			25105:29:788F	02-315/09:42:23	2TI
1509	315 19:17:02	32			DC77PR	NON-PRIME FCP/MEM OFF			25105:29:788F	02-315/09:42:23	2TI
1510	315 19:17:02	32			DC77XR	MAM COMMAND DISABLE			25105:29:788F	02-315/09:42:23	2TI
1511	315 19:17:02	32				PYRO STATUS			25105:29:788F	02-315/09:42:23	2TI
1512	315 19:17:02	32			CC8D	PSU INSTRUMENTATION ON			25105:29:788F	02-315/09:42:23	2TI
1513	315 19:17:02	32			DC8XR	PYRO DISABLE			25105:29:788F	02-315/09:42:23	2TI
1514	315 19:17:02	32				PROPULSION STATUS			25105:29:788F	02-315/09:42:23	2TI
1515	315 19:17:02	32			CC10CRP	TCM HTR OFF			25105:29:788F	02-315/09:42:23	2TI
1516	315 19:17:02	32			CC10DR	AP BR1 HTR OFF			25105:29:788F	02-315/09:42:23	2TI
1517	315 19:17:02	32			CC10E	AP BR2 HTR ON			25105:29:788F	02-315/09:42:23	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
1518	315 19:17:02	32			CC10TRP	TCM LINE HTRS OFF			25105:29:788F	02-315/09:42:23	2TI
1519	315 19:17:02	32				DSS STATUS			25105:29:788F	02-315/09:42:23	2TI
1520	315 19:17:02	32			CC16BR	DSS 10 W REPL HTR OFF			25105:29:788F	02-315/09:42:23	2TI
1521	315 19:17:02	32			CC16AP	DSS ON			25105:29:788F	02-315/09:42:23	2TI
1522	315 19:17:02	32			CC1DR	BAY 2 19 W HTR OFF			25105:29:788F	02-315/09:42:23	2TI
1523	315 19:17:02	32			CC16C	7211 DSS CONTROL			25105:29:788F	02-315/09:42:23	2TI
1524	315 19:17:02	32				SCIENCE PWR STATUS			25105:29:788F	02-315/09:42:23	2TI
1525	315 19:17:02	32			CC1CR	MAG COIL OFF			25105:29:788F	02-315/09:42:23	2TI
1526	315 19:17:02	32			CC21A	CRS ON			25105:29:788F	02-315/09:42:23	2TI
1527	315 19:17:02	32			CC21B	CRS REPL HTR ON			25105:29:788F	02-315/09:42:23	2TI
1528	315 19:17:02	32			CC21CR	CRS SUPP HTR OFF			25105:29:788F	02-315/09:42:23	2TI
1529	315 19:17:02	32			CC22A	PRA ON			25105:29:788F	02-315/09:42:23	2TI
1530	315 19:17:02	32			CC23A	PWS ON			25105:29:788F	02-315/09:42:23	2TI
1531	315 19:17:02	32			CC25A	LECP ON			25105:29:788F	02-315/09:42:23	2TI
1532	315 19:17:02	32			CC25B	LECP STEPPER MOTOR ON			25105:29:788F	02-315/09:42:23	2TI
1533	315 19:17:02	32			CC25CR	LECP REPL HTR OFF			25105:29:788F	02-315/09:42:23	2TI
1534	315 19:17:02	32			CC25D	LECP MAIN SUPP HTR ON			25105:29:788F	02-315/09:42:23	2TI
1535	315 19:17:02	32			CC25E	LECP LEPT SUPP HTR ON			25105:29:788F	02-315/09:42:23	2TI
1536	315 19:17:02	32			CC27BR	PPS SUPP HTR OFF			25105:29:788F	02-315/09:42:23	2TI
1537	315 19:17:02	32			CC32A	PLS ON			25105:29:788F	02-315/09:42:23	2TI
1538	315 19:17:02	32			CC32B	PLS SUPP HTR ON			25105:29:788F	02-315/09:42:23	2TI
1539	315 19:17:02	32			CC32CR	PLS REPL HTR OFF			25105:29:788F	02-315/09:42:23	2TI
1540	315 19:17:02	32			CC34AR	UVS OFF			25105:29:788F	02-315/09:42:23	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
1541	315 19:17:02	32			CC34BR	UVS REPL HTR OFF			25105:29:788F	02-315/09:42:23	2TI
1542	315 19:17:02	32			CC35AR	MAG OFF			25105:29:788F	02-315/09:42:23	2TI
1543	315 19:17:02	32			CC35B	MAG STANDBY ON			25105:29:788F	02-315/09:42:23	2TI
1544	315 19:17:02	32			CC35GR	MAG SENSOR HTR OFF			25105:29:788F	02-315/09:42:23	2TI
1545	315 19:17:02	32			CC36GR	ISS WA VID REPL HTR OFF			25105:29:788F	02-315/09:42:23	2TI
1546	315 19:17:02	32			CC36HR	ISS WA ELEC REPL HTR OFF			25105:29:788F	02-315/09:42:23	2TI
1547	315 19:17:02	32			CC36CRP	ISS NA OPTICS HTR OFF			25105:29:788F	02-315/09:42:23	2TI
1548	315 19:17:02	32			CC36FRP	ISS NA VID REPL HTR OFF			25105:29:788F	02-315/09:42:23	2TI
1549	315 19:17:02	32			CC36JRP	ISS NA ELEC REPL HTR OFF			25105:29:788F	02-315/09:42:23	2TI
1550	315 19:17:02	32			CC39DR	IRIS REPL HTR OFF			25105:29:788F	02-315/09:42:23	2TI
1551	315 19:17:02	32			CC39FR	IRIS STANDBY A SUPPLY OFF			25105:29:788F	02-315/09:42:23	2TI
1552	315 19:17:02	32			CC39BR	IRIS STANDBY B SUPPLY OFF			25105:29:788F	02-315/09:42:23	2TI
1553	315 19:17:02	32				SCIENCE INSTRUMENT STATUS			25105:29:788F	02-315/09:42:23	2TI
1554	315 19:17:02	32			SC21AF	01000 CRS CMD WORD			25105:29:788F	02-315/09:42:23	2TI
1555	315 19:17:02	32			SC21AF	02000 CRS CMD WORD			25105:29:788F	02-315/09:42:23	2TI
1556	315 19:17:02	32			SC21AF	03010 CRS CMD WORD			25105:29:788F	02-315/09:42:23	2TI
1557	315 19:17:02	32			SC21AF	04000 CRS CMD WORD			25105:29:788F	02-315/09:42:23	2TI
1558	315 19:17:02	32			SC21AF	05302 CRS CMD WORD			25105:29:788F	02-315/09:42:23	2TI
1559	315 19:17:02	32			SC21AF	06200 CRS CMD WORD			25105:29:788F	02-315/09:42:23	2TI
1560	315 19:17:02	32			SC21AF	07000 CRS CMD WORD			25105:29:788F	02-315/09:42:23	2TI
1561	315 19:17:02	32			SC21AF	08200 CRS CMD WORD			25105:29:788F	02-315/09:42:23	2TI
1562	315 19:17:02	32			SC21AF	10000 CRS CMD WORD			25105:29:788F	02-315/09:42:23	2TI
1563	315 19:17:02	32			SC21AF	11000 CRS CMD WORD			25105:29:788F	02-315/09:42:23	2TI

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1564	315 19:17:02	32			SC21AF	12000 CRS CMD WORD			25105:29:788F	02-315/09:42:23	2TI
1565	315 19:17:02	32			SC21AF	13004 CRS CMD WORD			25105:29:788F	02-315/09:42:23	2TI
1566	315 19:17:02	32			SC21AG	CRS HV FLAG			25105:29:788F	02-315/09:42:23	2TI
1567	315 19:17:02	32			SC21AH	CRS CAL-ST FLAG			25105:29:788F	02-315/09:42:23	2TI
1568	315 19:17:02	32			SC22AF	1347 PRA CONFIGURATION CMD			25105:29:788F	02-315/09:42:23	2TI
1569	315 19:17:02	32			SC22NU	0000 PRA MODE SELECT			25105:29:788F	02-315/09:42:23	2TI
1570	315 19:17:02	32			SC23AD	5 PWS CMD WORD			25105:29:788F	02-315/09:42:23	2TI
1571	315 19:17:02	32			SC25AH	1677 LECP CMD WORD			25105:29:788F	02-315/09:42:23	2TI
1572	315 19:17:02	32			SC25AH	3017 LECP CMD WORD			25105:29:788F	02-315/09:42:23	2TI
1573	315 19:17:02	32			SC25AH	5600 LECP CMD WORD			25105:29:788F	02-315/09:42:23	2TI
1574	315 19:17:02	32			SC25AH	6032 LECP CMD WORD			25105:29:788F	02-315/09:42:23	2TI
1575	315 19:17:02	32			SC25AJ	1 LECP MOTOR STEP CMD			25105:29:788F	02-315/09:42:23	2TI
1576	315 19:17:02	32			SC25AN	0 LECP NEAR/FAR ENC			25105:29:788F	02-315/09:42:23	2TI
1577	315 19:17:02	32			SC25AQ	5200 LECP SAFE CMD			25105:29:788F	02-315/09:42:23	2TI
1578	315 19:17:02	32			SC32AF	2 PLS E1 INT/AMP GAIN			25105:29:788F	02-315/09:42:23	2TI
1579	315 19:17:02	32			SC32AG	2 PLS E2 INT/AMP GAIN			25105:29:788F	02-315/09:42:23	2TI
1580	315 19:17:02	32			SC32AH	2 PLS M INT/AMP GAIN			25105:29:788F	02-315/09:42:23	2TI
1581	315 19:17:02	32			SC32AJ	15 PLS CONFIG CMD			25105:29:788F	02-315/09:42:23	2TI
1582	315 19:17:02	32			SC32AK	2 PLS L INT/AMP GAIN			25105:29:788F	02-315/09:42:23	2TI
1583	315 19:17:02	32			SC32AL	216 PLS M START WORD 1			25105:29:788F	02-315/09:42:23	2TI
1584	315 19:17:02	32			SC32AM	116 PLS M START WORD 2			25105:29:788F	02-315/09:42:23	2TI
1585	315 19:17:02	32			SC32AN	2 PLS M MODE			25105:29:788F	02-315/09:42:23	2TI
1586	315 19:17:02	32			SC32AP	3 PLS E1 SHRT			25105:29:788F	02-315/09:42:23	2TI

FINAL SEQUENCE FOR JSX B117 (TOL/B117F - EVTSDR/B117BA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1587	315 19:17:02	32			SC32AQ	3 PLS E2 SHRT			25105:29:788F	02-315/09:42:23	2TI
1588	315 19:17:02	32			SC32AR	3 PLS L SHORT			25105:29:788F	02-315/09:42:23	2TI
1589	315 19:17:02	32			SC32AS	2 PLS E1 LONG			25105:29:788F	02-315/09:42:23	2TI
1590	315 19:17:02	32			SC32AT	2 PLS E2 LONG			25105:29:788F	02-315/09:42:23	2TI
1591	315 19:17:02	32			SC32AU	2 PLS L LONG			25105:29:788F	02-315/09:42:23	2TI
1592	315 19:17:02	32			SC34AE	13 UVS MODE/HV LEVEL			25105:29:788F	02-315/09:42:23	2TI
1593	315 19:17:02	32			SC34AF	0 UVS READ OUT FLAG			25105:29:788F	02-315/09:42:23	2TI
1594	315 19:17:02	32			SC35AI	030001 MAG HFM/EL FLIP/IFC/LFM			25105:29:788F	02-315/09:42:23	2TI
1595	315 19:17:02	32			SC35AO	030001 MAG HFM/PRIME/IFC/LFM RAN			25105:29:788F	02-315/09:42:23	2TI