

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT 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	133 18:56:03	32				INITIAL SPACECRAFT STATUS			19645:29:788F	02-133/09:42:23	2TI
2	133 18:56:03	32				RADIO STATUS			19645:29:788F	02-133/09:42:23	2TI
3	133 18:56:03	32			DC2AR	S-BAND RANGING OFF			19645:29:788F	02-133/09:42:23	2TI
4	133 18:56:03	32			DC2DR	S-BAND LO PWR			19645:29:788F	02-133/09:42:23	2TI
5	133 18:56:03	32			DC2HR	X-BAND LO PWR			19645:29:788F	02-133/09:42:23	2TI
6	133 18:56:03	32			DC2N	X-BAND RANGING ON			19645:29:788F	02-133/09:42:23	2TI
7	133 18:56:03	32			DC2P	2 WAY NON-COHERENT ON			19645:29:788F	02-133/09:42:23	2TI
8	133 18:56:03	32			DC2Q	USO ON			19645:29:788F	02-133/09:42:23	2TI
9	133 18:56:03	32			CC2BRP	S-BAND EXC-2 SEL			19645:29:788F	02-133/09:42:23	2TI
10	133 18:56:03	32			CC2CP	S-BAND TRANS-1 SEL			19645:29:788F	02-133/09:42:23	2TI
11	133 18:56:03	32			CC2FRP	RCVR-2 SEL			19645:29:788F	02-133/09:42:23	2TI
12	133 18:56:03	32			CC2JRP	X-BAND EXC-2 SEL			19645:29:788F	02-133/09:42:23	2TI
13	133 18:56:03	32			CC2GP	X-BAND ON			19645:29:788F	02-133/09:42:23	2TI
14	133 18:56:03	32			CC2KRP	S-BAND OFF			19645:29:788F	02-133/09:42:23	2TI
15	133 18:56:03	32			CC2LP	X-BAND TWTA-1 SEL			19645:29:788F	02-133/09:42:23	2TI
16	133 18:56:03	32			CC2MP	S-BAND EXC ON			19645:29:788F	02-133/09:42:23	2TI
17	133 18:56:03	32			DC2E	HGA SELECT			19645:29:788F	02-133/09:42:23	2TI
18	133 18:56:03	32			CC1T	BAY 1 HTR ON			19645:29:788F	02-133/09:42:23	2TI
19	133 18:56:03	32				MDS STATUS			19645:29:788F	02-133/09:42:23	2TI
20	133 18:56:03	32			CC3BP	TMU ON			19645:29:788F	02-133/09:42:23	2TI
21	133 18:56:03	32			CC3GP	TMU-A SEL			19645:29:788F	02-133/09:42:23	2TI
22	133 18:56:03	32			CC3HRP	CDU-B SEL			19645:29:788F	02-133/09:42:23	2TI
23	133 18:56:03	32			CC3A	32310 X-BAND			19645:29:788F	02-133/09:42:23	2TI

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24	133 18:56:03	32			CC3A	28301 S-BAND			19645:29:788F	02-133/09:42:23	2TI
25	133 18:56:03	32				POWER STATUS			19645:29:788F	02-133/09:42:23	2TI
26	133 18:56:03	32			CC4A	UNDERVOLTAGE TRIP RESET			19645:29:788F	02-133/09:42:23	2TI
27	133 18:56:03	32			CC4K	RTG-1 DIODE BYPASS ON			19645:29:788F	02-133/09:42:23	2TI
28	133 18:56:03	32			CC4L	RTG-2 DIODE BYPASS ON			19645:29:788F	02-133/09:42:23	2TI
29	133 18:56:03	32			CC4M	RTG-3 DIODE BYPASS ON			19645:29:788F	02-133/09:42:23	2TI
30	133 18:56:03	32				CCS STATUS			19645:29:788F	02-133/09:42:23	2TI
31	133 18:56:03	32			DC5AR	CCS TOL DET ENABLE			19645:29:788F	02-133/09:42:23	2TI
32	133 18:56:03	32				FDS STATUS			19645:29:788F	02-133/09:42:23	2TI
33	133 18:56:03	32			CC6CP	FDS ON/ISS PWR ENABLE			19645:29:788F	02-133/09:42:23	2TI
34	133 18:56:03	32			CC6AA	0 SVC-W1			19645:29:788F	02-133/09:42:23	2TI
35	133 18:56:03	32			CC6AD	2210 SVC-W4			19645:29:788F	02-133/09:42:23	2TI
36	133 18:56:03	32			CC6AE	30003 SVC-W5			19645:29:788F	02-133/09:42:23	2TI
37	133 18:56:03	32			CC6AP	FDS PWR CONV A SEL			19645:29:788F	02-133/09:42:23	2TI
38	133 18:56:03	32			CC6AB	01110 SVC-W2			19645:29:788F	02-133/09:42:23	2TI
39	133 18:56:03	32			SC06BB	530070 FDS DATA MODE			19645:29:788F	02-133/09:42:23	2TI
40	133 18:56:03	32				AACS STATUS			19645:29:788F	02-133/09:42:23	2TI
41	133 18:56:03	32			AC7PCG	14 HYBIC 2 PWR ON			19645:29:788F	02-133/09:42:23	2TI
42	133 18:56:03	32			CC7ML	05 CST ON			19645:29:788F	02-133/09:42:23	2TI
43	133 18:56:03	32			AC7CTG	10 376 CST HI GATE			19645:29:788F	02-133/09:42:23	2TI
44	133 18:56:03	32			AC7CTG	11 422 CST LO GATE			19645:29:788F	02-133/09:42:23	2TI
45	133 18:56:03	32			AC7GYP	111 GYRO PATTERN			19645:29:788F	02-133/09:42:23	2TI
46	133 18:56:03	32			AC7PCG	52 GYRO A OFF			19645:29:788F	02-133/09:42:23	2TI

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47	133 18:56:03	32			AC7PCG	62 GYRO B OFF			19645:29:788F	02-133/09:42:23	2TI
48	133 18:56:03	32			AC7PCG	72 GYRO C OFF			19645:29:788F	02-133/09:42:23	2TI
49	133 18:56:03	32			AC7DDB	000480 DEAD BAND CONTROL			19645:29:788F	02-133/09:42:23	2TI
50	133 18:56:03	32			AC7PAR	7530 000000 GYRO OFF NORM			19645:29:788F	02-133/09:42:23	2TI
51	133 18:56:03	32			AC7PAR	6740 000740 PITCH DEADBAND			19645:29:788F	02-133/09:42:23	2TI
52	133 18:56:03	32			AC7PAR	6741 001700 YAW DEADBAND			19645:29:788F	02-133/09:42:23	2TI
53	133 18:56:03	32			AC7PAR	6742 004540 ROLL DEADBAND			19645:29:788F	02-133/09:42:23	2TI
54	133 18:56:03	32			DEADBAND	DEAD BAND STATE: 05 10 25			19645:29:788F	02-133/09:42:23	2TI
55	133 18:56:03	32			CC7SS	1 AACS TO RAI			19645:29:788F	02-133/09:42:23	2TI
56	133 18:56:03	32			CC7CT	03 CST CONE ANGLE 3			19645:29:788F	02-133/09:42:23	2TI
57	133 18:56:03	32			CC7AHRP	SS HTR A OFF			19645:29:788F	02-133/09:42:23	2TI
58	133 18:56:03	32			CC7BHP	SS HTR B ON			19645:29:788F	02-133/09:42:23	2TI
59	133 18:56:03	32			CC7ML	01 FDS CHAN A			19645:29:788F	02-133/09:42:23	2TI
60	133 18:56:03	32			CC7ML	09 TCAPU FAULT ENA			19645:29:788F	02-133/09:42:23	2TI
61	133 18:56:03	32			AC7PCG	61 AACS BAY 6 HTR A OFF			19645:29:788F	02-133/09:42:23	2TI
62	133 18:56:03	32			AC7PCG	71 AACS BAY 6 HTR B OFF			19645:29:788F	02-133/09:42:23	2TI
63	133 18:56:03	32			CC7MMRP	PROC/MEM 2 SELECT			19645:29:788F	02-133/09:42:23	2TI
64	133 18:56:03	32			CC7SHRP	AZ SCAN ACTUATOR HTR OFF			19645:29:788F	02-133/09:42:23	2TI
65	133 18:56:03	32			AC7PCG	22 CST SUN SHUTTER OFF			19645:29:788F	02-133/09:42:23	2TI
66	133 18:56:03	32			AC7PCG	10 ISO VALVE BRANCH 1 OFF			19645:29:788F	02-133/09:42:23	2TI
67	133 18:56:03	32			AC7PCG	20 ISO VALVE BRANCH 2 OFF			19645:29:788F	02-133/09:42:23	2TI
68	133 18:56:03	32			CC1PHRP	SCAN PLAT SUPL HTR OFF			19645:29:788F	02-133/09:42:23	2TI
69	133 18:56:03	32			CC77MRP	MAM OFF			19645:29:788F	02-133/09:42:23	2TI

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70	133 18:56:03	32			DC77PR	NON-PRIME FCP/MEM OFF			19645:29:788F	02-133/09:42:23	2TI
71	133 18:56:03	32			DC77XR	MAM COMMAND DISABLE			19645:29:788F	02-133/09:42:23	2TI
72	133 18:56:03	32				PYRO STATUS			19645:29:788F	02-133/09:42:23	2TI
73	133 18:56:03	32			CC8D	PSU INSTRUMENTATION ON			19645:29:788F	02-133/09:42:23	2TI
74	133 18:56:03	32			DC8XR	PYRO DISABLE			19645:29:788F	02-133/09:42:23	2TI
75	133 18:56:03	32				PROPULSION STATUS			19645:29:788F	02-133/09:42:23	2TI
76	133 18:56:03	32			CC10CRP	TCM HTR OFF			19645:29:788F	02-133/09:42:23	2TI
77	133 18:56:03	32			CC10DR	AP BR1 HTR OFF			19645:29:788F	02-133/09:42:23	2TI
78	133 18:56:03	32			CC10E	AP BR2 HTR ON			19645:29:788F	02-133/09:42:23	2TI
79	133 18:56:03	32			CC10TRP	TCM LINE HTRS OFF			19645:29:788F	02-133/09:42:23	2TI
80	133 18:56:03	32				DSS STATUS			19645:29:788F	02-133/09:42:23	2TI
81	133 18:56:03	32			CC16BR	DSS 10 W REPL HTR OFF			19645:29:788F	02-133/09:42:23	2TI
82	133 18:56:03	32			CC16AP	DSS ON			19645:29:788F	02-133/09:42:23	2TI
83	133 18:56:03	32			CC1DR	BAY 2 19 W HTR OFF			19645:29:788F	02-133/09:42:23	2TI
84	133 18:56:03	32			CC16C	7224 DSS CONTROL			19645:29:788F	02-133/09:42:23	2TI
85	133 18:56:03	32				SCIENCE PWR STATUS			19645:29:788F	02-133/09:42:23	2TI
86	133 18:56:03	32			CC1CR	MAG COIL OFF			19645:29:788F	02-133/09:42:23	2TI
87	133 18:56:03	32			CC21A	CRS ON			19645:29:788F	02-133/09:42:23	2TI
88	133 18:56:03	32			CC21B	CRS REPL HTR ON			19645:29:788F	02-133/09:42:23	2TI
89	133 18:56:03	32			CC21CR	CRS SUPP HTR OFF			19645:29:788F	02-133/09:42:23	2TI
90	133 18:56:03	32			CC22A	PRA ON			19645:29:788F	02-133/09:42:23	2TI
91	133 18:56:03	32			CC23A	PWS ON			19645:29:788F	02-133/09:42:23	2TI
92	133 18:56:03	32			CC25A	LECP ON			19645:29:788F	02-133/09:42:23	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
93	133 18:56:03	32			CC25B	LECP STEPPER MOTOR ON			19645:29:788F	02-133/09:42:23	2TI
94	133 18:56:03	32			CC25CR	LECP REPL HTR OFF			19645:29:788F	02-133/09:42:23	2TI
95	133 18:56:03	32			CC25D	LECP MAIN SUPP HTR ON			19645:29:788F	02-133/09:42:23	2TI
96	133 18:56:03	32			CC25E	LECP LEPT SUPP HTR ON			19645:29:788F	02-133/09:42:23	2TI
97	133 18:56:03	32			CC27BR	PPS SUPP HTR OFF			19645:29:788F	02-133/09:42:23	2TI
98	133 18:56:03	32			CC32A	PLS ON			19645:29:788F	02-133/09:42:23	2TI
99	133 18:56:03	32			CC32B	PLS SUPP HTR ON			19645:29:788F	02-133/09:42:23	2TI
100	133 18:56:03	32			CC32CR	PLS REPL HTR OFF			19645:29:788F	02-133/09:42:23	2TI
101	133 18:56:03	32			CC34AR	UVS OFF			19645:29:788F	02-133/09:42:23	2TI
102	133 18:56:03	32			CC34BR	UVS REPL HTR OFF			19645:29:788F	02-133/09:42:23	2TI
103	133 18:56:03	32			CC35AR	MAG OFF			19645:29:788F	02-133/09:42:23	2TI
104	133 18:56:03	32			CC35B	MAG STANDBY ON			19645:29:788F	02-133/09:42:23	2TI
105	133 18:56:03	32			CC35GR	MAG SENSOR HTR OFF			19645:29:788F	02-133/09:42:23	2TI
106	133 18:56:03	32			CC36GR	ISS WA VID REPL HTR OFF			19645:29:788F	02-133/09:42:23	2TI
107	133 18:56:03	32			CC36HR	ISS WA ELEC REPL HTR OFF			19645:29:788F	02-133/09:42:23	2TI
108	133 18:56:03	32			CC36CRP	ISS NA OPTICS HTR OFF			19645:29:788F	02-133/09:42:23	2TI
109	133 18:56:03	32			CC36FRP	ISS NA VID REPL HTR OFF			19645:29:788F	02-133/09:42:23	2TI
110	133 18:56:03	32			CC36JRP	ISS NA ELEC REPL HTR OFF			19645:29:788F	02-133/09:42:23	2TI
111	133 18:56:03	32			CC39DR	IRIS REPL HTR OFF			19645:29:788F	02-133/09:42:23	2TI
112	133 18:56:03	32			CC39FR	IRIS STANDBY A SUPPLY OFF			19645:29:788F	02-133/09:42:23	2TI
113	133 18:56:03	32			CC39BR	IRIS STANDBY B SUPPLY OFF			19645:29:788F	02-133/09:42:23	2TI
114	133 18:56:03	32				SCIENCE INSTRUMENT STATUS			19645:29:788F	02-133/09:42:23	2TI
115	133 18:56:03	32			SC21AF	01000 CRS CMD WORD			19645:29:788F	02-133/09:42:23	2TI

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116	133 18:56:03	32			SC21AF	02000 CRS CMD WORD			19645:29:788F	02-133/09:42:23	2TI
117	133 18:56:03	32			SC21AF	03010 CRS CMD WORD			19645:29:788F	02-133/09:42:23	2TI
118	133 18:56:03	32			SC21AF	04000 CRS CMD WORD			19645:29:788F	02-133/09:42:23	2TI
119	133 18:56:03	32			SC21AF	05302 CRS CMD WORD			19645:29:788F	02-133/09:42:23	2TI
120	133 18:56:03	32			SC21AF	06200 CRS CMD WORD			19645:29:788F	02-133/09:42:23	2TI
121	133 18:56:03	32			SC21AF	07000 CRS CMD WORD			19645:29:788F	02-133/09:42:23	2TI
122	133 18:56:03	32			SC21AF	08200 CRS CMD WORD			19645:29:788F	02-133/09:42:23	2TI
123	133 18:56:03	32			SC21AF	10000 CRS CMD WORD			19645:29:788F	02-133/09:42:23	2TI
124	133 18:56:03	32			SC21AF	11000 CRS CMD WORD			19645:29:788F	02-133/09:42:23	2TI
125	133 18:56:03	32			SC21AF	12000 CRS CMD WORD			19645:29:788F	02-133/09:42:23	2TI
126	133 18:56:03	32			SC21AF	13004 CRS CMD WORD			19645:29:788F	02-133/09:42:23	2TI
127	133 18:56:03	32			SC21AG	CRS HV FLAG			19645:29:788F	02-133/09:42:23	2TI
128	133 18:56:03	32			SC21AH	CRS CAL-ST FLAG			19645:29:788F	02-133/09:42:23	2TI
129	133 18:56:03	32			SC22AF	1347 PRA CONFIGURATION CMD			19645:29:788F	02-133/09:42:23	2TI
130	133 18:56:03	32			SC22NU	0000 PRA MODE SELECT			19645:29:788F	02-133/09:42:23	2TI
131	133 18:56:03	32			SC23AD	5 PWS CMD WORD			19645:29:788F	02-133/09:42:23	2TI
132	133 18:56:03	32			SC25AH	1677 LECP CMD WORD			19645:29:788F	02-133/09:42:23	2TI
133	133 18:56:03	32			SC25AH	3017 LECP CMD WORD			19645:29:788F	02-133/09:42:23	2TI
134	133 18:56:03	32			SC25AH	5600 LECP CMD WORD			19645:29:788F	02-133/09:42:23	2TI
135	133 18:56:03	32			SC25AH	6032 LECP CMD WORD			19645:29:788F	02-133/09:42:23	2TI
136	133 18:56:03	32			SC25AJ	1 LECP MOTOR STEP CMD			19645:29:788F	02-133/09:42:23	2TI
137	133 18:56:03	32			SC25AN	0 LECP NEAR/FAR ENC			19645:29:788F	02-133/09:42:23	2TI
138	133 18:56:03	32			SC25AQ	5200 LECP SAFE CMD			19645:29:788F	02-133/09:42:23	2TI

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139	133 18:56:03	32			SC32AF	2 PLS E1 INT/AMP GAIN			19645:29:788F	02-133/09:42:23	2TI
140	133 18:56:03	32			SC32AG	2 PLS E2 INT/AMP GAIN			19645:29:788F	02-133/09:42:23	2TI
141	133 18:56:03	32			SC32AH	2 PLS M INT/AMP GAIN			19645:29:788F	02-133/09:42:23	2TI
142	133 18:56:03	32			SC32AJ	15 PLS CONFIG CMD			19645:29:788F	02-133/09:42:23	2TI
143	133 18:56:03	32			SC32AK	2 PLS L INT/AMP GAIN			19645:29:788F	02-133/09:42:23	2TI
144	133 18:56:03	32			SC32AL	216 PLS M START WORD 1			19645:29:788F	02-133/09:42:23	2TI
145	133 18:56:03	32			SC32AM	116 PLS M START WORD 2			19645:29:788F	02-133/09:42:23	2TI
146	133 18:56:03	32			SC32AN	2 PLS M MODE			19645:29:788F	02-133/09:42:23	2TI
147	133 18:56:03	32			SC32AP	3 PLS E1 SHRT			19645:29:788F	02-133/09:42:23	2TI
148	133 18:56:03	32			SC32AQ	3 PLS E2 SHRT			19645:29:788F	02-133/09:42:23	2TI
149	133 18:56:03	32			SC32AR	3 PLS L SHORT			19645:29:788F	02-133/09:42:23	2TI
150	133 18:56:03	32			SC32AS	2 PLS E1 LONG			19645:29:788F	02-133/09:42:23	2TI
151	133 18:56:03	32			SC32AT	2 PLS E2 LONG			19645:29:788F	02-133/09:42:23	2TI
152	133 18:56:03	32			SC32AU	2 PLS L LONG			19645:29:788F	02-133/09:42:23	2TI
153	133 18:56:03	32			SC34AE	13 UVS MODE/HV LEVEL			19645:29:788F	02-133/09:42:23	2TI
154	133 18:56:03	32			SC34AF	0 UVS READ OUT FLAG			19645:29:788F	02-133/09:42:23	2TI
155	133 18:56:03	32			SC35AI	030001 MAG HFM/EL FLIP/IFC/LFM			19645:29:788F	02-133/09:42:23	2TI
156	133 18:56:03	32			SC35AO	030001 MAG HFM/PRIME/IFC/LFM RAN			19645:29:788F	02-133/09:42:23	2TI
157	133 18:56:04	32				BEGIN SEQUENCE B116 -- LOCK STAR			19645:30:001F	02-133/09:42:23	2T
158	133 23:20:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9057					2DP
159	134 00:00:00	32				VGR-32 OWLT IS 09H 13M 40S					2L
160	134 02:24:28	32	40 SET			10 DEGREE SET DSC-40					2V
161	134 10:20:24	32	40RISE			10 DEGREE RISE DSC-40					2V

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT 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	134 12:00:00	32				VGR-32 OWLT IS 09H 13M 39S					2L
163	134 13:35:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9058 (D/L ONLY)					2DP
164	134 14:49:27	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
165	134 14:49:27	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
166	134 14:50:15	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
167	134 14:50:15	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
168	134 14:53:39	32				BEGIN PWSREC			19670:27:001F	02-134/05:39:59	2T
169	134 14:53:39	32				B- DRGS4B			19670:27:001F	02-134/05:39:59	2TB
170	134 14:53:39	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			19670:27:009F	02-134/05:40:00	2ECf
171	134 14:54:23	32				BEGIN RECORDING PWS DATA			19670:27:734F	02-134/05:40:43	2T
172	134 14:54:23	32			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		19670:27:735F	02-134/05:40:43	2ECd
173	134 14:54:23	32				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:4 TIC:2348	DTR		19670:27:735F	02-134/05:40:43	2ESd

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT 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	134 14:54:27	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	19670:28:001F	02-134/05:40:47	2ESf
175	134 14:54:27	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		19670:28:002F	02-134/05:40:47	2ECs
176	134 14:54:28	32				B- DRCRUS			19670:28:018F	02-134/05:40:48	2TB
177	134 14:54:28	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		19670:28:025F	02-134/05:40:49	2ECf
178	134 14:55:15	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	19670:29:001F	02-134/05:41:35	2ESf
179	134 14:55:15	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		19670:29:001F	02-134/05:41:35	2ECd
180	134 14:55:15	32				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:2057	DTR		19670:29:001F	02-134/05:41:35	2ESd
181	134 14:55:15	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		19670:29:002F	02-134/05:41:35	2ECs
182	134 14:55:16	32				END PWSREC			19670:29:018F	02-134/05:41:36	2T
183	134 22:14:26	32				B- MEMUPD			19679:38:001F	02-134/13:00:47	2TB
184	134 22:14:26	32				MEMUPD - DELINK BHEL11			19679:38:001F	02-134/13:00:47	2T

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
185	134 23:20:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9058					2DP
186	135 00:00:00	32				VGR-32 OWLT IS 09H 13M 38S					2L
187	135 02:20:33	32	40 SET			10 DEGREE SET DSC-40					2V
188	135 10:16:23	32	40RISE			10 DEGREE RISE DSC-40					2V
189	135 11:10:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9059 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
190	135 12:00:00	32				VGR-32 OWLT IS 09H 13M 37S					2L
191	135 16:14:25	32				B- MISCMD			19702:08:001F	02-135/07:00:47	2TB
192	135 16:14:25	32				MISCMD - PWS WFR OFF			19702:08:001F	02-135/07:00:47	2T
193	135 16:14:25	32			SC23AD	PWS BI-LEVEL COMMAND RNG HI WFR	FDS		19702:08:009F	02-135/07:00:48	2ECF
194	135 16:20:01	32				B- MISCMD			19702:15:001F	02-135/07:06:23	2TB
195	135 16:20:01	32				MISCMD - PWS WFR ON			19702:15:001F	02-135/07:06:23	2T
196	135 16:20:01	32			SC23AD	PWS BI-LEVEL COMMAND RNG HI WFR	FDS		19702:15:008F	02-135/07:06:24	2ECF
197	136 00:00:00	32				VGR-32 OWLT IS 09H 13M 36S					2L
198	136 01:20:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9059					2DP
199	136 02:16:39	32	40 SET			10 DEGREE SET DSC-40					2V
200	136 10:05:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9060 (D/L ONLY)					2DP
201	136 10:12:21	32	40RISE			10 DEGREE RISE DSC-40					2V
202	136 12:00:00	32				VGR-32 OWLT IS 09H 13M 35S					2L
203	137 00:00:00	32				VGR-32 OWLT IS 09H 13M 34S					2L
204	137 01:50:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9060					2DP
205	137 02:12:44	32	40 SET			10 DEGREE SET DSC-40					2V
206	137 10:00:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9061 (D/L ONLY)					2DP
207	137 10:08:20	32	40RISE			10 DEGREE RISE DSC-40					2V

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
222	138 02:52:44	32				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:0868	DTR		19775:26:001F	02-137/17:39:11	2ESd
223	138 02:53:32	32				BHEL11 PWSREC 10			19775:27:001F	02-137/17:39:59	2T
224	138 02:53:32	32				B- PWSREC			19775:27:001F	02-137/17:39:59	2TB
225	138 02:53:32	32				BEGIN PWSREC			19775:27:001F	02-137/17:39:59	2T
226	138 02:53:32	32				B- DRGS4B			19775:27:001F	02-137/17:39:59	2TB
227	138 02:53:32	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		19775:27:009F	02-137/17:40:00	2ECf
228	138 02:54:16	32				BEGIN RECORDING PWS DATA			19775:27:734F	02-137/17:40:43	2T
229	138 02:54:16	32			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		19775:27:735F	02-137/17:40:43	2ECd
230	138 02:54:16	32				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:6 TIC:0868	DTR		19775:27:735F	02-137/17:40:43	2ESd
231	138 02:54:20	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	19775:28:001F	02-137/17:40:47	2ESf
232	138 02:54:20	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		19775:28:002F	02-137/17:40:47	2ECs
233	138 02:54:21	32				B- DRCRUS			19775:28:018F	02-137/17:40:48	2TB

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT 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	138 02:54:21	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		19775:28:025F	02-137/17:40:49	2ECf
235	138 02:55:08	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	19775:29:001F	02-137/17:41:35	2ESf
236	138 02:55:08	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		19775:29:001F	02-137/17:41:35	2ECd
237	138 02:55:08	32				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:6 TIC:0577	DTR		19775:29:001F	02-137/17:41:35	2ESd
238	138 02:55:08	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		19775:29:002F	02-137/17:41:35	2ECs
239	138 02:55:09	32				END PWSREC			19775:29:018F	02-137/17:41:36	2T
240	138 05:02:20	32			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		19778:08:001F	02-137/19:48:47	2ECd
241	138 05:02:20	32				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0570	DTR		19778:08:001F	02-137/19:48:47	2ESd
242	138 06:10:49	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		19779:33:481F	02-137/20:57:16	2ECd
243	138 06:10:49	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:2050	DTR		19779:33:481F	02-137/20:57:16	2ESd
244	138 08:02:20	32			CC16C	(7024) DTR STATE SELECT: READY	DTR		19781:53:001F	02-137/22:48:47	2ECd

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
245	138 08:02:20	32				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:2050	DTR		19781:53:001F	02-137/22:48:47	2ESd
246	138 09:40:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9062 (D/L ONLY)					2DP
247	138 10:04:18	32	40RISE			10 DEGREE RISE DSC-40					2V
248	138 12:00:00	32				VGR-32 OWLT IS 09H 13M 32S					2L
249	138 17:15:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9062					2DP
250	139 00:00:00	32				VGR-32 OWLT IS 09H 13M 31S					2L
251	139 02:04:54	32	40 SET			10 DEGREE SET DSC-40					2V
252	139 09:50:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9063 (D/L ONLY)					2DP
253	139 10:00:16	32	40RISE			10 DEGREE RISE DSC-40					2V
254	139 12:00:00	32				VGR-32 OWLT IS 09H 13M 30S					2L
255	139 23:45:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9063					2DP
256	140 00:00:00	32				VGR-32 OWLT IS 09H 13M 29S					2L
257	140 02:00:59	32	40 SET			10 DEGREE SET DSC-40					2V
258	140 09:56:14	32	40RISE			10 DEGREE RISE DSC-40					2V
259	140 10:15:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9064 (D/L ONLY)					2DP
260	140 12:00:00	32				VGR-32 OWLT IS 09H 13M 29S					2L
261	140 22:55:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9064					2DP
262	141 00:00:00	32				VGR-32 OWLT IS 09H 13M 28S					2L
263	141 01:57:04	32	40 SET			10 DEGREE SET DSC-40					2V
264	141 09:35:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9065 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
265	141 09:52:12	32	40RISE			10 DEGREE RISE DSC-40					2V

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
278	141 14:30:15	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		19879:58:002F	02-141/05:16:47	2ECs
279	141 14:30:16	32				B- DRCRUS			19879:58:018F	02-141/05:16:48	2TB
280	141 14:30:16	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		19879:58:025F	02-141/05:16:49	2ECF
281	141 14:31:03	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	19879:59:001F	02-141/05:17:35	2ESF
282	141 14:31:03	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		19879:59:001F	02-141/05:17:35	2ECd
283	141 14:31:03	32				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:1759	DTR		19879:59:001F	02-141/05:17:35	2ESd
284	141 14:31:03	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		19879:59:002F	02-141/05:17:35	2ECs
285	141 14:31:04	32				END PWSREC			19879:59:018F	02-141/05:17:36	2T
286	141 22:35:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9065					2DP
287	141 23:59:03	32			AC7SSB	(3 +000) SS BIAS CONTROL - PITCH	AACS		19891:49:003F	02-141/14:45:35	2ECa
288	142 00:00:00	32				VGR-32 OWLT IS 09H 13M 27S					2L
289	142 01:53:09	32	40 SET			10 DEGREE SET DSC-40					2V
290	142 09:48:10	32	40RISE			10 DEGREE RISE DSC-40					2V
291	142 11:05:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9066 (D/L ONLY)					2DP

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
292	142 12:00:00	32				VGR-32 OWLT IS 09H 13M 26S					2L
293	142 23:25:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9066					2DP
294	143 00:00:00	32				VGR-32 OWLT IS 09H 13M 25S					2L
295	143 01:49:14	32	40 SET			10 DEGREE SET DSC-40					2V
296	143 09:35:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9067 (D/L ONLY)					2DP
297	143 09:44:08	32	40RISE			10 DEGREE RISE DSC-40					2V
298	143 12:00:00	32				VGR-32 OWLT IS 09H 13M 25S					2L
299	143 14:47:49	32			AC7SSB	(4 +151) SS BIAS CONTROL --- YAW	AACS		19940:20:003F	02-143/05:34:23	2ECa
300	143 22:45:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9067					2DP
301	144 00:00:00	32				VGR-32 OWLT IS 09H 13M 24S					2L
302	144 01:45:19	32	40 SET			10 DEGREE SET DSC-40					2V
303	144 09:30:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9068 (D/L ONLY)					2DP
304	144 09:40:06	32	40RISE			10 DEGREE RISE DSC-40					2V
305	144 12:00:00	32				VGR-32 OWLT IS 09H 13M 24S					2L
306	145 00:00:00	32				VGR-32 OWLT IS 09H 13M 23S					2L
307	145 01:30:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9068					2DP
308	145 01:41:23	32	40 SET			10 DEGREE SET DSC-40					2V
309	145 09:25:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9069 (D/L ONLY)					2DP
310	145 09:36:04	32	40RISE			10 DEGREE RISE DSC-40					2V
311	145 12:00:00	32				VGR-32 OWLT IS 09H 13M 22S					2L
312	146 00:00:00	32				VGR-32 OWLT IS 09H 13M 22S					2L
313	146 01:20:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9069					2DP
314	146 01:37:28	32	40 SET			10 DEGREE SET DSC-40					2V

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
315	146 02:52:34	32			AC7SSB	(3 -001) SS BIAS CONTROL - PITCH	AACS		20015:26:003F	02-145/17:39:11	2ECa
316	146 09:32:02	32	40RISE			10 DEGREE RISE DSC-40					2V
317	146 11:15:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9070 (D/L ONLY)					2DP
318	146 12:00:00	32				VGR-32 OWLT IS 09H 13M 22S					2L
319	147 00:00:00	32				VGR-32 OWLT IS 09H 13M 21S					2L
320	147 01:20:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9070					2DP
321	147 01:33:32	32	40 SET			10 DEGREE SET DSC-40					2V
322	147 09:25:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9071 (D/L ONLY)					2DP
323	147 09:27:59	32	40RISE			10 DEGREE RISE DSC-40					2V
324	147 12:00:00	32				VGR-32 OWLT IS 09H 13M 21S					2L
325	147 22:30:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9071					2DP
326	148 00:00:00	32				VGR-32 OWLT IS 09H 13M 20S					2L
327	148 01:29:36	32	40 SET			10 DEGREE SET DSC-40					2V
328	148 05:48:32	32			AC7SSB	(4 +152) SS BIAS CONTROL --- YAW	AACS		20079:06:003F	02-147/20:35:11	2ECa
329	148 09:23:57	32	40RISE			10 DEGREE RISE DSC-40					2V
330	148 11:30:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9072 (D/L ONLY)					2DP
331	148 12:00:00	32				VGR-32 OWLT IS 09H 13M 20S					2L
332	148 14:01:08	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
333	148 14:01:08	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
334	148 14:01:56	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
346	148 14:06:56	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	20089:29:001F	02-148/04:53:35	2ESf
347	148 14:06:56	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		20089:29:001F	02-148/04:53:35	2ECd
348	148 14:06:56	32				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:1461	DTR		20089:29:001F	02-148/04:53:35	2ESd
349	148 14:06:56	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		20089:29:002F	02-148/04:53:35	2ECs
350	148 14:06:57	32				END PWSREC			20089:29:018F	02-148/04:53:36	2T
351	148 15:07:32	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
352	148 15:07:32	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
353	148 15:07:44	32				BEGIN PMPCALLR			20090:45:001F	02-148/05:54:23	2T
354	148 15:11:44	32				B- DRCR5T			20090:50:001F	02-148/05:58:23	2TB
355	148 15:11:44	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		20090:50:009F	02-148/05:58:24	2ECf
356	148 15:12:32	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	20090:51:001F	02-148/05:59:11	2ESf

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
357	148 15:12:32	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		20090:51:001F	02-148/05:59:11	2ECs
358	148 15:18:56	32			SC06BY	(7) FDS PLS/MAG/PESCAL FLAG PLSCAL ENABLED MAGCAL ENABLED PESCAL ENABLED	FDS		20090:59:009F	02-148/06:05:36	2ECf
359	148 15:19:44	32				BEGIN PLS/MAG/PESCAL			20091:00:001F	02-148/06:06:23	2T
360	148 17:02:08	32				END PLSCAL			20093:08:001F	02-148/07:48:47	2T
361	148 18:22:08	32				END MAGCAL			20094:48:001F	02-148/09:08:47	2T
362	148 18:35:32	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
363	148 18:35:32	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
364	148 18:39:44	32				END PESCAL			20095:10:001F	02-148/09:26:23	2T
365	148 18:39:44	32				B- DRCRUS			20095:10:001F	02-148/09:26:23	2TB
366	148 18:39:44	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		20095:10:009F	02-148/09:26:24	2ECf
367	148 18:40:32	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	20095:11:001F	02-148/09:27:11	2ESf
368	148 18:40:32	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		20095:11:002F	02-148/09:27:11	2ECs
369	148 18:40:33	32				END PMPCALLR			20095:11:018F	02-148/09:27:12	2T

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
370	148 22:45:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9072					2DP
371	149 00:00:00	32				VGR-32 OWLT IS 09H 13M 19S					2L
372	149 01:25:41	32	40 SET			10 DEGREE SET DSC-40					2V
373	149 09:10:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9073 (D/L ONLY)					2DP
374	149 09:19:55	32	40RISE			10 DEGREE RISE DSC-40					2V
375	149 12:00:00	32				VGR-32 OWLT IS 09H 13M 19S					2L
376	149 23:45:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9073					2DP
377	150 00:00:00	32				VGR-32 OWLT IS 09H 13M 19S					2L
378	150 01:21:45	32	40 SET			10 DEGREE SET DSC-40					2V
379	150 05:46:07	32			AC7SSB	(3 -002) SS BIAS CONTROL - PITCH	AACS		20139:03:003F	02-149/20:32:47	2ECa
380	150 08:55:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9074 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
381	150 09:15:52	32	40RISE			10 DEGREE RISE DSC-40					2V
382	150 12:00:00	32				VGR-32 OWLT IS 09H 13M 19S					2L
383	150 12:50:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9074					2DP
384	150 17:20:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9074 (D/L ONLY)					2DP
385	150 23:30:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9074					2DP
386	151 00:00:00	32				VGR-32 OWLT IS 09H 13M 18S					2L
387	151 01:17:49	32	40 SET			10 DEGREE SET DSC-40					2V
388	151 09:05:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9075 (D/L ONLY)					2DP
389	151 09:11:50	32	40RISE			10 DEGREE RISE DSC-40					2V
390	151 12:00:00	32				VGR-32 OWLT IS 09H 13M 18S					2L
391	152 00:00:00	32				VGR-32 OWLT IS 09H 13M 18S					2L
392	152 01:00:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9075					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
393	152 01:13:53	32	40	SET		10 DEGREE SET DSC-40					2V
394	152 09:00:00	32	45	AO	OPCH ACE	AOS DSS-45 PASS-9076 (D/L ONLY)					2DP
395	152 09:07:47	32	40	RISE		10 DEGREE RISE DSC-40					2V
396	152 12:00:00	32				VGR-32 OWLT IS 09H 13M 18S					2L
397	152 20:49:18	32			AC7SSB	(4 +153) SS BIAS CONTROL --- YAW	AACS		20217:52:003F	02-152/11:35:59	2ECa
398	152 21:30:00	32	45	LO	OPCH ACE	LOS DSS-45 PASS-9076					2DP
399	153 00:00:00	32				VGR-32 OWLT IS 09H 13M 18S					2L
400	153 01:09:57	32	40	SET		10 DEGREE SET DSC-40					2V
401	153 08:55:00	32	45	AO	OPCH ACE	AOS DSS-45 PASS-9077 (D/L ONLY)					2DP
402	153 09:03:45	32	40	RISE		10 DEGREE RISE DSC-40					2V
403	153 12:00:00	32				VGR-32 OWLT IS 09H 13M 17S					2L
404	154 00:00:00	32				VGR-32 OWLT IS 09H 13M 17S					2L
405	154 00:55:00	32	45	LO	OPCH ACE	LOS DSS-45 PASS-9077					2DP
406	154 01:06:01	32	40	SET		10 DEGREE SET DSC-40					2V
407	154 08:39:41	32			AC7SSB	(3 -003) SS BIAS CONTROL - PITCH	AACS		20262:40:003F	02-153/23:26:23	2ECa
408	154 08:45:00	32	45	AO	OPCH ACE	AOS DSS-45 PASS-9078 (D/L ONLY)					2DP
409	154 08:59:42	32	40	RISE		10 DEGREE RISE DSC-40					2V
410	154 10:30:00	32	43	AO	OPCH ACE	AOS DSS-43 PASS-9078 (D/L ONLY)					2DP
411	154 10:50:00	32	45	LO	OPCH ACE	LOS DSS-45 PASS-9078					2DP
412	154 12:00:00	32				VGR-32 OWLT IS 09H 13M 17S					2L
413	154 18:10:00	32	43	LO	OPCH ACE	LOS DSS-43 PASS-9078					2DP
414	155 00:00:00	32				VGR-32 OWLT IS 09H 13M 17S					2L
415	155 01:02:04	32	40	SET		10 DEGREE SET DSC-40					2V

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
416	155 08:55:39	32	40RISE			10 DEGREE RISE DSC-40					2V
417	155 11:45:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9079 (U/L PASS) XMTR ON PER TELECOM MESSAGE					2DP
418	155 12:00:00	32				VGR-32 OWLT IS 09H 13M 17S					2L
419	155 13:37:05	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESF
420	155 13:37:05	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
421	155 13:37:53	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESF
422	155 13:37:53	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
423	155 13:41:17	32				BEGIN PWSREC			20298:57:001F	02-155/04:27:59	2T
424	155 13:41:17	32				B- DRGS4B			20298:57:001F	02-155/04:27:59	2TB
425	155 13:41:17	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		20298:57:009F	02-155/04:28:00	2ECF
426	155 13:42:01	32				BEGIN RECORDING PWS DATA			20298:57:734F	02-155/04:28:43	2T
427	155 13:42:01	32			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		20298:57:735F	02-155/04:28:43	2ECd
428	155 13:42:01	32				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:4 TIC:1454	DTR	20298:57:735F	02-155/04:28:43	2ESd	

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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
429	155 13:42:05	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	20298:58:001F	02-155/04:28:47	2ESf
430	155 13:42:05	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		20298:58:002F	02-155/04:28:47	2ECs
431	155 13:42:06	32				B- DRCRUS			20298:58:018F	02-155/04:28:48	2TB
432	155 13:42:06	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		20298:58:025F	02-155/04:28:49	2ECf
433	155 13:42:53	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	20298:59:001F	02-155/04:29:35	2ESf
434	155 13:42:53	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		20298:59:001F	02-155/04:29:35	2ECd
435	155 13:42:53	32				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:1163	DTR		20298:59:001F	02-155/04:29:35	2ESd
436	155 13:42:53	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		20298:59:002F	02-155/04:29:35	2ECs
437	155 13:42:54	32				END PWSREC			20298:59:018F	02-155/04:29:36	2T
438	155 22:20:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9079					2DP
439	156 00:00:00	32				VGR-32 OWLT IS 09H 13M 17S					2L

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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
440	156 00:58:08	32	40	SET		10 DEGREE SET DSC-40					2V
441	156 08:51:37	32	40	RISE		10 DEGREE RISE DSC-40					2V
442	156 09:20:00	32	34	AO	OPCH ACE	AOS DSS-34 PASS-9080 (D/L ONLY)					2DP
443	156 12:00:00	32				VGR-32 OWLT IS 09H 13M 17S					2L
444	156 19:20:00	32	34	LO	OPCH ACE	LOS DSS-34 PASS-9080					2DP
445	157 00:00:00	32				VGR-32 OWLT IS 09H 13M 17S					2L
446	157 00:54:12	32	40	SET		10 DEGREE SET DSC-40					2V
447	157 08:30:00	32	43	AO	OPCH ACE	AOS DSS-43 PASS-9081 (D/L ONLY)					2DP
448	157 08:47:34	32	40	RISE		10 DEGREE RISE DSC-40					2V
449	157 11:50:05	32			AC7SSB	(4 +154) SS BIAS CONTROL --- YAW	AACS		20356:38:003F	02-157/02:36:47	2ECa
450	157 12:00:00	32				VGR-32 OWLT IS 09H 13M 17S					2L
451	157 14:30:00	32	43	LO	OPCH ACE	LOS DSS-43 PASS-9081					2DP
452	157 17:14:15	32			ACE ALL	>>>>>>>> 1 HR WARNING <<<<<<<<< FOR S/C-32 COMMAND MORATORIUM					2T
453	157 18:14:15	32			ACE ALL	BEGIN S/C-32 COMMAND MORATORIUM					2T
454	157 19:00:00	32	45	AO	OPCH ACE	AOS DSS-45 PASS-9081 (D/L ONLY)					2DP
455	158 00:00:00	32				VGR-32 OWLT IS 09H 13M 17S					2L
456	158 00:40:00	32	45	LO	OPCH ACE	LOS DSS-45 PASS-9081					2DP
457	158 00:50:15	32	40	SET		10 DEGREE SET DSC-40					2V
458	158 08:35:00	32	45	AO	OPCH ACE	AOS DSS-45 PASS-9082 (D/L ONLY)					2DP
459	158 08:43:31	32	40	RISE		10 DEGREE RISE DSC-40					2V
460	158 11:33:17	32			AC7SSB	(3 -004) SS BIAS CONTROL - PITCH	AACS		20386:17:003F	02-158/02:19:59	2ECa
461	158 12:00:00	32				VGR-32 OWLT IS 09H 13M 18S					2L

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
462	158 12:10:54	32				B- GAIN.32			20387:04:001F	02-158/02:57:35	2TB
463	158 12:10:54	32				BEGIN GAIN32			20387:04:001F	02-158/02:57:35	2T
464	158 12:10:54	32				B- GYONAB.32			20387:04:001F	02-158/02:57:35	2TB
465	158 12:10:54	32				BEGIN GYONAB32			20387:04:001F	02-158/02:57:35	2T
466	158 12:10:54	32			AC7GYP	(000) DRIRU PATTERN CONTROL GYRO/AXIS=A/PITCH & YAW B/ROLL	AACS		20387:04:004F	02-158/02:57:35	2ECa
467	158 12:10:54	32			CC7GCRP	GYRO C OFF	PWR		20387:04:004F	02-158/02:57:35	2ECp
468	158 12:10:54	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: OFF CST : ON GRYO C: OFF	AACS	20387:04:004F	02-158/02:57:35	2ESa	
469	158 12:10:54	32			CC7GCRP	GYRO C OFF	PWR		20387:04:007F	02-158/02:57:36	2ECp
470	158 12:10:54	32			CC7PC	(372) GYRO C OFF	AACS		20387:04:009F	02-158/02:57:36	2ECa
471	158 12:10:54	32			CC7GBP	GYRO B ON	PWR		20387:04:009F	02-158/02:57:36	2ECp
472	158 12:10:54	32				AACS STATUS MODE : CRU GYRO A: OFF HYBIC: 2 GYRO B: ON CST : ON GRYO C: OFF	AACS	20387:04:009F	02-158/02:57:36	2ESa	
473	158 12:10:54	32			CC7GBP	GYRO B ON	PWR		20387:04:011F	02-158/02:57:36	2ECp
474	158 12:10:55	32			CC7PC	(363) GYRO B ON	AACS		20387:04:013F	02-158/02:57:36	2ECa
475	158 12:10:55	32			CC7GAP	GYRO A ON	PWR		20387:04:014F	02-158/02:57:36	2ECp
476	158 12:10:55	32				AACS STATUS MODE : CRU GYRO A: ON HYBIC: 2 GYRO B: ON CST : ON GRYO C: OFF	AACS	20387:04:014F	02-158/02:57:36	2ESa	

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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
477	158 12:10:55	32			CC7GAP	GYRO A ON	PWR		20387:04:016F	02-158/02:57:36	2ECp
478	158 12:10:55	32			CC7PC	(353) GYRO A ON	AACS		20387:04:018F	02-158/02:57:36	2ECa
479	158 12:11:23	32				DRIRU INITIALIZATION			20387:04:484F	02-158/02:58:04	2T
480	158 12:11:24	32			CC7GY	(3) DRIRU INITIALIZE [P/Y/R]	AACS		20387:04:501F	02-158/02:58:05	2ECa
481	158 12:11:53	32				SET CALIB			20387:05:184F	02-158/02:58:34	2T
482	158 12:11:54	32			AC7PAR	(7530 000001) PARAMETER LOAD	AACS		20387:05:203F	02-158/02:58:35	2ECa
483	158 12:20:53	32				START GYRO FAULT TEST			20387:16:384F	02-158/03:07:34	2T
484	158 12:20:54	32			CC7GY	(4) DRIRU FAULT TEST START	AACS		20387:16:401F	02-158/03:07:35	2ECa
485	158 12:20:55	32				END GYONAB32			20387:16:418F	02-158/03:07:36	2T
486	158 13:10:54	32				B- CCSTIMB			20388:19:001F	02-158/03:57:35	2TB
487	158 13:10:54	32				EXECUTE CCSTIMB FINE			20388:19:001F	02-158/03:57:35	2T
488	158 18:35:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9082					2DP
489	159 00:00:00	32				VGR-32 OWLT IS 09H 13M 18S					2L
490	159 00:46:18	32	40 SET			10 DEGREE SET DSC-40					2V
491	159 08:39:28	32	40RISE			10 DEGREE RISE DSC-40					2V
492	159 09:00:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9083 (D/L ONLY)					2DP
493	159 12:00:00	32				VGR-32 OWLT IS 09H 13M 18S					2L
494	159 17:44:15	32		ACE ALL		END S/C-32 COMMAND MORATORIUM					2T
495	159 19:00:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9083					2DP
496	160 00:00:00	32				VGR-32 OWLT IS 09H 13M 18S					2L
497	160 00:42:22	32	40 SET			10 DEGREE SET DSC-40					2V
498	160 08:25:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9084 (D/L ONLY)					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
519	162 13:13:56	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
520	162 13:13:56	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
521	162 13:17:20	32				BEGIN PWSREC			20508:27:001F	02-162/04:03:59	2T
522	162 13:17:20	32				B- DRGS4B			20508:27:001F	02-162/04:03:59	2TB
523	162 13:17:20	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		20508:27:009F	02-162/04:04:00	2ECf
524	162 13:18:04	32				BEGIN RECORDING PWS DATA			20508:27:734F	02-162/04:04:43	2T
525	162 13:18:04	32			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		20508:27:735F	02-162/04:04:43	2ECd
526	162 13:18:04	32				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:4 TIC:1156	DTR		20508:27:735F	02-162/04:04:43	2ESd
527	162 13:18:08	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	20508:28:001F	02-162/04:04:47	2ESf
528	162 13:18:08	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		20508:28:002F	02-162/04:04:47	2ECs
529	162 13:18:09	32				B- DRCRUS			20508:28:018F	02-162/04:04:48	2TB

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
530	162 13:18:09	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		20508:28:025F	02-162/04:04:49	2ECf
531	162 13:18:56	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	20508:29:001F	02-162/04:05:35	2ESf
532	162 13:18:56	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		20508:29:001F	02-162/04:05:35	2ECd
533	162 13:18:56	32				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:0865	DTR		20508:29:001F	02-162/04:05:35	2ESd
534	162 13:18:56	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		20508:29:002F	02-162/04:05:35	2ECs
535	162 13:18:57	32				END PWSREC			20508:29:018F	02-162/04:05:36	2T
536	162 14:26:56	32			AC7SSB	(3 -005) SS BIAS CONTROL - PITCH	AACS		20509:54:003F	02-162/05:13:35	2ECa
537	162 22:20:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9086					2DP
538	163 00:00:00	32				VGR-32 OWLT IS 09H 13M 20S					2L
539	163 00:30:31	32	40 SET			10 DEGREE SET DSC-40					2V
540	163 08:15:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9087 (D/L ONLY)					2DP
541	163 08:23:17	32	40RISE			10 DEGREE RISE DSC-40					2V
542	163 12:00:00	32				VGR-32 OWLT IS 09H 13M 20S					2L
543	163 20:15:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9087					2DP
544	164 00:00:00	32				VGR-32 OWLT IS 09H 13M 21S					2L
545	164 00:26:34	32	40 SET			10 DEGREE SET DSC-40					2V

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
565	165 13:11:47	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		20598:20:025F	02-165/03:58:25	2ECf
566	165 13:12:34	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	20598:21:001F	02-165/03:59:11	2ESf
567	165 13:12:34	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		20598:21:002F	02-165/03:59:11	2ECs
568	165 13:18:59	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR COMMANDED TURN D/L AGC VARIATIONS EXPECTED					22EC
569	165 13:20:59	32			AC7MDP	(6) AACS MODE: ALL AXIS INERTIAL	AACS		20598:31:419F	02-165/04:07:36	2ECa
570	165 13:20:59	32				AACS STATUS MODE : AAI GYRO A: ON HYBIC: 2 GYRO B: ON CST : ON GRYO C: OFF	AACS		20598:31:419F	02-165/04:07:36	2ESa
571	165 13:20:59	32			CC7GCRP	GYRO C OFF	PWR		20598:31:419F	02-165/04:07:36	2ECp
572	165 13:20:59	32			CC7GCRP	GYRO C OFF	PWR		20598:31:421F	02-165/04:07:36	2ECp
573	165 13:20:59	32			CC7PC	(372) GYRO C OFF	AACS		20598:31:423F	02-165/04:07:37	2ECa
574	165 13:20:59	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		20598:31:424F	02-165/04:07:37	2ECp
575	165 13:20:59	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		20598:31:426F	02-165/04:07:37	2ECp
576	165 13:20:59	32			CC7PC	(312) DUMMY PWR CMD	AACS		20598:31:428F	02-165/04:07:37	2ECa
577	165 13:23:59	32			AC7TCD	(322 033096) TURN COMMAND AXIS=ROLL POL=NEG RNG SCALE=X10	AACS		20598:35:219F	02-165/04:10:36	2ECa
578	165 17:48:58	32			SC32AJ	(10) PLS CONFIG CMD	FDS		20604:06:392F	02-165/08:35:35	2ECf

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
579	165 18:22:05	32			SC32AJ	(11) PLS CONFIG CMD	FDS		20604:47:708F	02-165/09:08:42	2ECf
580	165 18:55:14	32				ROLL TURN COMPLETE (NOMINAL)			20605:29:251F	02-165/09:41:50	2T
581	165 18:56:57	32			CC7PC	(345) CMDED TURN COMPLETE	AACS		20605:31:380F	02-165/09:43:34	2ECa
582	165 19:03:00	32			SC32AJ	(15) PLS CONFIG CMD	FDS		20605:39:025F	02-165/09:49:37	2ECf
583	165 19:12:00	32				RESET CALIB			20605:50:218F	02-165/09:58:36	2T
584	165 19:12:00	32			AC7PAR	(7530 000000) PARAMETER LOAD	AACS		20605:50:220F	02-165/09:58:36	2ECa
585	165 19:12:30	32			CC7SS	(1) SS SEARCH ENABLE	AACS		20605:50:718F	02-165/09:59:06	2ECa
586	165 19:12:30	32				AACS STATUS MODE : RAI GYRO A: ON HYBIC: 2 GYRO B: ON CST : ON GRYO C: OFF	AACS	20605:50:718F	02-165/09:59:06	2ESa	
587	165 19:12:30	32			CC7PC	(327) IDET ACQUIRED	AACS		20605:50:719F	02-165/09:59:06	2ECa
588	165 19:12:30	32			CC7GCRP	GYRO C OFF	PWR		20605:50:719F	02-165/09:59:06	2ECp
589	165 19:12:30	32			CC7GCRP	GYRO C OFF	PWR		20605:50:721F	02-165/09:59:07	2ECp
590	165 19:12:30	32			CC7PC	(372) GYRO C OFF	AACS		20605:50:724F	02-165/09:59:07	2ECa
591	165 19:12:30	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		20605:50:724F	02-165/09:59:07	2ECp
592	165 19:12:30	32			CC10CRP	TCM THRUSTER HEATERS OFF	PWR		20605:50:726F	02-165/09:59:07	2ECp
593	165 19:12:30	32			CC7PC	(312) DUMMY PWR CMD	AACS		20605:50:728F	02-165/09:59:07	2ECa
594	165 19:18:30	32			CC7CT	(07) CST FLYBACK AND SWEEP	AACS		20605:58:318F	02-165/10:05:06	2ECa
595	165 19:19:35	32				GYROS OFF			20605:59:601F	02-165/10:06:11	2T
596	165 19:19:35	32				AACS STATUS MODE : CRU GYRO A: ON HYBIC: 2 GYRO B: ON CST : ON GRYO C: OFF	AACS	20605:59:601F	02-165/10:06:11	2ESa	

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
613	165 19:26:47	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
614	165 19:28:00	32				B- YAWDB			20606:10:218F	02-165/10:14:36	2TB
615	165 19:28:00	32				YAWDB - .10			20606:10:218F	02-165/10:14:36	2T
616	165 19:28:00	32			AC7PAR	(6741 001700) +YAW DB=.10 DEG	AACS		20606:10:220F	02-165/10:14:36	2ECa
617	165 19:31:00	32				B- DRCRUS			20606:14:018F	02-165/10:17:36	2TB
618	165 19:31:00	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		20606:14:026F	02-165/10:17:37	2ECF
619	165 19:31:47	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	20606:15:001F	02-165/10:18:23	2ESF
620	165 19:31:47	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		20606:15:002F	02-165/10:18:23	2ECs
621	165 19:31:48	32				END MAGROLAB32			20606:15:018F	02-165/10:18:24	2T
622	165 20:55:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9089					2DP
623	166 00:00:00	32				VGR-32 OWLT IS 09H 13M 23S					2L
624	166 00:18:40	32	40 SET			10 DEGREE SET DSC-40					2V
625	166 08:11:08	32	40RISE			10 DEGREE RISE DSC-40					2V
626	166 08:35:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9090 (D/L ONLY)					2DP
627	166 12:00:00	32				VGR-32 OWLT IS 09H 13M 23S					2L
628	166 17:20:36	32			AC7SSB	(3 -006) SS BIAS CONTROL - PITCH	AACS		20633:31:003F	02-166/08:07:11	2ECa

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
629	166 17:51:48	32			AC7SSB	(4 +156) SS BIAS CONTROL --- YAW	AACS		20634:10:003F	02-166/08:38:23	2ECa
630	166 18:35:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9090					2DP
631	167 00:00:00	32				VGR-32 OWLT IS 09H 13M 24S					2L
632	167 00:14:43	32	40 SET			10 DEGREE SET DSC-40					2V
633	167 00:52:45	32		ACE ALL		END S/C-32 COMMAND MORATORIUM					2T
634	167 08:07:05	32	40RISE			10 DEGREE RISE DSC-40					2V
635	167 08:35:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9091 (D/L ONLY)					2DP
636	167 12:00:00	32				VGR-32 OWLT IS 09H 13M 25S					2L
637	167 18:35:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9091					2DP
638	168 00:00:00	32				VGR-32 OWLT IS 09H 13M 25S					2L
639	168 00:10:46	32	40 SET			10 DEGREE SET DSC-40					2V
640	168 08:03:02	32	40RISE			10 DEGREE RISE DSC-40					2V
641	168 08:30:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9092 (D/L ONLY)					2DP
642	168 12:00:00	32				VGR-32 OWLT IS 09H 13M 26S					2L
643	168 21:00:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9092					2DP
644	169 00:00:00	32				VGR-32 OWLT IS 09H 13M 27S					2L
645	169 00:06:48	32	40 SET			10 DEGREE SET DSC-40					2V
646	169 07:50:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9093 (D/L ONLY)					2DP
647	169 07:58:59	32	40RISE			10 DEGREE RISE DSC-40					2V
648	169 12:00:00	32				VGR-32 OWLT IS 09H 13M 28S					2L
649	169 12:49:16	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
661	169 12:54:17	32				B- DRCRUS			20717:58:018F	02-169/03:40:48	2TB
662	169 12:54:17	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		20717:58:025F	02-169/03:40:49	2ECf
663	169 12:55:04	32		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	20717:59:001F	02-169/03:41:35	2ESf
664	169 12:55:04	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		20717:59:001F	02-169/03:41:35	2ECd
665	169 12:55:04	32				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:0567	DTR		20717:59:001F	02-169/03:41:35	2ESd
666	169 12:55:04	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		20717:59:002F	02-169/03:41:35	2ECs
667	169 12:55:05	32				END PWSREC			20717:59:018F	02-169/03:41:36	2T
668	169 18:00:00	32	45	LO	OPCH ACE	LOS DSS-45 PASS-9093					2DP
669	170 00:00:00	32				VGR-32 OWLT IS 09H 13M 28S					2L
670	170 00:02:51	32	40	SET		10 DEGREE SET DSC-40					2V
671	170 07:54:56	32	40	RISE		10 DEGREE RISE DSC-40					2V
672	170 08:15:00	32	43	AO	OPCH ACE	AOS DSS-43 PASS-9094 (D/L ONLY)					2DP
673	170 12:00:00	32				VGR-32 OWLT IS 09H 13M 29S					2L
674	170 17:45:00	32	43	LO	OPCH ACE	LOS DSS-43 PASS-9094					2DP
675	170 20:14:18	32			AC7SSB	(3 -007) SS BIAS CONTROL - PITCH	AACS		20757:08:003F	02-170/11:00:47	2ECa
676	170 23:58:53	32	40	SET		10 DEGREE SET DSC-40					2V

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
677	171 00:00:00	32				VGR-32 OWLT IS 09H 13M 30S					2L
678	171 07:40:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9095 (D/L ONLY)					2DP
679	171 07:50:53	32	40RISE			10 DEGREE RISE DSC-40					2V
680	171 08:52:43	32			AC7SSB	(4 +157) SS BIAS CONTROL --- YAW	AACS		20772:56:003F	02-170/23:39:11	2ECa
681	171 12:00:00	32				VGR-32 OWLT IS 09H 13M 31S					2L
682	171 15:20:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9095					2DP
683	171 23:54:56	32	40 SET			10 DEGREE SET DSC-40					2V
684	172 00:00:00	32				VGR-32 OWLT IS 09H 13M 32S					2L
685	172 07:46:50	32	40RISE			10 DEGREE RISE DSC-40					2V
686	172 08:20:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9096 (D/L ONLY)					2DP
687	172 12:00:00	32				VGR-32 OWLT IS 09H 13M 33S					2L
688	172 22:00:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9096					2DP
689	172 23:50:58	32	40 SET			10 DEGREE SET DSC-40					2V
690	173 00:00:00	32				VGR-32 OWLT IS 09H 13M 34S					2L
691	173 07:35:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9097 (D/L ONLY)					2DP
692	173 07:42:47	32	40RISE			10 DEGREE RISE DSC-40					2V
693	173 12:00:00	32				VGR-32 OWLT IS 09H 13M 35S					2L
694	173 18:00:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9097					2DP
695	173 23:47:00	32	40 SET			10 DEGREE SET DSC-40					2V
696	174 00:00:00	32				VGR-32 OWLT IS 09H 13M 36S					2L
697	174 07:38:44	32	40RISE			10 DEGREE RISE DSC-40					2V
698	174 08:05:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9098 (D/L ONLY)					2DP
699	174 12:00:00	32				VGR-32 OWLT IS 09H 13M 37S					2L

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
700	174 18:05:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9098					2DP
701	174 23:08:02	32			AC7SSB	(3 -008) SS BIAS CONTROL - PITCH	AACS		20880:45:003F	02-174/13:54:23	2ECa
702	174 23:43:03	32	40 SET			10 DEGREE SET DSC-40					2V
703	175 00:00:00	32				VGR-32 OWLT IS 09H 13M 38S					2L
704	175 07:34:41	32	40RISE			10 DEGREE RISE DSC-40					2V
705	175 08:00:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9099 (D/L ONLY)					2DP
706	175 12:00:00	32				VGR-32 OWLT IS 09H 13M 39S					2L
707	175 18:00:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9099					2DP
708	175 23:39:05	32	40 SET			10 DEGREE SET DSC-40					2V
709	175 23:53:40	32			AC7SSB	(4 +158) SS BIAS CONTROL --- YAW	AACS		20911:42:002F	02-175/14:39:59	2ECa
710	176 00:00:00	32				VGR-32 OWLT IS 09H 13M 40S					2L
711	176 07:30:38	32	40RISE			10 DEGREE RISE DSC-40					2V
712	176 07:55:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9100 (D/L ONLY)					2DP
713	176 12:00:00	32				VGR-32 OWLT IS 09H 13M 42S					2L
714	176 12:25:30	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
715	176 12:25:30	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
716	176 12:26:18	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
717	176 12:26:18	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
718	176 12:29:42	32				BEGIN PWSREC			20927:27:001F	02-176/03:15:59	2T

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
719	176 12:29:42	32				B- DRGS4B			20927:27:001F	02-176/03:15:59	2TB
720	176 12:29:42	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		20927:27:009F	02-176/03:16:00	2ECf
721	176 12:30:26	32				BEGIN RECORDING PWS DATA			20927:27:734F	02-176/03:16:43	2T
722	176 12:30:26	32			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		20927:27:735F	02-176/03:16:43	2ECd
723	176 12:30:26	32				DTR STATUS MODE:REC RATE:115.2K DIR:R TRK:4 TIC:0560	DTR		20927:27:735F	02-176/03:16:43	2ESd
724	176 12:30:30	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	20927:28:001F	02-176/03:16:47	2ESf
725	176 12:30:30	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		20927:28:002F	02-176/03:16:47	2ECs
726	176 12:30:31	32				B- DRCRUS			20927:28:018F	02-176/03:16:48	2TB
727	176 12:30:31	32			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACS READOUT MODE : TELEMETRY	FDS		20927:28:025F	02-176/03:16:49	2ECf
728	176 12:31:18	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	20927:29:001F	02-176/03:17:35	2ESf
729	176 12:31:18	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		20927:29:001F	02-176/03:17:35	2ECd

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
730	176 12:31:18	32				DTR STATUS MODE:RDY RATE:000.0K DIR:R TRK:4 TIC:0269	DTR		20927:29:001F	02-176/03:17:35	2ESd
731	176 12:31:18	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		20927:29:002F	02-176/03:17:35	2ECs
732	176 12:31:19	32				END PWSREC			20927:29:018F	02-176/03:17:36	2T
733	176 12:41:42	32				B- DTRMA-2.32			20927:42:001F	02-176/03:27:59	2TB
734	176 12:41:42	32				BEGIN DTRMA232			20927:42:001F	02-176/03:27:59	2T
735	176 12:41:42	32			CC16C	(2217) DTR STATE SELECT: SLEW	DTR		20927:42:002F	02-176/03:27:59	2ECd
736	176 12:41:42	32				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:7 TIC:0262	DTR		20927:42:002F	02-176/03:27:59	2ESd
737	176 13:31:54	32		ACE	OPCH	>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESF
738	176 13:31:54	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
739	176 13:32:06	32				BEGIN PMPCALLR			20928:45:001F	02-176/04:18:23	2T
740	176 13:36:06	32				B- DRCR5T			20928:50:001F	02-176/04:22:23	2TB
741	176 13:36:06	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		20928:50:009F	02-176/04:22:24	2ECF

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
742	176 13:36:54	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	20928:51:001F	02-176/04:23:11	2ESf
743	176 13:36:54	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		20928:51:001F	02-176/04:23:11	2ECs
744	176 13:43:18	32			SC06BY	(7) FDS PLS/MAG/PESCAL FLAG PLSCAL ENABLED MAGCAL ENABLED PESCAL ENABLED	FDS		20928:59:009F	02-176/04:29:36	2ECf
745	176 13:44:06	32				BEGIN PLS/MAG/PESCAL			20929:00:001F	02-176/04:30:23	2T
746	176 15:17:46	32			EOT	END OF TAPE			20930:57:068F	02-176/06:04:03	2Ed
747	176 15:25:42	32			CC16C	(2228) DTR STATE SELECT: SLEW	DTR		20931:07:001F	02-176/06:11:59	2ECd
748	176 15:25:42	32				DTR STATUS MODE:SLEW RATE:007.2K DIR:R TRK:8 TIC:3633	DTR		20931:07:001F	02-176/06:11:59	2ESd
749	176 15:25:42	32			EOT	END OF TAPE			20931:07:010F	02-176/06:12:00	2Ed
750	176 15:26:30	32				END PLSCAL			20931:08:001F	02-176/06:12:47	2T
751	176 16:46:30	32				END MAGCAL			20932:48:001F	02-176/07:32:47	2T
752	176 16:59:54	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
753	176 16:59:54	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
754	176 17:04:06	32				END PESCAL			20933:10:001F	02-176/07:50:23	2T
755	176 17:04:06	32				B- DRCRUS			20933:10:001F	02-176/07:50:23	2TB

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
756	176 17:04:06	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		20933:10:010F	02-176/07:50:24	2ECf
757	176 17:04:54	32		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	20933:11:001F	02-176/07:51:11	2ESf
758	176 17:04:54	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		20933:11:002F	02-176/07:51:11	2ECs
759	176 17:04:55	32				END PMPCALLR			20933:11:018F	02-176/07:51:12	2T
760	176 18:04:39	32			BOT	BEGIN OF TAPE			20934:25:562F	02-176/08:50:57	2Ed
761	176 18:07:56	32				TAPE AT BOT			20934:29:634F	02-176/08:54:13	2T
762	176 18:07:56	32				END DTRMA232			20934:29:634F	02-176/08:54:13	2T
763	176 18:09:42	32				TAPPOS-0250			20934:32:001F	02-176/08:55:59	2T
764	176 18:09:42	32			CC16C	(2211) DTR STATE SELECT: SLEW	DTR		20934:32:002F	02-176/08:55:59	2ECd
765	176 18:09:42	32				DTR STATUS MODE:SLEW RATE:007.2K DIR:F TRK:1 TIC:0199	DTR		20934:32:002F	02-176/08:55:59	2ESd
766	176 18:09:42	32			BOT	BEGIN OF TAPE			20934:32:010F	02-176/08:56:00	2Ed
767	176 18:12:01	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		20934:34:724F	02-176/08:58:19	2ECd
768	176 18:12:01	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:1 TIC:0250	DTR		20934:34:724F	02-176/08:58:19	2ESd
769	176 18:45:00	32	34 LO	OPCH	ACE	LOS DSS-34 PASS-9100					2DP

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
770	176 20:57:42	32				FWD/TRK 5			20938:02:001F	02-176/11:43:59	2T
771	176 20:57:42	32			CC16C	(7015) DTR STATE SELECT: READY	DTR		20938:02:002F	02-176/11:43:59	2ECd
772	176 20:57:42	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:0250	DTR		20938:02:002F	02-176/11:43:59	2ESd
773	176 23:35:07	32	40	SET		10 DEGREE SET DSC-40					2V
774	177 00:00:00	32				VGR-32 OWLT IS 09H 13M 43S					2L
775	177 07:26:35	32	40	RISE		10 DEGREE RISE DSC-40					2V
776	177 09:25:00	32	43	AO	OPCH ACE	AOS DSS-43 PASS-9101 (D/L ONLY)					2DP
777	177 12:00:00	32				VGR-32 OWLT IS 09H 13M 44S					2L
778	177 17:30:00	32	43	LO	OPCH ACE	LOS DSS-43 PASS-9101					2DP
779	177 23:31:09	32	40	SET		10 DEGREE SET DSC-40					2V
780	178 00:00:00	32				VGR-32 OWLT IS 09H 13M 45S					2L
781	178 07:15:00	32	45	AO	OPCH ACE	AOS DSS-45 PASS-9102 (D/L ONLY)					2DP
782	178 07:22:32	32	40	RISE		10 DEGREE RISE DSC-40					2V
783	178 08:52:10	32			AC7SSB	(4 +159) SS BIAS CONTROL --- YAW	AACS		20982:55:003F	02-177/23:38:23	2ECa
784	178 12:00:00	32				VGR-32 OWLT IS 09H 13M 47S					2L
785	178 17:15:00	32	45	LO	OPCH ACE	LOS DSS-45 PASS-9102					2DP
786	178 23:27:11	32	40	SET		10 DEGREE SET DSC-40					2V
787	179 00:00:00	32				VGR-32 OWLT IS 09H 13M 48S					2L
788	179 02:01:48	32			AC7SSB	(3 -009) SS BIAS CONTROL - PITCH	AACS		21004:22:003F	02-178/16:47:59	2ECa
789	179 07:18:29	32	40	RISE		10 DEGREE RISE DSC-40					2V
790	179 11:40:00	32	34	AO	OPCH ACE	AOS DSS-34 PASS-9103 (D/L ONLY)					2DP

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
791	179 12:00:00	32				VGR-32 OWLT IS 09H 13M 49S					2L
792	179 22:55:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9103					2DP
793	179 23:23:13	32	40 SET			10 DEGREE SET DSC-40					2V
794	180 00:00:00	32				VGR-32 OWLT IS 09H 13M 51S					2L
795	180 07:05:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9104 (D/L ONLY)					2DP
796	180 07:14:26	32	40RISE			10 DEGREE RISE DSC-40					2V
797	180 12:00:00	32				VGR-32 OWLT IS 09H 13M 52S					2L
798	180 18:50:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9104					2DP
799	180 23:19:14	32	40 SET			10 DEGREE SET DSC-40					2V
800	181 00:00:00	32				VGR-32 OWLT IS 09H 13M 54S					2L
801	181 07:00:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9105 (D/L ONLY)					2DP
802	181 07:10:23	32	40RISE			10 DEGREE RISE DSC-40					2V
803	181 11:20:19	32			AC7SSB	(4 +160) SS BIAS CONTROL --- YAW	AACS		21076:00:003F	02-181/02:06:23	2ECa
804	181 12:00:00	32				VGR-32 OWLT IS 09H 13M 55S					2L
805	181 17:00:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9105					2DP
806	181 23:15:16	32	40 SET			10 DEGREE SET DSC-40					2V
807	182 00:00:00	32				VGR-32 OWLT IS 09H 13M 57S					2L
808	182 07:06:20	32	40RISE			10 DEGREE RISE DSC-40					2V
809	182 07:55:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9106 (D/L ONLY)					2DP
810	182 12:00:00	32				VGR-32 OWLT IS 09H 13M 58S					2L
811	182 21:45:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9106					2DP
812	182 23:11:18	32	40 SET			10 DEGREE SET DSC-40					2V
813	183 00:00:00	32				VGR-32 OWLT IS 09H 14M 00S					2L

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
814	183 04:55:37	32			AC7SSB	(3 -010) SS BIAS CONTROL - PITCH	AACS		21127:59:003F	02-182/19:41:35	2ECa
815	183 07:02:17	32	40RISE			10 DEGREE RISE DSC-40					2V
816	183 09:30:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9107 (D/L ONLY)					2DP
817	183 12:00:00	32				VGR-32 OWLT IS 09H 14M 02S					2L
818	183 12:01:50	32		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
819	183 12:01:50	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
820	183 12:02:38	32		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
821	183 12:02:38	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
822	183 12:06:02	32				BEGIN PWSREC			21136:57:001F	02-183/02:51:59	2T
823	183 12:06:02	32				B- DRGS4B			21136:57:001F	02-183/02:51:59	2TB
824	183 12:06:02	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		21136:57:010F	02-183/02:52:00	2ECf
825	183 12:06:46	32				BEGIN RECORDING PWS DATA			21136:57:734F	02-183/02:52:43	2T
826	183 12:06:46	32			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		21136:57:735F	02-183/02:52:43	2ECd
827	183 12:06:46	32				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:0250	DTR		21136:57:735F	02-183/02:52:43	2ESd

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
828	183 12:06:50	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	21136:58:001F	02-183/02:52:47	2ESf
829	183 12:06:50	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		21136:58:002F	02-183/02:52:47	2ECs
830	183 12:06:51	32				B- DRCRUS			21136:58:018F	02-183/02:52:48	2TB
831	183 12:06:51	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		21136:58:025F	02-183/02:52:49	2ECf
832	183 12:07:38	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	21136:59:001F	02-183/02:53:35	2ESf
833	183 12:07:38	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		21136:59:001F	02-183/02:53:35	2ECd
834	183 12:07:38	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:0541	DTR		21136:59:001F	02-183/02:53:35	2ESd
835	183 12:07:38	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		21136:59:002F	02-183/02:53:35	2ECs
836	183 12:07:39	32				END PWSREC			21136:59:018F	02-183/02:53:36	2T
837	183 14:50:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9107					2DP
838	183 23:07:20	32	40 SET			10 DEGREE SET DSC-40					2V

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
839	184 00:00:00	32				VGR-32 OWLT IS 09H 14M 03S					2L
840	184 06:58:14	32	40RISE			10 DEGREE RISE DSC-40					2V
841	184 08:05:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9108 (D/L ONLY)					2DP
842	184 12:00:00	32				VGR-32 OWLT IS 09H 14M 05S					2L
843	184 13:48:29	32			AC7SSB	(4 +161) SS BIAS CONTROL --- YAW	AACS		21169:05:003F	02-184/04:34:23	2ECa
844	184 21:45:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9108					2DP
845	184 23:03:21	32	40 SET			10 DEGREE SET DSC-40					2V
846	185 00:00:00	32				VGR-32 OWLT IS 09H 14M 07S					2L
847	185 06:54:11	32	40RISE			10 DEGREE RISE DSC-40					2V
848	185 09:15:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9109 (D/L ONLY)					2DP
849	185 12:00:00	32				VGR-32 OWLT IS 09H 14M 08S					2L
850	185 22:30:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9109					2DP
851	185 22:59:23	32	40 SET			10 DEGREE SET DSC-40					2V
852	186 00:00:00	32				VGR-32 OWLT IS 09H 14M 10S					2L
853	186 06:50:08	32	40RISE			10 DEGREE RISE DSC-40					2V
854	186 09:15:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9110 (D/L ONLY)					2DP
855	186 12:00:00	32				VGR-32 OWLT IS 09H 14M 12S					2L
856	186 19:15:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9110					2DP
857	186 22:55:24	32	40 SET			10 DEGREE SET DSC-40					2V
858	187 00:00:00	32				VGR-32 OWLT IS 09H 14M 14S					2L
859	187 06:46:05	32	40RISE			10 DEGREE RISE DSC-40					2V
860	187 07:49:27	32			AC7SSB	(3 -011) SS BIAS CONTROL - PITCH	AACS		21251:36:003F	02-186/22:35:11	2ECa
861	187 09:15:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9111 (D/L ONLY)					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
862	187 12:00:00	32				VGR-32 OWLT IS 09H 14M 16S					2L
863	187 16:16:40	32			AC7SSB	(4 +162) SS BIAS CONTROL --- YAW	AACS		21262:10:003F	02-187/07:02:23	2ECa
864	187 19:15:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9111					2DP
865	187 22:51:25	32	40 SET			10 DEGREE SET DSC-40					2V
866	188 00:00:00	32				VGR-32 OWLT IS 09H 14M 18S					2L
867	188 06:42:02	32	40RISE			10 DEGREE RISE DSC-40					2V
868	188 10:10:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9112 (D/L ONLY)					2DP
869	188 12:00:00	32				VGR-32 OWLT IS 09H 14M 20S					2L
870	188 20:10:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9112					2DP
871	188 22:47:27	32	40 SET			10 DEGREE SET DSC-40					2V
872	189 00:00:00	32				VGR-32 OWLT IS 09H 14M 22S					2L
873	189 06:38:00	32	40RISE			10 DEGREE RISE DSC-40					2V
874	189 07:45:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9113 (D/L ONLY)					2DP
875	189 12:00:00	32				VGR-32 OWLT IS 09H 14M 24S					2L
876	189 17:45:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9113					2DP
877	189 22:43:28	32	40 SET			10 DEGREE SET DSC-40					2V
878	190 00:00:00	32				VGR-32 OWLT IS 09H 14M 26S					2L
879	190 06:33:57	32	40RISE			10 DEGREE RISE DSC-40					2V
880	190 07:00:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9114 (D/L ONLY)					2DP
881	190 11:38:16	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
882	190 11:38:16	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

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
894	190 11:43:17	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		21346:28:025F	02-190/02:28:49	2ECf
895	190 11:44:04	32		ACE	OPCH	FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	21346:29:001F	02-190/02:29:35	2ESf
896	190 11:44:04	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		21346:29:001F	02-190/02:29:35	2ECd
897	190 11:44:04	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:0838	DTR		21346:29:001F	02-190/02:29:35	2ESd
898	190 11:44:04	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		21346:29:002F	02-190/02:29:35	2ECs
899	190 11:44:05	32				END PWSREC			21346:29:018F	02-190/02:29:36	2T
900	190 12:00:00	32				VGR-32 OWLT IS 09H 14M 28S					2L
901	190 18:44:53	32			AC7SSB	(4 +163) SS BIAS CONTROL --- YAW	AACS		21355:15:003F	02-190/09:30:23	2ECa
902	190 22:10:00	32	34	LO	OPCH ACE	LOS DSS-34 PASS-9114					2DP
903	190 22:39:29	32	40	SET		10 DEGREE SET DSC-40					2V
904	191 00:00:00	32				VGR-32 OWLT IS 09H 14M 30S					2L
905	191 06:29:54	32	40	RISE		10 DEGREE RISE DSC-40					2V
906	191 08:00:00	32	43	AO	OPCH ACE	AOS DSS-43 PASS-9115 (D/L ONLY)					2DP
907	191 10:43:20	32			AC7SSB	(3 -012) SS BIAS CONTROL - PITCH	AACS		21375:13:003F	02-191/01:28:47	2ECa
908	191 12:00:00	32				VGR-32 OWLT IS 09H 14M 32S					2L
909	191 17:30:00	32	43	LO	OPCH ACE	LOS DSS-43 PASS-9115					2DP

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
910	191 22:35:30	32	40	SET		10 DEGREE SET DSC-40					2V
911	192 00:00:00	32				VGR-32 OWLT IS 09H 14M 34S					2L
912	192 06:25:51	32	40	RISE		10 DEGREE RISE DSC-40					2V
913	192 07:45:00	32	43	AO	OPCH ACE	AOS DSS-43 PASS-9116 (D/L ONLY)					2DP
914	192 12:00:00	32				VGR-32 OWLT IS 09H 14M 36S					2L
915	192 17:45:00	32	43	LO	OPCH ACE	LOS DSS-43 PASS-9116					2DP
916	192 22:31:32	32	40	SET		10 DEGREE SET DSC-40					2V
917	193 00:00:00	32				VGR-32 OWLT IS 09H 14M 39S					2L
918	193 06:21:49	32	40	RISE		10 DEGREE RISE DSC-40					2V
919	193 06:45:00	32	34	AO	OPCH ACE	AOS DSS-34 PASS-9117 (D/L ONLY)					2DP
920	193 12:00:00	32				VGR-32 OWLT IS 09H 14M 41S					2L
921	193 16:45:00	32	34	LO	OPCH ACE	LOS DSS-34 PASS-9117					2DP
922	193 21:13:07	32			AC7SSB	(4 +164) SS BIAS CONTROL --- YAW	AACS		21448:20:003F	02-193/11:58:23	2ECa
923	193 22:27:33	32	40	SET		10 DEGREE SET DSC-40					2V
924	194 00:00:00	32				VGR-32 OWLT IS 09H 14M 43S					2L
925	194 06:17:46	32	40	RISE		10 DEGREE RISE DSC-40					2V
926	194 07:20:00	32	43	AO	OPCH ACE	AOS DSS-43 PASS-9118 (D/L ONLY)					2DP
927	194 12:00:00	32				VGR-32 OWLT IS 09H 14M 46S					2L
928	194 18:45:00	32	43	LO	OPCH ACE	LOS DSS-43 PASS-9118					2DP
929	194 22:23:34	32	40	SET		10 DEGREE SET DSC-40					2V
930	195 00:00:00	32				VGR-32 OWLT IS 09H 14M 48S					2L
931	195 06:13:43	32	40	RISE		10 DEGREE RISE DSC-40					2V
932	195 06:40:00	32	34	AO	OPCH ACE	AOS DSS-34 PASS-9119 (D/L ONLY)					2DP

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
933	195 12:00:00	32				VGR-32 OWLT IS 09H 14M 50S					2L
934	195 13:37:15	32			AC7SSB	(3 -013) SS BIAS CONTROL - PITCH	AACS		21498:50:002F	02-195/04:22:23	2ECa
935	195 19:40:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9119					2DP
936	195 22:19:35	32	40 SET			10 DEGREE SET DSC-40					2V
937	196 00:00:00	32				VGR-32 OWLT IS 09H 14M 53S					2L
938	196 06:09:41	32	40RISE			10 DEGREE RISE DSC-40					2V
939	196 07:30:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9120 (D/L ONLY)					2DP
940	196 12:00:00	32				VGR-32 OWLT IS 09H 14M 55S					2L
941	196 15:15:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9120 (D/L ONLY)					2DP
942	196 15:30:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9120					2DP
943	196 21:45:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9120					2DP
944	196 22:15:36	32	40 SET			10 DEGREE SET DSC-40					2V
945	196 23:41:22	32			AC7SSB	(4 +165) SS BIAS CONTROL --- YAW	AACS		21541:25:003F	02-196/14:26:23	2ECa
946	197 00:00:00	32				VGR-32 OWLT IS 09H 14M 58S					2L
947	197 06:05:38	32	40RISE			10 DEGREE RISE DSC-40					2V
948	197 06:45:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9121 (D/L ONLY)					2DP
949	197 11:14:48	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
950	197 11:14:48	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
951	197 11:15:36	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
963	197 11:20:36	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	21555:59:001F	02-197/02:05:35	2ESf
964	197 11:20:36	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		21555:59:001F	02-197/02:05:35	2ECd
965	197 11:20:36	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:1136	DTR		21555:59:001F	02-197/02:05:35	2ESd
966	197 11:20:36	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		21555:59:002F	02-197/02:05:35	2ECs
967	197 11:20:37	32				END PWSREC			21555:59:018F	02-197/02:05:36	2T
968	197 12:00:00	32				VGR-32 OWLT IS 09H 15M 00S					2L
969	197 12:40:00	32	34	AO	OPCH ACE	AOS DSS-34 PASS-9121 (D/L ONLY)					2DP
970	197 13:00:00	32	43	LO	OPCH ACE	LOS DSS-43 PASS-9121					2DP
971	197 21:40:00	32	34	LO	OPCH ACE	LOS DSS-34 PASS-9121					2DP
972	197 22:11:36	32	40	SET		10 DEGREE SET DSC-40					2V
973	198 00:00:00	32				VGR-32 OWLT IS 09H 15M 03S					2L
974	198 06:01:36	32	40	RISE		10 DEGREE RISE DSC-40					2V
975	198 07:15:00	32	34	AO	OPCH ACE	AOS DSS-34 PASS-9122 (D/L ONLY)					2DP
976	198 12:00:00	32				VGR-32 OWLT IS 09H 15M 05S					2L
977	198 21:40:00	32	34	LO	OPCH ACE	LOS DSS-34 PASS-9122					2DP
978	198 22:07:37	32	40	SET		10 DEGREE SET DSC-40					2V
979	199 00:00:00	32				VGR-32 OWLT IS 09H 15M 08S					2L
980	199 05:57:33	32	40	RISE		10 DEGREE RISE DSC-40					2V

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
981	199 06:30:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9123 (D/L ONLY)					2DP
982	199 12:00:00	32				VGR-32 OWLT IS 09H 15M 11S					2L
983	199 21:20:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9123					2DP
984	199 22:03:38	32	40 SET			10 DEGREE SET DSC-40					2V
985	200 00:00:00	32				VGR-32 OWLT IS 09H 15M 13S					2L
986	200 02:09:38	32			AC7SSB	(4 +166) SS BIAS CONTROL --- YAW	AACS		21634:30:003F	02-199/16:54:23	2ECa
987	200 05:30:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9124 (D/L ONLY)					2DP
988	200 05:53:31	32	40RISE			10 DEGREE RISE DSC-40					2V
989	200 06:18:27	32			AC7SSB	(3 -014) SS BIAS CONTROL - PITCH	AACS		21639:41:003F	02-199/21:03:11	2ECa
990	200 09:05:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9124 (D/L ONLY)					2DP
991	200 09:25:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9124					2DP
992	200 12:00:00	32				VGR-32 OWLT IS 09H 15M 16S					2L
993	200 20:55:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9124					2DP
994	200 21:59:39	32	40 SET			10 DEGREE SET DSC-40					2V
995	201 00:00:00	32				VGR-32 OWLT IS 09H 15M 19S					2L
996	201 05:49:29	32	40RISE			10 DEGREE RISE DSC-40					2V
997	201 07:35:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9125 (D/L ONLY)					2DP
998	201 12:00:00	32				VGR-32 OWLT IS 09H 15M 22S					2L
999	201 13:00:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9125 (D/L ONLY)					2DP
1000	201 13:20:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9125					2DP
1001	201 21:25:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9125					2DP
1002	201 21:55:40	32	40 SET			10 DEGREE SET DSC-40					2V
1003	202 00:00:00	32				VGR-32 OWLT IS 09H 15M 25S					2L

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1004	202 05:45:27	32	40RISE			10 DEGREE RISE DSC-40					2V
1005	202 06:10:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9126 (D/L ONLY)					2DP
1006	202 12:00:00	32				VGR-32 OWLT IS 09H 15M 27S					2L
1007	202 14:45:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9126					2DP
1008	202 18:00:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9126 (D/L ONLY)					2DP
1009	202 21:25:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9126					2DP
1010	202 21:51:40	32	40 SET			10 DEGREE SET DSC-40					2V
1011	203 00:00:00	32				VGR-32 OWLT IS 09H 15M 30S					2L
1012	203 04:37:55	32			AC7SSB	(4 +167) SS BIAS CONTROL --- YAW	AACS		21727:35:003F	02-202/19:22:23	2ECa
1013	203 05:30:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9127 (D/L ONLY)					2DP
1014	203 05:41:24	32	40RISE			10 DEGREE RISE DSC-40					2V
1015	203 07:50:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9127 (D/L ONLY)					2DP
1016	203 08:10:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9127					2DP
1017	203 12:00:00	32				VGR-32 OWLT IS 09H 15M 33S					2L
1018	203 21:45:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9127					2DP
1019	203 21:47:41	32	40 SET			10 DEGREE SET DSC-40					2V
1020	204 00:00:00	32				VGR-32 OWLT IS 09H 15M 36S					2L
1021	204 05:37:22	32	40RISE			10 DEGREE RISE DSC-40					2V
1022	204 06:45:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9128 (D/L ONLY)					2DP
1023	204 10:51:27	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
1024	204 10:51:27	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

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1025	204 10:52:15	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
1026	204 10:52:15	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
1027	204 10:55:39	32				BEGIN PWSREC			21765:27:001F	02-204/01:39:59	2T
1028	204 10:55:39	32				B- DRGS4B			21765:27:001F	02-204/01:39:59	2TB
1029	204 10:55:39	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			21765:27:009F	02-204/01:40:00	2ECf
1030	204 10:56:23	32				BEGIN RECORDING PWS DATA			21765:27:734F	02-204/01:40:43	2T
1031	204 10:56:23	32			CC16C	(3000) DTR STATE SELECT:115.2REC DTR			21765:27:735F	02-204/01:40:43	2ECd
1032	204 10:56:23	32				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:1144 DTR			21765:27:735F	02-204/01:40:43	2ESd
1033	204 10:56:27	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	21765:28:001F	02-204/01:40:47	2ESf
1034	204 10:56:27	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			21765:28:002F	02-204/01:40:47	2ECs
1035	204 10:56:28	32				B- DRCRUS			21765:28:018F	02-204/01:40:48	2TB

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1036	204 10:56:28	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		21765:28:025F	02-204/01:40:49	2ECf
1037	204 10:57:15	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	21765:29:001F	02-204/01:41:35	2ESf
1038	204 10:57:15	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		21765:29:001F	02-204/01:41:35	2ECd
1039	204 10:57:15	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:1434	DTR		21765:29:001F	02-204/01:41:35	2ESd
1040	204 10:57:15	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		21765:29:002F	02-204/01:41:35	2ECs
1041	204 10:57:16	32				END PWSREC			21765:29:018F	02-204/01:41:36	2T
1042	204 11:57:51	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
1043	204 11:57:51	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
1044	204 11:58:03	32				BEGIN PMPCALLR			21766:45:001F	02-204/02:42:23	2T
1045	204 12:00:00	32				VGR-32 OWLT IS 09H 15M 39S					2L
1046	204 12:02:03	32				B- DRCR5T			21766:50:001F	02-204/02:46:23	2TB
1047	204 12:02:03	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		21766:50:009F	02-204/02:46:24	2ECf

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1048	204 12:02:51	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	21766:51:001F	02-204/02:47:11	2ESf
1049	204 12:02:51	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		21766:51:001F	02-204/02:47:11	2ECs
1050	204 12:09:15	32			SC06BY	(7) FDS PLS/MAG/PESCAL FLAG PLSCAL ENABLED MAGCAL ENABLED PESCAL ENABLED	FDS		21766:59:009F	02-204/02:53:36	2ECf
1051	204 12:10:03	32				BEGIN PLS/MAG/PESCAL			21767:00:001F	02-204/02:54:23	2T
1052	204 13:52:28	32				END PLSCAL			21769:08:001F	02-204/04:36:47	2T
1053	204 15:12:28	32				END MAGCAL			21770:48:001F	02-204/05:56:47	2T
1054	204 15:25:52	32		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
1055	204 15:25:52	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
1056	204 15:30:04	32				END PESCAL			21771:10:001F	02-204/06:14:23	2T
1057	204 15:30:04	32				B- DRCRUS			21771:10:001F	02-204/06:14:23	2TB
1058	204 15:30:04	32			SC06BB	(53 0 07 0) FDS MODE TO: PLS INTEGRATION MODE: N/A PPS SAFING COMMAND : N/A ENGINEERING FORMAT : CRUISE AACCS READOUT MODE : TELEMETRY	FDS		21771:10:010F	02-204/06:14:24	2ECf
1059	204 15:30:52	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	21771:11:001F	02-204/06:15:11	2ESf

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1060	204 15:30:52	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		21771:11:002F	02-204/06:15:11	2ECs
1061	204 15:30:53	32				END PMPCALLR			21771:11:018F	02-204/06:15:12	2T
1062	204 17:55:00	32	34	AO	OPCH ACE	AOS DSS-34 PASS-9128 (D/L ONLY)					2DP
1063	204 18:15:00	32	43	LO	OPCH ACE	LOS DSS-43 PASS-9128					2DP
1064	204 21:43:41	32	40	SET		10 DEGREE SET DSC-40					2V
1065	204 22:35:00	32	34	LO	OPCH ACE	LOS DSS-34 PASS-9128					2DP
1066	205 00:00:00	32				VGR-32 OWLT IS 09H 15M 42S					2L
1067	205 05:25:00	32	45	AO	OPCH ACE	AOS DSS-45 PASS-9129 (D/L ONLY)					2DP
1068	205 05:33:20	32	40RISE			10 DEGREE RISE DSC-40					2V
1069	205 07:05:00	32	43	AO	OPCH ACE	AOS DSS-43 PASS-9129 (D/L ONLY)					2DP
1070	205 07:25:00	32	45	LO	OPCH ACE	LOS DSS-45 PASS-9129					2DP
1071	205 12:00:00	32				VGR-32 OWLT IS 09H 15M 45S					2L
1072	205 18:15:00	32	43	LO	OPCH ACE	LOS DSS-43 PASS-9129					2DP
1073	205 21:39:42	32	40	SET		10 DEGREE SET DSC-40					2V
1074	206 00:00:00	32				VGR-32 OWLT IS 09H 15M 48S					2L
1075	206 05:29:18	32	40RISE			10 DEGREE RISE DSC-40					2V
1076	206 06:30:00	32	45	AO	OPCH ACE	AOS DSS-45 PASS-9130 (D/L ONLY)					2DP
1077	206 07:06:14	32			AC7SSB	(4 +168) SS BIAS CONTROL --- YAW	AACS		21820:40:003F	02-205/21:50:23	2ECa
1078	206 12:00:00	32				VGR-32 OWLT IS 09H 15M 51S					2L
1079	206 14:35:00	32	43	AO	OPCH ACE	AOS DSS-43 PASS-9130 (D/L ONLY)					2DP
1080	206 14:50:00	32	45	LO	OPCH ACE	LOS DSS-45 PASS-9130					2DP
1081	206 21:10:00	32	43	LO	OPCH ACE	LOS DSS-43 PASS-9130					2DP

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1082	206 21:35:43	32	40	SET		10 DEGREE SET DSC-40					2V
1083	207 00:00:00	32				VGR-32 OWLT IS 09H 15M 54S					2L
1084	207 05:25:16	32	40	RISE		10 DEGREE RISE DSC-40					2V
1085	207 07:30:00	32	45	AO	OPCH ACE	AOS DSS-45 PASS-9131 (D/L ONLY)					2DP
1086	207 12:00:00	32				VGR-32 OWLT IS 09H 15M 58S					2L
1087	207 14:40:00	32	43	AO	OPCH ACE	AOS DSS-43 PASS-9131 (D/L ONLY)					2DP
1088	207 14:50:00	32	45	LO	OPCH ACE	LOS DSS-45 PASS-9131					2DP
1089	207 21:05:00	32	43	LO	OPCH ACE	LOS DSS-43 PASS-9131					2DP
1090	207 21:12:00	32			AC7SSB	(3 -015) SS BIAS CONTROL - PITCH	AACS		21868:17:003F	02-207/11:55:59	2ECa
1091	207 21:31:43	32	40	SET		10 DEGREE SET DSC-40					2V
1092	208 00:00:00	32				VGR-32 OWLT IS 09H 16M 01S					2L
1093	208 05:21:14	32	40	RISE		10 DEGREE RISE DSC-40					2V
1094	208 07:30:00	32	45	AO	OPCH ACE	AOS DSS-45 PASS-9132 (D/L ONLY)					2DP
1095	208 12:00:00	32				VGR-32 OWLT IS 09H 16M 04S					2L
1096	208 21:25:00	32	45	LO	OPCH ACE	LOS DSS-45 PASS-9132					2DP
1097	208 21:27:44	32	40	SET		10 DEGREE SET DSC-40					2V
1098	209 00:00:00	32				VGR-32 OWLT IS 09H 16M 07S					2L
1099	209 05:17:12	32	40	RISE		10 DEGREE RISE DSC-40					2V
1100	209 07:30:00	32	45	AO	OPCH ACE	AOS DSS-45 PASS-9133 (D/L ONLY)					2DP
1101	209 09:34:34	32			AC7SSB	(4 +169) SS BIAS CONTROL --- YAW	AACS		21913:45:003F	02-209/00:18:23	2ECa
1102	209 12:00:00	32				VGR-32 OWLT IS 09H 16M 10S					2L
1103	209 20:45:00	32	45	LO	OPCH ACE	LOS DSS-45 PASS-9133					2DP
1104	209 21:23:44	32	40	SET		10 DEGREE SET DSC-40					2V

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1105	210 00:00:00	32				VGR-32 OWLT IS 09H 16M 14S					2L
1106	210 05:10:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9134 (D/L ONLY)					2DP
1107	210 05:13:10	32	40RISE			10 DEGREE RISE DSC-40					2V
1108	210 10:15:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9134 (D/L ONLY)					2DP
1109	210 10:30:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9134					2DP
1110	210 12:00:00	32				VGR-32 OWLT IS 09H 16M 17S					2L
1111	210 21:19:45	32	40 SET			10 DEGREE SET DSC-40					2V
1112	210 21:35:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9134					2DP
1113	211 00:00:00	32				VGR-32 OWLT IS 09H 16M 20S					2L
1114	211 05:09:09	32	40RISE			10 DEGREE RISE DSC-40					2V
1115	211 06:45:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9135 (D/L ONLY)					2DP
1116	211 10:28:11	32		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
1117	211 10:28:11	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
1118	211 10:28:59	32		ACE OPCH		>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
1119	211 10:28:59	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
1120	211 10:32:23	32				BEGIN PWSREC			21974:57:001F	02-211/01:15:59	2T
1121	211 10:32:23	32				B- DRGS4B			21974:57:001F	02-211/01:15:59	2TB

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1122	211 10:32:23	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		21974:57:009F	02-211/01:16:00	2ECf
1123	211 10:33:07	32				BEGIN RECORDING PWS DATA			21974:57:734F	02-211/01:16:43	2T
1124	211 10:33:07	32			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		21974:57:735F	02-211/01:16:43	2ECd
1125	211 10:33:07	32				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:1442	DTR		21974:57:735F	02-211/01:16:43	2ESd
1126	211 10:33:11	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	21974:58:001F	02-211/01:16:47	2ESf
1127	211 10:33:11	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		21974:58:002F	02-211/01:16:47	2ECs
1128	211 10:33:12	32				B- DRCRUS			21974:58:018F	02-211/01:16:48	2TB
1129	211 10:33:12	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		21974:58:025F	02-211/01:16:49	2ECf
1130	211 10:33:59	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	21974:59:001F	02-211/01:17:35	2ESf
1131	211 10:33:59	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		21974:59:001F	02-211/01:17:35	2ECd

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT 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	211 10:33:59	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:1732	DTR		21974:59:001F	02-211/01:17:35	2ESd
1133	211 10:33:59	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		21974:59:002F	02-211/01:17:35	2ECs
1134	211 10:34:00	32				END PWSREC			21974:59:018F	02-211/01:17:36	2T
1135	211 10:45:00	32	43	LO	OPCH ACE	LOS DSS-43 PASS-9135					2DP
1136	211 12:00:00	32				VGR-32 OWLT IS 09H 16M 24S					2L
1137	211 14:00:00	32	43	AO	OPCH ACE	AOS DSS-43 PASS-9135 (D/L ONLY)					2DP
1138	211 21:00:00	32	43	LO	OPCH ACE	LOS DSS-43 PASS-9135					2DP
1139	211 21:15:45	32	40	SET		10 DEGREE SET DSC-40					2V
1140	212 00:00:00	32				VGR-32 OWLT IS 09H 16M 27S					2L
1141	212 05:00:00	32	45	AO	OPCH ACE	AOS DSS-45 PASS-9136 (D/L ONLY)					2DP
1142	212 05:05:07	32	40	RISE		10 DEGREE RISE DSC-40					2V
1143	212 12:00:00	32				VGR-32 OWLT IS 09H 16M 31S					2L
1144	212 12:02:55	32			AC7SSB	(4 +170) SS BIAS CONTROL --- YAW	AACS		22006:50:003F	02-212/02:46:23	2ECa
1145	212 20:55:00	32	45	LO	OPCH ACE	LOS DSS-45 PASS-9136					2DP
1146	212 21:11:45	32	40	SET		10 DEGREE SET DSC-40					2V
1147	213 00:00:00	32				VGR-32 OWLT IS 09H 16M 34S					2L
1148	213 05:01:05	32	40	RISE		10 DEGREE RISE DSC-40					2V
1149	213 07:45:00	32	43	AO	OPCH ACE	AOS DSS-43 PASS-9137 (D/L ONLY)					2DP
1150	213 12:00:00	32				VGR-32 OWLT IS 09H 16M 38S					2L
1151	213 20:10:00	32	43	LO	OPCH ACE	LOS DSS-43 PASS-9137					2DP

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1152	213 21:07:46	32	40	SET		10 DEGREE SET DSC-40					2V
1153	214 00:00:00	32				VGR-32 OWLT IS 09H 16M 41S					2L
1154	214 04:45:00	32	45	AO	OPCH ACE	AOS DSS-45 PASS-9138 (D/L ONLY)					2DP
1155	214 04:57:04	32	40	RISE		10 DEGREE RISE DSC-40					2V
1156	214 12:00:00	32				VGR-32 OWLT IS 09H 16M 45S					2L
1157	214 20:50:00	32	45	LO	OPCH ACE	LOS DSS-45 PASS-9138					2DP
1158	214 21:03:46	32	40	SET		10 DEGREE SET DSC-40					2V
1159	215 00:00:00	32				VGR-32 OWLT IS 09H 16M 49S					2L
1160	215 04:53:02	32	40	RISE		10 DEGREE RISE DSC-40					2V
1161	215 07:30:00	32	43	AO	OPCH ACE	AOS DSS-43 PASS-9139 (D/L ONLY)					2DP
1162	215 12:00:00	32				VGR-32 OWLT IS 09H 16M 52S					2L
1163	215 12:05:40	32			AC7SSB	(3 -016) SS BIAS CONTROL - PITCH	AACS		22096:53:003F	02-215/02:48:47	2ECa
1164	215 14:31:17	32			AC7SSB	(4 +171) SS BIAS CONTROL --- YAW	AACS		22099:55:003F	02-215/05:14:23	2ECa
1165	215 20:50:00	32	43	LO	OPCH ACE	LOS DSS-43 PASS-9139					2DP
1166	215 20:59:46	32	40	SET		10 DEGREE SET DSC-40					2V
1167	216 00:00:00	32				VGR-32 OWLT IS 09H 16M 56S					2L
1168	216 04:40:00	32	45	AO	OPCH ACE	AOS DSS-45 PASS-9140 (D/L ONLY)					2DP
1169	216 04:49:01	32	40	RISE		10 DEGREE RISE DSC-40					2V
1170	216 12:00:00	32				VGR-32 OWLT IS 09H 17M 00S					2L
1171	216 13:00:00	32	45	LO	OPCH ACE	LOS DSS-45 PASS-9140					2DP
1172	216 20:55:47	32	40	SET		10 DEGREE SET DSC-40					2V
1173	217 00:00:00	32				VGR-32 OWLT IS 09H 17M 03S					2L
1174	217 04:45:00	32	40	RISE		10 DEGREE RISE DSC-40					2V

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1175	217 06:30:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9141 (D/L ONLY)					2DP
1176	217 09:02:06	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
1177	217 09:07:06	32					DTR		22153:09:405F	02-216/23:50:00	2ESd
						DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:1740					
1178	217 09:07:06	32		ACE OPCH			FDS	CR-5T	22153:09:405F	02-216/23:50:00	2ESf
						FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11					
1179	217 09:17:07	32				B117 UPLINK WINDOW OPEN			22153:22:018F	02-217/00:00:00	2T
1180	217 12:00:00	32				VGR-32 OWLT IS 09H 17M 07S					2L
1181	217 16:10:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9141					2DP
1182	217 20:51:47	32	40 SET			10 DEGREE SET DSC-40					2V
1183	218 00:00:00	32				VGR-32 OWLT IS 09H 17M 11S					2L
1184	218 04:40:59	32	40RISE			10 DEGREE RISE DSC-40					2V
1185	218 06:45:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9142 (D/L ONLY)					2DP
1186	218 10:05:02	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
1187	218 10:05:02	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
1188	218 10:05:50	32		ACE OPCH		>>>>>>> 5 MIN WARNING <<<<<<<<< FOR FDS MODE OR FDS STATUS CHG					2ESf
1189	218 10:05:50	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

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1190	218 10:09:14	32				BEGIN PWSREC			22184:27:001F	02-218/00:51:59	2T
1191	218 10:09:14	32				B- DRGS4B			22184:27:001F	02-218/00:51:59	2TB
1192	218 10:09:14	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		22184:27:009F	02-218/00:52:00	2ECf
1193	218 10:09:58	32				BEGIN RECORDING PWS DATA			22184:27:734F	02-218/00:52:43	2T
1194	218 10:09:58	32			CC16C	(3000) DTR STATE SELECT:115.2REC	DTR		22184:27:735F	02-218/00:52:43	2ECd
1195	218 10:09:58	32				DTR STATUS MODE:REC RATE:115.2K DIR:F TRK:5 TIC:1740	DTR		22184:27:735F	02-218/00:52:43	2ESd
1196	218 10:10:02	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	22184:28:001F	02-218/00:52:47	2ESf
1197	218 10:10:02	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		22184:28:002F	02-218/00:52:47	2ECs
1198	218 10:10:03	32				B- DRCRUS			22184:28:018F	02-218/00:52:48	2TB
1199	218 10:10:03	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		22184:28:025F	02-218/00:52:49	2ECf
1200	218 10:10:50	32		ACE OPCH		FDS STATUS CR-5T/X160/S10 MEM:PB/FDS11 SA/FDS11	FDS	CR-5T	22184:29:001F	02-218/00:53:35	2ESf

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1201	218 10:10:50	32			CC16C	(7000) DTR STATE SELECT: READY	DTR		22184:29:001F	02-218/00:53:35	2ECd
1202	218 10:10:50	32				DTR STATUS MODE:RDY RATE:000.0K DIR:F TRK:5 TIC:2030	DTR	22184:29:001F	02-218/00:53:35	2ESd	
1203	218 10:10:50	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	22184:29:002F	02-218/00:53:35	2ECs	
1204	218 10:10:51	32				END PWSREC		22184:29:018F	02-218/00:53:36	2T	
1205	218 12:00:00	32				VGR-32 OWLT IS 09H 17M 15S				2L	
1206	218 16:59:40	32			AC7SSB	(4 +172) SS BIAS CONTROL --- YAW	AACS	22193:00:003F	02-218/07:42:23	2ECa	
1207	218 18:15:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9142				2DP	
1208	218 20:47:47	32	40 SET			10 DEGREE SET DSC-40				2V	
1209	219 00:00:00	32				VGR-32 OWLT IS 09H 17M 18S				2L	
1210	219 04:36:57	32	40RISE			10 DEGREE RISE DSC-40				2V	
1211	219 07:25:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9143 (D/L ONLY)				2DP	
1212	219 12:00:00	32				VGR-32 OWLT IS 09H 17M 22S				2L	
1213	219 20:35:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9143				2DP	
1214	219 20:43:47	32	40 SET			10 DEGREE SET DSC-40				2V	
1215	220 00:00:00	32				VGR-32 OWLT IS 09H 17M 26S				2L	
1216	220 04:32:56	32	40RISE			10 DEGREE RISE DSC-40				2V	
1217	220 07:25:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9144 (D/L ONLY)				2DP	
1218	220 12:00:00	32				VGR-32 OWLT IS 09H 17M 30S				2L	
1219	220 16:05:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9144				2DP	
1220	220 20:39:48	32	40 SET			10 DEGREE SET DSC-40				2V	

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1221	221 00:00:00	32				VGR-32 OWLT IS 09H 17M 34S					2L
1222	221 04:20:00	32	45 AO	OPCH ACE		AOS DSS-45 PASS-9145 (D/L ONLY)					2DP
1223	221 04:28:55	32	40RISE			10 DEGREE RISE DSC-40					2V
1224	221 12:00:00	32				VGR-32 OWLT IS 09H 17M 38S					2L
1225	221 15:20:00	32	45 LO	OPCH ACE		LOS DSS-45 PASS-9145					2DP
1226	221 19:28:05	32			AC7SSB	(4 +173) SS BIAS CONTROL --- YAW	AACS		22286:05:003F	02-221/10:10:23	2ECa
1227	221 20:35:48	32	40 SET			10 DEGREE SET DSC-40					2V
1228	222 00:00:00	32				VGR-32 OWLT IS 09H 17M 42S					2L
1229	222 04:24:55	32	40RISE			10 DEGREE RISE DSC-40					2V
1230	222 04:50:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9146 (D/L ONLY)					2DP
1231	222 12:00:00	32				VGR-32 OWLT IS 09H 17M 46S					2L
1232	222 15:50:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9146					2DP
1233	222 20:31:48	32	40 SET			10 DEGREE SET DSC-40					2V
1234	223 00:00:00	32				VGR-32 OWLT IS 09H 17M 50S					2L
1235	223 02:59:27	32			AC7SSB	(3 -017) SS BIAS CONTROL - PITCH	AACS		22325:29:003F	02-222/17:41:35	2ECa
1236	223 04:20:54	32	40RISE			10 DEGREE RISE DSC-40					2V
1237	223 04:45:00	32	34 AO	OPCH ACE		AOS DSS-34 PASS-9147 (D/L ONLY)					2DP
1238	223 12:00:00	32				VGR-32 OWLT IS 09H 17M 54S					2L
1239	223 16:50:00	32	34 LO	OPCH ACE		LOS DSS-34 PASS-9147					2DP
1240	223 20:27:48	32	40 SET			10 DEGREE SET DSC-40					2V
1241	224 00:00:00	32				VGR-32 OWLT IS 09H 17M 58S					2L
1242	224 04:16:53	32	40RISE			10 DEGREE RISE DSC-40					2V
1243	224 07:20:00	32	43 AO	OPCH ACE		AOS DSS-43 PASS-9148 (D/L ONLY)					2DP

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1244	224 12:00:00	32				VGR-32 OWLT IS 09H 18M 03S					2L
1245	224 18:15:00	32	43 LO	OPCH ACE		LOS DSS-43 PASS-9148					2DP
1246	224 19:00:28	32				FINAL SPACECRAFT STATUS			22375:29:788F	02-224/09:42:23	2TI
1247	224 19:00:28	32				RADIO STATUS			22375:29:788F	02-224/09:42:23	2TI
1248	224 19:00:28	32			DC2AR	S-BAND RANGING OFF			22375:29:788F	02-224/09:42:23	2TI
1249	224 19:00:28	32			DC2DR	S-BAND LO PWR			22375:29:788F	02-224/09:42:23	2TI
1250	224 19:00:28	32			DC2HR	X-BAND LO PWR			22375:29:788F	02-224/09:42:23	2TI
1251	224 19:00:28	32			DC2N	X-BAND RANGING ON			22375:29:788F	02-224/09:42:23	2TI
1252	224 19:00:28	32			DC2P	2 WAY NON-COHERENT ON			22375:29:788F	02-224/09:42:23	2TI
1253	224 19:00:28	32			DC2Q	USO ON			22375:29:788F	02-224/09:42:23	2TI
1254	224 19:00:28	32			CC2BRP	S-BAND EXC-2 SEL			22375:29:788F	02-224/09:42:23	2TI
1255	224 19:00:28	32			CC2CP	S-BAND TRANS-1 SEL			22375:29:788F	02-224/09:42:23	2TI
1256	224 19:00:28	32			CC2FRP	RCVR-2 SEL			22375:29:788F	02-224/09:42:23	2TI
1257	224 19:00:28	32			CC2JRP	X-BAND EXC-2 SEL			22375:29:788F	02-224/09:42:23	2TI
1258	224 19:00:28	32			CC2GP	X-BAND ON			22375:29:788F	02-224/09:42:23	2TI
1259	224 19:00:28	32			CC2KRP	S-BAND OFF			22375:29:788F	02-224/09:42:23	2TI
1260	224 19:00:28	32			CC2LP	X-BAND TWTA-1 SEL			22375:29:788F	02-224/09:42:23	2TI
1261	224 19:00:28	32			CC2MP	S-BAND EXC ON			22375:29:788F	02-224/09:42:23	2TI
1262	224 19:00:28	32			DC2E	HGA SELECT			22375:29:788F	02-224/09:42:23	2TI
1263	224 19:00:28	32			CC1T	BAY 1 HTR ON			22375:29:788F	02-224/09:42:23	2TI
1264	224 19:00:28	32				MDS STATUS			22375:29:788F	02-224/09:42:23	2TI
1265	224 19:00:28	32			CC3BP	TMU ON			22375:29:788F	02-224/09:42:23	2TI
1266	224 19:00:28	32			CC3GP	TMU-A SEL			22375:29:788F	02-224/09:42:23	2TI

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1267	224 19:00:28	32			CC3HRP	CDU-B SEL			22375:29:788F	02-224/09:42:23	2TI
1268	224 19:00:28	32			CC3A	32310 X-BAND			22375:29:788F	02-224/09:42:23	2TI
1269	224 19:00:28	32			CC3A	28301 S-BAND			22375:29:788F	02-224/09:42:23	2TI
1270	224 19:00:28	32				POWER STATUS			22375:29:788F	02-224/09:42:23	2TI
1271	224 19:00:28	32			CC4A	UNDERVOLTAGE TRIP RESET			22375:29:788F	02-224/09:42:23	2TI
1272	224 19:00:28	32			CC4K	RTG-1 DIODE BYPASS ON			22375:29:788F	02-224/09:42:23	2TI
1273	224 19:00:28	32			CC4L	RTG-2 DIODE BYPASS ON			22375:29:788F	02-224/09:42:23	2TI
1274	224 19:00:28	32			CC4M	RTG-3 DIODE BYPASS ON			22375:29:788F	02-224/09:42:23	2TI
1275	224 19:00:28	32				CCS STATUS			22375:29:788F	02-224/09:42:23	2TI
1276	224 19:00:28	32			DC5AR	CCS TOL DET ENABLE			22375:29:788F	02-224/09:42:23	2TI
1277	224 19:00:28	32				FDS STATUS			22375:29:788F	02-224/09:42:23	2TI
1278	224 19:00:28	32			CC6CP	FDS ON/ISS PWR ENABLE			22375:29:788F	02-224/09:42:23	2TI
1279	224 19:00:28	32			CC6AA	0 SVC-W1			22375:29:788F	02-224/09:42:23	2TI
1280	224 19:00:28	32			CC6AD	2210 SVC-W4			22375:29:788F	02-224/09:42:23	2TI
1281	224 19:00:28	32			CC6AE	30003 SVC-W5			22375:29:788F	02-224/09:42:23	2TI
1282	224 19:00:28	32			CC6AP	FDS PWR CONV A SEL			22375:29:788F	02-224/09:42:23	2TI
1283	224 19:00:28	32			CC6AB	01110 SVC-W2			22375:29:788F	02-224/09:42:23	2TI
1284	224 19:00:28	32			SC06BB	530070 FDS DATA MODE			22375:29:788F	02-224/09:42:23	2TI
1285	224 19:00:28	32				AACS STATUS			22375:29:788F	02-224/09:42:23	2TI
1286	224 19:00:28	32			AC7PCG	14 HYBIC 2 PWR ON			22375:29:788F	02-224/09:42:23	2TI
1287	224 19:00:28	32			CC7ML	05 CST ON			22375:29:788F	02-224/09:42:23	2TI
1288	224 19:00:28	32			AC7CTG	10 376 CST HI GATE			22375:29:788F	02-224/09:42:23	2TI
1289	224 19:00:28	32			AC7CTG	11 422 CST LO GATE			22375:29:788F	02-224/09:42:23	2TI

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1290	224 19:00:28	32			AC7GYP	000 GYRO PATTERN			22375:29:788F	02-224/09:42:23	2TI
1291	224 19:00:28	32			AC7PCG	52 GYRO A OFF			22375:29:788F	02-224/09:42:23	2TI
1292	224 19:00:28	32			AC7PCG	62 GYRO B OFF			22375:29:788F	02-224/09:42:23	2TI
1293	224 19:00:28	32			AC7PCG	72 GYRO C OFF			22375:29:788F	02-224/09:42:23	2TI
1294	224 19:00:28	32			AC7DDB	000480 DEAD BAND CONTROL			22375:29:788F	02-224/09:42:23	2TI
1295	224 19:00:28	32			AC7PAR	7530 000000 GYRO OFF NORM			22375:29:788F	02-224/09:42:23	2TI
1296	224 19:00:28	32			AC7PAR	6740 000740 PITCH DEADBAND			22375:29:788F	02-224/09:42:23	2TI
1297	224 19:00:28	32			AC7PAR	6741 001700 YAW DEADBAND			22375:29:788F	02-224/09:42:23	2TI
1298	224 19:00:28	32			AC7PAR	6742 004540 ROLL DEADBAND			22375:29:788F	02-224/09:42:23	2TI
1299	224 19:00:28	32			DEADBAND	DEAD BAND STATE: 05 10 25			22375:29:788F	02-224/09:42:23	2TI
1300	224 19:00:28	32			CC7SS	1 AACS TO RAI			22375:29:788F	02-224/09:42:23	2TI
1301	224 19:00:28	32			CC7CT	03 CST CONE ANGLE 3			22375:29:788F	02-224/09:42:23	2TI
1302	224 19:00:28	32			CC7AHRP	SS HTR A OFF			22375:29:788F	02-224/09:42:23	2TI
1303	224 19:00:28	32			CC7BHP	SS HTR B ON			22375:29:788F	02-224/09:42:23	2TI
1304	224 19:00:28	32			CC7ML	01 FDS CHAN A			22375:29:788F	02-224/09:42:23	2TI
1305	224 19:00:28	32			CC7ML	09 TCAPU FAULT ENA			22375:29:788F	02-224/09:42:23	2TI
1306	224 19:00:28	32			AC7PCG	61 AACS BAY 6 HTR A OFF			22375:29:788F	02-224/09:42:23	2TI
1307	224 19:00:28	32			AC7PCG	71 AACS BAY 6 HTR B OFF			22375:29:788F	02-224/09:42:23	2TI
1308	224 19:00:28	32			CC7MMRP	PROC/MEM 2 SELECT			22375:29:788F	02-224/09:42:23	2TI
1309	224 19:00:28	32			CC7SHRP	AZ SCAN ACTUATOR HTR OFF			22375:29:788F	02-224/09:42:23	2TI
1310	224 19:00:28	32			AC7PCG	22 CST SUN SHUTTER OFF			22375:29:788F	02-224/09:42:23	2TI
1311	224 19:00:28	32			AC7PCG	10 ISO VALVE BRANCH 1 OFF			22375:29:788F	02-224/09:42:23	2TI
1312	224 19:00:28	32			AC7PCG	20 ISO VALVE BRANCH 2 OFF			22375:29:788F	02-224/09:42:23	2TI

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT 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	224 19:00:28	32			CC1PHRP	SCAN PLAT SUPL HTR OFF			22375:29:788F	02-224/09:42:23	2TI
1314	224 19:00:28	32			CC77MRP	MAM OFF			22375:29:788F	02-224/09:42:23	2TI
1315	224 19:00:28	32			DC77PR	NON-PRIME FCP/MEM OFF			22375:29:788F	02-224/09:42:23	2TI
1316	224 19:00:28	32			DC77XR	MAM COMMAND DISABLE			22375:29:788F	02-224/09:42:23	2TI
1317	224 19:00:28	32				PYRO STATUS			22375:29:788F	02-224/09:42:23	2TI
1318	224 19:00:28	32			CC8D	PSU INSTRUMENTATION ON			22375:29:788F	02-224/09:42:23	2TI
1319	224 19:00:28	32			DC8XR	PYRO DISABLE			22375:29:788F	02-224/09:42:23	2TI
1320	224 19:00:28	32				PROPULSION STATUS			22375:29:788F	02-224/09:42:23	2TI
1321	224 19:00:28	32			CC10CRP	TCM HTR OFF			22375:29:788F	02-224/09:42:23	2TI
1322	224 19:00:28	32			CC10DR	AP BR1 HTR OFF			22375:29:788F	02-224/09:42:23	2TI
1323	224 19:00:28	32			CC10E	AP BR2 HTR ON			22375:29:788F	02-224/09:42:23	2TI
1324	224 19:00:28	32			CC10TRP	TCM LINE HTRS OFF			22375:29:788F	02-224/09:42:23	2TI
1325	224 19:00:28	32				DSS STATUS			22375:29:788F	02-224/09:42:23	2TI
1326	224 19:00:28	32			CC16BR	DSS 10 W REPL HTR OFF			22375:29:788F	02-224/09:42:23	2TI
1327	224 19:00:28	32			CC16AP	DSS ON			22375:29:788F	02-224/09:42:23	2TI
1328	224 19:00:28	32			CC1DR	BAY 2 19 W HTR OFF			22375:29:788F	02-224/09:42:23	2TI
1329	224 19:00:28	32			CC16C	7215 DSS CONTROL			22375:29:788F	02-224/09:42:23	2TI
1330	224 19:00:28	32				SCIENCE PWR STATUS			22375:29:788F	02-224/09:42:23	2TI
1331	224 19:00:28	32			CC1CR	MAG COIL OFF			22375:29:788F	02-224/09:42:23	2TI
1332	224 19:00:28	32			CC21A	CRS ON			22375:29:788F	02-224/09:42:23	2TI
1333	224 19:00:28	32			CC21B	CRS REPL HTR ON			22375:29:788F	02-224/09:42:23	2TI
1334	224 19:00:28	32			CC21CR	CRS SUPP HTR OFF			22375:29:788F	02-224/09:42:23	2TI
1335	224 19:00:28	32			CC22A	PRA ON			22375:29:788F	02-224/09:42:23	2TI

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT 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	224 19:00:28	32			CC23A	PWS ON			22375:29:788F	02-224/09:42:23	2TI
1337	224 19:00:28	32			CC25A	LECP ON			22375:29:788F	02-224/09:42:23	2TI
1338	224 19:00:28	32			CC25B	LECP STEPPER MOTOR ON			22375:29:788F	02-224/09:42:23	2TI
1339	224 19:00:28	32			CC25CR	LECP REPL HTR OFF			22375:29:788F	02-224/09:42:23	2TI
1340	224 19:00:28	32			CC25D	LECP MAIN SUPP HTR ON			22375:29:788F	02-224/09:42:23	2TI
1341	224 19:00:28	32			CC25E	LECP LEPT SUPP HTR ON			22375:29:788F	02-224/09:42:23	2TI
1342	224 19:00:28	32			CC27BR	PPS SUPP HTR OFF			22375:29:788F	02-224/09:42:23	2TI
1343	224 19:00:28	32			CC32A	PLS ON			22375:29:788F	02-224/09:42:23	2TI
1344	224 19:00:28	32			CC32B	PLS SUPP HTR ON			22375:29:788F	02-224/09:42:23	2TI
1345	224 19:00:28	32			CC32CR	PLS REPL HTR OFF			22375:29:788F	02-224/09:42:23	2TI
1346	224 19:00:28	32			CC34AR	UVS OFF			22375:29:788F	02-224/09:42:23	2TI
1347	224 19:00:28	32			CC34BR	UVS REPL HTR OFF			22375:29:788F	02-224/09:42:23	2TI
1348	224 19:00:28	32			CC35AR	MAG OFF			22375:29:788F	02-224/09:42:23	2TI
1349	224 19:00:28	32			CC35B	MAG STANDBY ON			22375:29:788F	02-224/09:42:23	2TI
1350	224 19:00:28	32			CC35GR	MAG SENSOR HTR OFF			22375:29:788F	02-224/09:42:23	2TI
1351	224 19:00:28	32			CC36GR	ISS WA VID REPL HTR OFF			22375:29:788F	02-224/09:42:23	2TI
1352	224 19:00:28	32			CC36HR	ISS WA ELEC REPL HTR OFF			22375:29:788F	02-224/09:42:23	2TI
1353	224 19:00:28	32			CC36CRP	ISS NA OPTICS HTR OFF			22375:29:788F	02-224/09:42:23	2TI
1354	224 19:00:28	32			CC36FRP	ISS NA VID REPL HTR OFF			22375:29:788F	02-224/09:42:23	2TI
1355	224 19:00:28	32			CC36JRP	ISS NA ELEC REPL HTR OFF			22375:29:788F	02-224/09:42:23	2TI
1356	224 19:00:28	32			CC39DR	IRIS REPL HTR OFF			22375:29:788F	02-224/09:42:23	2TI
1357	224 19:00:28	32			CC39FR	IRIS STANDBY A SUPPLY OFF			22375:29:788F	02-224/09:42:23	2TI
1358	224 19:00:28	32			CC39BR	IRIS STANDBY B SUPPLY OFF			22375:29:788F	02-224/09:42:23	2TI

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT 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	224 19:00:28	32				SCIENCE INSTRUMENT STATUS			22375:29:788F	02-224/09:42:23	2TI
1360	224 19:00:28	32			SC21AF	01000 CRS CMD WORD			22375:29:788F	02-224/09:42:23	2TI
1361	224 19:00:28	32			SC21AF	02000 CRS CMD WORD			22375:29:788F	02-224/09:42:23	2TI
1362	224 19:00:28	32			SC21AF	03010 CRS CMD WORD			22375:29:788F	02-224/09:42:23	2TI
1363	224 19:00:28	32			SC21AF	04000 CRS CMD WORD			22375:29:788F	02-224/09:42:23	2TI
1364	224 19:00:28	32			SC21AF	05302 CRS CMD WORD			22375:29:788F	02-224/09:42:23	2TI
1365	224 19:00:28	32			SC21AF	06200 CRS CMD WORD			22375:29:788F	02-224/09:42:23	2TI
1366	224 19:00:28	32			SC21AF	07000 CRS CMD WORD			22375:29:788F	02-224/09:42:23	2TI
1367	224 19:00:28	32			SC21AF	08200 CRS CMD WORD			22375:29:788F	02-224/09:42:23	2TI
1368	224 19:00:28	32			SC21AF	10000 CRS CMD WORD			22375:29:788F	02-224/09:42:23	2TI
1369	224 19:00:28	32			SC21AF	11000 CRS CMD WORD			22375:29:788F	02-224/09:42:23	2TI
1370	224 19:00:28	32			SC21AF	12000 CRS CMD WORD			22375:29:788F	02-224/09:42:23	2TI
1371	224 19:00:28	32			SC21AF	13004 CRS CMD WORD			22375:29:788F	02-224/09:42:23	2TI
1372	224 19:00:28	32			SC21AG	CRS HV FLAG			22375:29:788F	02-224/09:42:23	2TI
1373	224 19:00:28	32			SC21AH	CRS CAL-ST FLAG			22375:29:788F	02-224/09:42:23	2TI
1374	224 19:00:28	32			SC22AF	1347 PRA CONFIGURATION CMD			22375:29:788F	02-224/09:42:23	2TI
1375	224 19:00:28	32			SC22NU	0000 PRA MODE SELECT			22375:29:788F	02-224/09:42:23	2TI
1376	224 19:00:28	32			SC23AD	5 PWS CMD WORD			22375:29:788F	02-224/09:42:23	2TI
1377	224 19:00:28	32			SC25AH	1677 LECP CMD WORD			22375:29:788F	02-224/09:42:23	2TI
1378	224 19:00:28	32			SC25AH	3017 LECP CMD WORD			22375:29:788F	02-224/09:42:23	2TI
1379	224 19:00:28	32			SC25AH	5600 LECP CMD WORD			22375:29:788F	02-224/09:42:23	2TI
1380	224 19:00:28	32			SC25AH	6032 LECP CMD WORD			22375:29:788F	02-224/09:42:23	2TI
1381	224 19:00:28	32			SC25AJ	1 LECP MOTOR STEP CMD			22375:29:788F	02-224/09:42:23	2TI

FINAL SEQUENCE FOR JSX B116 (TOL/B116F - EVTSDR/B16AA)

ITEM NO	TRM-OR-ERT DOY-HH:MM:SS	SC ID	DSN	ACTION BY>>TO	COMMAND	EVENT-DESCRIPTION	S/C SBSYS	TLM FMT	FDS-COUNT	SCE-TIME	SORT CODE
1382	224 19:00:28	32			SC25AN	0 LECP NEAR/FAR ENC			22375:29:788F	02-224/09:42:23	2TI
1383	224 19:00:28	32			SC25AQ	5200 LECP SAFE CMD			22375:29:788F	02-224/09:42:23	2TI
1384	224 19:00:28	32			SC32AF	2 PLS E1 INT/AMP GAIN			22375:29:788F	02-224/09:42:23	2TI
1385	224 19:00:28	32			SC32AG	2 PLS E2 INT/AMP GAIN			22375:29:788F	02-224/09:42:23	2TI
1386	224 19:00:28	32			SC32AH	2 PLS M INT/AMP GAIN			22375:29:788F	02-224/09:42:23	2TI
1387	224 19:00:28	32			SC32AJ	15 PLS CONFIG CMD			22375:29:788F	02-224/09:42:23	2TI
1388	224 19:00:28	32			SC32AK	2 PLS L INT/AMP GAIN			22375:29:788F	02-224/09:42:23	2TI
1389	224 19:00:28	32			SC32AL	216 PLS M START WORD 1			22375:29:788F	02-224/09:42:23	2TI
1390	224 19:00:28	32			SC32AM	116 PLS M START WORD 2			22375:29:788F	02-224/09:42:23	2TI
1391	224 19:00:28	32			SC32AN	2 PLS M MODE			22375:29:788F	02-224/09:42:23	2TI
1392	224 19:00:28	32			SC32AP	3 PLS E1 SHRT			22375:29:788F	02-224/09:42:23	2TI
1393	224 19:00:28	32			SC32AQ	3 PLS E2 SHRT			22375:29:788F	02-224/09:42:23	2TI
1394	224 19:00:28	32			SC32AR	3 PLS L SHORT			22375:29:788F	02-224/09:42:23	2TI
1395	224 19:00:28	32			SC32AS	2 PLS E1 LONG			22375:29:788F	02-224/09:42:23	2TI
1396	224 19:00:28	32			SC32AT	2 PLS E2 LONG			22375:29:788F	02-224/09:42:23	2TI
1397	224 19:00:28	32			SC32AU	2 PLS L LONG			22375:29:788F	02-224/09:42:23	2TI
1398	224 19:00:28	32			SC34AE	13 UVS MODE/HV LEVEL			22375:29:788F	02-224/09:42:23	2TI
1399	224 19:00:28	32			SC34AF	0 UVS READ OUT FLAG			22375:29:788F	02-224/09:42:23	2TI
1400	224 19:00:28	32			SC35AI	030001 MAG HFM/EL FLIP/IFC/LFM			22375:29:788F	02-224/09:42:23	2TI
1401	224 19:00:28	32			SC35AO	030001 MAG HFM/PRIME/IFC/LFM RAN			22375:29:788F	02-224/09:42:23	2TI